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BASIN E STR. 1
ABBOTT'S CREEK
PROFILE
270
1000

STA. 49275-160625

USE OTHER PRINTOUT

Plot H - 2000'
V - 10'

PROGRAMMER=KEZIAH

ACCOUNT=RTI.A25.P03078

| JOB TURN-AROUND | | | JOB PARAMETERS | | | TIME USED INCLUDES | | | MISC. JOB VALUES | | |
|-------------------------|---------|------------|----------------|-----------|--------|--------------------|------|------------|------------------|--|-------------|
| ENTERED | DATE | TIME | TIME | SPECIFIED | USED | | NO. | EQUIVALENT | | | |
| ENTERED | 8/25/77 | 13:50:20.9 | TIME | 2:00.0 | 1:28.2 | CPU | | 0:36.0 | LINES IN | | 712 |
| EXECUTED | 8/25/77 | 17:58:28.0 | PAGES | 400 | 149 | UR EXCPS | 9749 | 0:39.1 | LINES OUT | | 8953 |
| RETURNED | 8/26/77 | 15:43:21.3 | CARDS | 0 | 0 | DISK EXCPS | 653 | 0:13.1 | MEMORY TIME | | 44075 K-SEC |
| JOB ENTERED ON THURSDAY | | | PLOTS | 0 | 0 | TAPE READ-WRITE | | 0:00.0 | PRIORITY | | 00 |
| | | | | | | TAPE FILE SEARCH | | 0:00.0 | APPROX. COST | | \$25.80 |

JOB CONSOLE LOG

```

W 17.58.10 JOB 13 -- RMAK01 -- JCL INTERPRETED, TUCC CPU #2
W 17.58.27 JOB 13 -- RMAK01 -- BEGINNING EXEC - INIT 1 - CLASS
L*17.58.28 JOB 13 ++++S=163,T=02,J=RMAK01 17:58:28 KEZIAH
V 18.00.41 JOB 13 END EXECUTION.

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 HEC2 RELEASE DATED NOV. 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

C
 T1 DAVIDSON COUNTY BASIN E STREAM 1 ABBOTTS CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

| J1 | ICHECK | INO | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FO |
|----|-------------------------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|----------|
| | -1. | 2. | 0. | 0. | 0.000400 | 0.0 | 0.0 | 0. | 614.000 | 0.0 |
| J2 | NPROF | IPLOT | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE |
| | 0.0 | 0.0 | -1.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| J3 | VARIABLE CODES FOR SUMMARY PRINTOUT | | | | | | | | | |
| | 38.000 | 39.000 | 40.000 | 41.000 | 43.000 | 42.000 | 1.000 | 2.000 | 26.000 | 53.000 |
| | 54.000 | 25.000 | 50.000 | 0.0 | 201.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| NC | 0.043 | 0.043 | 0.028 | 0.100 | 0.300 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| NT | 5.000 | 9700.000 | 15400.000 | 18400.000 | 26400.000 | 18400.000 | 0.0 | 0.0 | 0.0 | 0.0 |
| ET | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -10.400 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 62400.000 | 35.000 | 1509.000 | 1639.000 | 62400.000 | 62400.000 | 62400.000 | 62400.000 | 0.0 | 0.0 |
| GR | 640.100 | 1000.000 | 637.100 | 1050.000 | 634.400 | 1100.000 | 630.500 | 1150.000 | 627.500 | 1200.000 |
| GR | 625.600 | 1250.000 | 624.700 | 1286.000 | 624.700 | 1300.000 | 625.000 | 1350.000 | 626.400 | 1397.000 |
| GR | 622.500 | 1410.000 | 621.700 | 1450.000 | 624.000 | 1500.000 | 624.700 | 1509.000 | 617.000 | 1532.000 |
| GR | 616.200 | 1540.000 | 615.400 | 1550.000 | 614.100 | 1560.000 | 612.000 | 1570.000 | 609.000 | 1580.000 |
| GR | 610.300 | 1590.000 | 609.700 | 1600.000 | 610.900 | 1610.000 | 613.100 | 1620.000 | 624.800 | 1639.000 |
| GR | 624.600 | 1650.000 | 624.600 | 1680.000 | 623.100 | 1694.000 | 623.200 | 1700.000 | 622.500 | 1750.000 |
| GR | 623.000 | 1800.000 | 624.100 | 1824.000 | 628.800 | 1850.000 | 636.800 | 1900.000 | 641.900 | 1926.000 |
| RT | 5.000 | 9600.000 | 15300.000 | 18300.000 | 26300.000 | 18300.000 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 65150.000 | 29.000 | 1168.000 | 1313.000 | 2750.000 | 2750.000 | 2750.000 | 2750.000 | 0.0 | 0.0 |
| GR | 641.200 | 1000.000 | 629.000 | 1050.000 | 623.200 | 1084.000 | 622.800 | 1100.000 | 624.600 | 1150.000 |
| GR | 624.900 | 1168.000 | 616.900 | 1177.000 | 615.800 | 1190.000 | 616.100 | 1200.000 | 616.300 | 1210.000 |
| GR | 616.900 | 1220.000 | 616.600 | 1230.000 | 616.200 | 1240.000 | 616.000 | 1250.000 | 616.000 | 1260.000 |
| GR | 615.500 | 1270.000 | 616.000 | 1280.000 | 625.300 | 1313.000 | 624.200 | 1350.000 | 623.800 | 1400.000 |
| GR | 623.200 | 1450.000 | 624.200 | 1500.000 | 623.800 | 1550.000 | 623.300 | 1600.000 | 622.900 | 1650.000 |
| GR | 622.800 | 1700.000 | 623.800 | 1750.000 | 624.300 | 1800.000 | 639.200 | 1837.000 | 0.0 | 0.0 |
| X1 | 67800.000 | 30.000 | 1575.000 | 1660.000 | 2650.000 | 2650.000 | 2650.000 | 2650.000 | 0.0 | 0.0 |
| GR | 647.800 | 1000.000 | 643.800 | 1050.000 | 642.400 | 1073.000 | 640.600 | 1079.000 | 638.100 | 1100.000 |
| GR | 634.800 | 1150.000 | 632.600 | 1200.000 | 630.800 | 1250.000 | 629.400 | 1300.000 | 626.800 | 1350.000 |
| GR | 625.700 | 1400.000 | 625.100 | 1450.000 | 625.400 | 1470.000 | 623.500 | 1477.000 | 623.500 | 1505.000 |
| GR | 625.100 | 1512.000 | 623.600 | 1550.000 | 623.500 | 1575.000 | 616.400 | 1589.000 | 616.200 | 1600.000 |
| GR | 614.900 | 1610.000 | 613.600 | 1620.000 | 613.000 | 1630.000 | 612.200 | 1640.000 | 613.400 | 1650.000 |

| | | | | | | | | | | |
|----|---------|----------|-----------|-----------|-----------|-----------|---------|----------|---------|----------|
| GR | 616,300 | 1660,000 | 625,500 | 1666,000 | 625,800 | 1697,000 | 626,800 | 1700,000 | 642,400 | 1741,000 |
| QT | 5,000 | 9500,000 | 15200,000 | 18200,000 | 26200,000 | 18200,000 | 0,0 | 0,0 | 0,0 | 0,0 |

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|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 72450,000 | 26,000 | 1111,000 | 1200,000 | 4650,000 | 4650,000 | 4650,000 | 0,0 | 0,0 | 0,0 |
| GR | 644,000 | 1000,000 | 628,800 | 1034,000 | 628,000 | 1050,000 | 628,100 | 1100,000 | 628,200 | 1111,000 |
| GR | 616,600 | 1122,000 | 616,400 | 1130,000 | 613,600 | 1140,000 | 613,400 | 1150,000 | 613,700 | 1160,000 |
| GR | 614,600 | 1180,000 | 616,200 | 1188,000 | 626,800 | 1200,000 | 628,300 | 1300,000 | 629,400 | 1400,000 |
| GR | 629,100 | 1500,000 | 629,000 | 1600,000 | 629,900 | 1700,000 | 629,300 | 1800,000 | 629,300 | 1840,000 |
| GR | 629,500 | 1850,000 | 630,700 | 1900,000 | 633,000 | 1950,000 | 633,900 | 2000,000 | 634,200 | 2050,000 |
| GR | 635,300 | 2100,000 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 75500,000 | 48,000 | 1575,000 | 1681,000 | 3050,000 | 3050,000 | 3050,000 | 0,0 | 0,0 | 0,0 |
| GR | 646,800 | 1000,000 | 643,400 | 1050,000 | 640,900 | 1100,000 | 640,100 | 1127,000 | 640,000 | 1150,000 |
| GR | 640,200 | 1163,000 | 641,300 | 1200,000 | 641,800 | 1231,000 | 641,500 | 1250,000 | 641,300 | 1300,000 |
| GR | 639,900 | 1345,000 | 636,300 | 1400,000 | 632,700 | 1443,000 | 631,700 | 1464,000 | 631,700 | 1500,000 |
| GR | 631,600 | 1550,000 | 630,900 | 1575,000 | 618,100 | 1588,000 | 616,800 | 1600,000 | 616,200 | 1610,000 |
| GR | 614,300 | 1620,000 | 615,300 | 1630,000 | 616,500 | 1640,000 | 618,100 | 1650,000 | 619,900 | 1660,000 |
| GR | 620,100 | 1670,000 | 620,000 | 1672,000 | 629,700 | 1681,000 | 628,800 | 1700,000 | 629,800 | 1800,000 |
| GR | 630,000 | 1900,000 | 631,400 | 2000,000 | 630,800 | 2038,000 | 628,500 | 2078,000 | 628,500 | 2100,000 |
| GR | 630,300 | 2179,000 | 630,000 | 2200,000 | 631,800 | 2300,000 | 631,700 | 2400,000 | 632,900 | 2500,000 |
| GR | 634,000 | 2600,000 | 634,800 | 2700,000 | 637,100 | 2800,000 | 638,500 | 2900,000 | 640,100 | 3000,000 |
| GR | 642,600 | 3100,000 | 644,300 | 3150,000 | 646,100 | 3187,000 | 0,0 | 0,0 | 0,0 | 0,0 |

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 78650,000 | 30,000 | 1489,000 | 1593,000 | 3150,000 | 3150,000 | 3150,000 | 0,0 | 0,0 | 0,0 |
| GR | 650,300 | 1000,000 | 644,800 | 1050,000 | 641,400 | 1100,000 | 640,900 | 1110,000 | 640,600 | 1150,000 |
| GR | 639,900 | 1200,000 | 639,600 | 1250,000 | 639,500 | 1300,000 | 640,100 | 1350,000 | 639,900 | 1393,000 |
| GR | 631,500 | 1425,000 | 631,200 | 1450,000 | 632,900 | 1489,000 | 621,000 | 1515,000 | 619,500 | 1525,000 |
| GR | 618,900 | 1535,000 | 618,200 | 1545,000 | 617,800 | 1555,000 | 618,000 | 1565,000 | 617,900 | 1575,000 |
| GR | 620,200 | 1584,000 | 631,000 | 1593,000 | 630,500 | 1650,000 | 630,800 | 1700,000 | 631,200 | 1763,000 |
| GR | 634,700 | 1800,000 | 639,000 | 1850,000 | 642,600 | 1900,000 | 646,000 | 1950,000 | 649,200 | 2000,000 |

| | | | | | | | | | | |
|----|-----------|----------|-----------|-----------|-----------|-----------|----------|----------|---------|----------|
| X1 | 80950,000 | 27,000 | 1430,000 | 1510,000 | 2300,000 | 2300,000 | 2300,000 | 0,0 | 0,0 | 0,0 |
| GR | 649,800 | 1000,000 | 641,800 | 1050,000 | 638,800 | 1085,000 | 638,000 | 1100,000 | 637,400 | 1150,000 |
| GR | 636,800 | 1200,000 | 633,600 | 1231,000 | 633,200 | 1250,000 | 633,600 | 1300,000 | 635,000 | 1350,000 |
| GR | 635,200 | 1400,000 | 632,900 | 1412,000 | 632,600 | 1430,000 | 620,600 | 1441,000 | 620,200 | 1450,000 |
| GR | 620,100 | 1460,000 | 619,200 | 1470,000 | 619,100 | 1480,000 | 621,000 | 1490,000 | 621,600 | 1500,000 |
| GR | 621,700 | 1505,000 | 630,400 | 1510,000 | 630,600 | 1516,000 | 634,100 | 1531,000 | 635,400 | 1550,000 |
| GR | 637,900 | 1565,000 | 648,700 | 1581,000 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| QT | 5,000 | 9400,000 | 15100,000 | 18100,000 | 26100,000 | 18100,000 | 0,0 | 0,0 | 0,0 | 0,0 |

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 82085,000 | 15,000 | 1424,000 | 1502,000 | 1135,000 | 1135,000 | 1135,000 | 0,0 | 0,0 | 0,0 |
| GR | 655,200 | 1000,000 | 645,500 | 1050,000 | 639,600 | 1100,000 | 637,700 | 1150,000 | 636,400 | 1200,000 |
| GR | 631,500 | 1300,000 | 635,000 | 1392,000 | 634,400 | 1424,000 | 620,900 | 1440,000 | 618,500 | 1470,000 |
| GR | 619,700 | 1480,000 | 621,100 | 1489,000 | 632,700 | 1502,000 | 641,800 | 1550,000 | 652,100 | 1600,000 |

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|---------|----------|----------|----------|---------|----------|
| X1 | 82185,000 | 24,000 | 1467,000 | 1760,000 | 100,000 | 100,000 | 100,000 | 0,0 | 0,0 | 0,0 |
| GR | 668,600 | 1000,000 | 663,700 | 1100,000 | 655,400 | 1300,000 | 652,900 | 1400,000 | 648,000 | 1467,000 |
| GR | 648,000 | 1468,500 | 646,500 | 1478,000 | 636,600 | 1490,400 | 633,700 | 1507,000 | 633,000 | 1547,000 |
| GR | 631,900 | 1587,000 | 634,800 | 1627,000 | 633,300 | 1650,000 | 626,100 | 1660,500 | 623,200 | 1667,000 |
| GR | 622,100 | 1689,500 | 623,300 | 1712,000 | 625,000 | 1717,300 | 644,100 | 1751,800 | 644,700 | 1755,000 |
| GR | 644,700 | 1760,000 | 655,100 | 1830,000 | 658,500 | 1900,000 | 664,300 | 2000,000 | 667,900 | 2050,000 |
| SB | 1,250 | 1,500 | 2,500 | 0,0 | 293,000 | 15,200 | 4502,000 | 0,0 | 0,0 | 0,0 |

RDNQ EAST CENTER ST. MXLCEL 648.8 RDELV 652.1

| | | | | | | | | | | |
|----|-----------|----------|---------|----------|----------|---------|----------|----------|---------|----------|
| X1 | 82215,000 | 0,0 | 0,0 | 0,0 | 30,000 | 30,000 | 30,000 | 0,0 | 0,0 | 0,0 |
| X2 | 0,0 | 0,0 | 1,000 | 648,800 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| BT | 11,000 | 1000,000 | 668,600 | 0,0 | 1100,000 | 663,700 | 0,0 | 1200,000 | 659,300 | 0,0 |
| BT | 1300,000 | 655,400 | 0,0 | 1400,000 | 652,900 | 0,0 | 1467,000 | 652,100 | 648,800 | 1760,000 |

Plot

| | | | | | | | | | | |
|---|-----------|----------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|
| BT | 652.200 | 648.800 | 1800.000 | 654.200 | 0.0 | 1900.000 | 658.500 | 0.0 | 2000.000 | 664.300 |
| BT | 0.0 | 2050.000 | 667.900 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 82315.000 | 15.000 | 1424.000 | 1502.000 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 655.200 | 1000.000 | 645.500 | 1050.000 | 639.600 | 1100.000 | 637.700 | 1150.000 | 636.400 | 1200.000 |
| GR | 631.800 | 1300.000 | 635.000 | 1392.000 | 634.400 | 1424.000 | 620.900 | 1440.000 | 618.500 | 1470.000 |
| GR | 619.700 | 1480.000 | 621.100 | 1489.000 | 632.700 | 1502.000 | 641.800 | 1550.000 | 652.100 | 1600.000 |
| X1 | 84350.000 | 14.000 | 1485.000 | 1568.000 | 2035.000 | 2035.000 | 2035.000 | 0.0 | 0.0 | 0.0 |
| GR | 651.300 | 1000.000 | 643.000 | 1100.000 | 635.500 | 1200.000 | 636.700 | 1300.000 | 634.600 | 1400.000 |
| GR | 633.900 | 1485.000 | 617.700 | 1520.000 | 634.600 | 1568.000 | 634.900 | 1600.000 | 634.300 | 1700.000 |
| GR | 634.800 | 1800.000 | 634.900 | 1900.000 | 635.000 | 2000.000 | 652.400 | 2172.000 | 0.0 | 0.0 |
| BT | 5.000 | 9300.000 | 14900.000 | 17900.000 | 25900.000 | 17900.000 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 85640.000 | 17.000 | 1640.000 | 1726.000 | 1290.000 | 1290.000 | 1290.000 | 0.0 | -1.000 | 0.0 |
| GR | 654.100 | 1000.000 | 650.200 | 1100.000 | 635.500 | 1200.000 | 634.000 | 1300.000 | 634.900 | 1400.000 |
| GR | 636.600 | 1500.000 | 635.700 | 1600.000 | 635.300 | 1640.000 | 619.400 | 1690.000 | 620.000 | 1700.000 |
| GR | 629.800 | 1726.000 | 636.700 | 1800.000 | 638.100 | 1900.000 | 639.900 | 2000.000 | 642.400 | 2100.000 |
| GR | 649.400 | 2200.000 | 656.000 | 2246.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 85740.000 | 25.000 | 2221.500 | 2478.000 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 657.700 | 1300.000 | 656.100 | 1400.000 | 653.400 | 1600.000 | 651.700 | 1782.000 | 657.100 | 1800.000 |
| GR | 648.800 | 2221.500 | 648.600 | 2225.500 | 639.300 | 2240.900 | 636.900 | 2253.000 | 635.000 | 2271.000 |
| GR | 636.100 | 2294.500 | 632.100 | 2323.500 | 633.900 | 2330.100 | 623.900 | 2341.500 | 622.400 | 2360.800 |
| GR | 618.900 | 2376.000 | 621.500 | 2399.500 | 624.100 | 2421.300 | 632.900 | 2428.500 | 635.800 | 2436.000 |
| GR | 637.100 | 2452.100 | 648.500 | 2471.200 | 648.700 | 2478.000 | 649.200 | 2500.000 | 656.100 | 2800.000 |
| SB | 1.250 | 1.500 | 2.500 | 0.0 | 256.500 | 12.000 | 4134.000 | 0.0 | 0.0 | 0.0 |
| <div style="display: flex; justify-content: space-around;"> ROND OLD HIGHWAY 64 MXLCEL 649.4 RDELV 654.7 </div> | | | | | | | | | | |
| X1 | 85763.000 | 0.0 | 0.0 | 0.0 | 23.000 | 23.000 | 23.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 649.700 | 651.700 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 20.000 | 1000.000 | 670.900 | 0.0 | 1100.000 | 664.400 | 0.0 | 1200.000 | 660.100 | 0.0 |
| BT | 1300.000 | 657.700 | 0.0 | 1400.000 | 656.100 | 0.0 | 1500.000 | 654.700 | 0.0 | 1600.000 |
| BT | 653.400 | 0.0 | 1700.000 | 652.300 | 0.0 | 1800.000 | 651.700 | 0.0 | 1900.000 | 652.300 |
| BT | 0.0 | 2000.000 | 653.400 | 0.0 | 2100.000 | 653.800 | 0.0 | 2200.000 | 654.400 | 0.0 |
| BT | 2221.500 | 654.700 | 649.400 | 2478.000 | 654.700 | 649.400 | 2500.000 | 654.500 | 0.0 | 2600.000 |
| BT | 653.800 | 0.0 | 2700.000 | 654.100 | 0.0 | 2800.000 | 656.100 | 0.0 | 2900.000 | 659.900 |
| BT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 85863.000 | 17.000 | 1640.000 | 1726.000 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 654.100 | 1000.000 | 650.200 | 1100.000 | 635.500 | 1200.000 | 634.000 | 1300.000 | 634.900 | 1400.000 |
| GR | 636.600 | 1500.000 | 635.700 | 1600.000 | 635.300 | 1640.000 | 619.400 | 1690.000 | 620.000 | 1700.000 |
| GR | 629.800 | 1726.000 | 636.700 | 1800.000 | 638.100 | 1900.000 | 639.900 | 2000.000 | 642.400 | 2100.000 |
| GR | 649.400 | 2200.000 | 656.000 | 2246.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 88200.000 | 11.000 | 1176.000 | 1250.000 | 2337.000 | 2337.000 | 2337.000 | 0.0 | 0.0 | 0.0 |
| GR | 657.300 | 1000.000 | 643.800 | 1100.000 | 637.400 | 1176.000 | 622.300 | 1197.000 | 620.300 | 1220.000 |
| GR | 635.300 | 1250.000 | 638.000 | 1300.000 | 636.500 | 1400.000 | 636.100 | 1500.000 | 637.800 | 1600.000 |
| GR | 653.000 | 1685.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 90350.000 | 11.000 | 1492.000 | 1576.000 | 2150.000 | 2150.000 | 2150.000 | 0.0 | 0.0 | 0.0 |
| GR | 659.200 | 1000.000 | 650.000 | 1100.000 | 646.000 | 1200.000 | 644.400 | 1300.000 | 639.000 | 1400.000 |
| GR | 637.800 | 1492.000 | 622.000 | 1522.000 | 643.100 | 1576.000 | 643.400 | 1589.000 | 648.100 | 1600.000 |
| GR | 659.500 | 1618.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 93100.000 | 11.000 | 1512.000 | 1592.000 | 2750.000 | 2750.000 | 2750.000 | 0.0 | 0.0 | 0.0 |

PLOT

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|----------|----------|---------|----------|
| X1 | 110890.000 | 19.000 | 1710.000 | 1919.300 | 200.000 | 200.000 | 200.000 | 0.0 | 0.0 | 0.0 |
| GR | 668.800 | 1000.000 | 660.200 | 1238.000 | 643.200 | 1710.000 | 643.200 | 1715.000 | 644.600 | 1747.500 |
| GR | 638.400 | 1754.700 | 638.700 | 1776.700 | 638.900 | 1806.200 | 643.000 | 1817.200 | 645.100 | 1836.800 |
| GR | 645.300 | 1847.500 | 637.200 | 1855.100 | 637.500 | 1898.100 | 643.800 | 1914.300 | 643.800 | 1919.300 |
| GR | 655.200 | 2100.000 | 668.300 | 2300.000 | 668.500 | 2800.000 | 668.400 | 3000.000 | 0.0 | 0.0 |
| SB | 1.250 | 1.500 | 2.500 | 0.0 | 209.300 | 9.500 | 4546.000 | 0.0 | 0.0 | 0.0 |

RDNQ SOUTH RAILWAY MXLCEL 663.6 RDELV 667.7

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|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 110909.000 | 0.0 | 0.0 | 0.0 | 18.000 | 18.000 | 18.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 663.600 | 667.600 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 20.000 | 1000.000 | 668.900 | 0.0 | 1100.000 | 668.600 | 0.0 | 1300.000 | 667.900 | 0.0 |
| BT | 1400.000 | 667.700 | 0.0 | 1500.000 | 667.600 | 0.0 | 1600.000 | 667.600 | 0.0 | 1700.000 |
| BT | 667.700 | 0.0 | 1710.000 | 667.700 | 663.600 | 1919.300 | 667.700 | 663.600 | 2000.000 | 667.700 |
| BT | 0.0 | 2100.000 | 668.000 | 0.0 | 2200.000 | 668.200 | 0.0 | 2300.000 | 668.300 | 0.0 |
| BT | 2400.000 | 668.400 | 0.0 | 2500.000 | 668.400 | 0.0 | 2600.000 | 668.400 | 0.0 | 2700.000 |
| BT | 668.500 | 0.0 | 2800.000 | 668.500 | 0.0 | 2900.000 | 668.400 | 0.0 | 3000.000 | 668.400 |
| BT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|-----------|-----------|-----------|---------|----------|---------|----------|
| X1 | 111108.000 | 11.000 | 1148.000 | 1190.000 | 200.000 | 200.000 | 200.000 | 0.0 | 0.0 | 0.0 |
| GR | 664.000 | 1000.000 | 645.700 | 1100.000 | 644.600 | 1148.000 | 635.800 | 1170.000 | 644.800 | 1190.000 |
| GR | 644.600 | 1300.000 | 644.400 | 1345.000 | 647.300 | 1400.000 | 649.600 | 1500.000 | 654.200 | 1600.000 |
| GR | 662.100 | 1700.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 5.000 | 5200.000 | 8500.000 | 10600.000 | 15100.000 | 10600.000 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 113300.000 | 11.000 | 1539.000 | 1577.000 | 2192.000 | 2192.000 | 2192.000 | 0.0 | 0.0 | 0.0 |
| GR | 660.900 | 1000.000 | 646.000 | 1091.000 | 645.800 | 1100.000 | 645.400 | 1200.000 | 645.600 | 1300.000 |
| GR | 645.800 | 1400.000 | 645.800 | 1500.000 | 645.600 | 1539.000 | 638.200 | 1560.000 | 646.000 | 1577.000 |
| SP | 558.000 | 1609.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 115735.000 | 11.000 | 1368.000 | 1448.000 | 2435.000 | 2435.000 | 2435.000 | 0.0 | -1.000 | 0.0 |
| GR | 659.600 | 1000.000 | 650.900 | 1100.000 | 648.500 | 1200.000 | 648.400 | 1300.000 | 649.300 | 1388.000 |
| GR | 644.900 | 1400.000 | 643.800 | 1420.000 | 649.800 | 1448.000 | 656.000 | 1500.000 | 663.200 | 1600.000 |
| GR | 663.900 | 1700.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|---------|----------|----------|----------|---------|----------|
| X1 | 115835.000 | 22.000 | 2378.500 | 2573.500 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 671.600 | 1700.000 | 670.300 | 1800.000 | 669.600 | 1900.000 | 664.300 | 2378.500 | 664.200 | 2383.300 |
| GR | 653.100 | 2405.900 | 650.500 | 2426.000 | 647.600 | 2467.000 | 644.500 | 2476.000 | 643.300 | 2496.900 |
| GR | 644.900 | 2526.000 | 651.100 | 2528.800 | 652.200 | 2547.200 | 661.900 | 2563.200 | 664.100 | 2573.500 |
| SP | 668.900 | 2600.000 | 669.000 | 2700.000 | 670.300 | 3000.000 | 672.000 | 3200.000 | 675.600 | 3500.000 |
| GR | 681.600 | 4000.000 | 684.100 | 4200.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| SB | 1.250 | 1.500 | 2.500 | 0.0 | 195.000 | 7.500 | 2558.000 | 0.0 | 0.0 | 0.0 |

RDNQ NC 70 MXLCEL 664.8 RDELV 669.0

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|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 115869.000 | 0.0 | 0.0 | 0.0 | 34.000 | 34.000 | 34.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 664.800 | 668.700 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 25.000 | 1000.000 | 684.900 | 0.0 | 1100.000 | 682.800 | 0.0 | 1200.000 | 680.700 | 0.0 |
| BT | 1300.000 | 678.700 | 0.0 | 1400.000 | 676.700 | 0.0 | 1500.000 | 674.900 | 0.0 | 1600.000 |
| BT | 672.900 | 0.0 | 1700.000 | 671.600 | 0.0 | 1800.000 | 670.300 | 0.0 | 1900.000 | 669.600 |
| BT | 0.0 | 2000.000 | 669.000 | 0.0 | 2200.000 | 668.600 | 0.0 | 2300.000 | 668.700 | 0.0 |
| BT | 2374.500 | 669.000 | 664.800 | 2573.500 | 669.000 | 664.800 | 2600.000 | 668.900 | 0.0 | 2700.000 |
| BT | 669.000 | 0.0 | 2800.000 | 669.200 | 0.0 | 2900.000 | 669.800 | 0.0 | 3000.000 | 670.300 |
| BT | 0.0 | 3100.000 | 671.200 | 0.0 | 3200.000 | 672.000 | 0.0 | 3500.000 | 675.600 | 0.0 |
| BT | 4000.000 | 681.600 | 0.0 | 4200.000 | 684.100 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|-----|-----|-----|--------|--------|--------|-----|-----|-----|
| X1 | 115884.000 | 0.0 | 0.0 | 0.0 | 15.000 | 15.000 | 15.000 | 0.0 | 0.0 | 0.0 |
|----|------------|-----|-----|-----|--------|--------|--------|-----|-----|-----|

A LOT

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|----|------------|-------|-------|-----|---------|--------|----------|-----|-----|-----|
| X1 | 115899.000 | 0.0 | 0.0 | 0.0 | 15.000 | 15.000 | 15.000 | 0.0 | 0.0 | 0.0 |
| SB | 1.250 | 1.500 | 2.500 | 0.0 | 195.000 | 7.500 | 2558.000 | 0.0 | 0.0 | 0.0 |

RDNQ NC 29

MXLCEL 664.8

RDELV 669.0

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|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 115933.000 | 0.0 | 0.0 | 0.0 | 34.000 | 34.000 | 34.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 664.800 | 668.700 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 25.000 | 1000.000 | 684.900 | 0.0 | 1100.000 | 682.800 | 0.0 | 1200.000 | 680.700 | 0.0 |
| BT | 1300.000 | 678.700 | 0.0 | 1400.000 | 676.700 | 0.0 | 1500.000 | 674.900 | 0.0 | 1600.000 |
| BT | 672.900 | 0.0 | 1700.000 | 671.600 | 0.0 | 1800.000 | 670.300 | 0.0 | 1900.000 | 669.600 |
| BT | 0.0 | 2000.000 | 669.000 | 0.0 | 2200.000 | 668.600 | 0.0 | 2300.000 | 668.700 | 0.0 |
| BT | 2378.500 | 669.000 | 664.800 | 2573.500 | 669.000 | 664.800 | 2600.000 | 668.900 | 0.0 | 2700.000 |
| BT | 669.000 | 0.0 | 2800.000 | 669.200 | 0.0 | 2900.000 | 669.800 | 0.0 | 3000.000 | 670.300 |
| BT | 0.0 | 3100.000 | 671.200 | 0.0 | 3200.000 | 672.000 | 0.0 | 3500.000 | 675.600 | 0.0 |
| BT | 4000.000 | 681.600 | 0.0 | 4200.000 | 684.100 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|-----------|-----------|-----------|---------|----------|---------|----------|
| X1 | 116033.000 | 11.000 | 1388.000 | 1448.000 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 669.600 | 1000.000 | 650.900 | 1100.000 | 648.500 | 1200.000 | 648.400 | 1300.000 | 649.300 | 1388.000 |
| GR | 644.900 | 1400.000 | 643.800 | 1420.000 | 649.800 | 1448.000 | 656.000 | 1500.000 | 663.200 | 1600.000 |
| GR | 663.900 | 1700.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| QT | 5.000 | 5190.000 | 8490.000 | 10590.000 | 15090.000 | 10590.000 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 119275.000 | 10.000 | 1208.000 | 1325.000 | 3242.000 | 3242.000 | 3242.000 | 0.0 | 0.0 | 0.0 |
| GR | 667.900 | 1000.000 | 651.900 | 1100.000 | 651.600 | 1200.000 | 652.200 | 1288.000 | 644.800 | 1305.000 |
| GR | 653.100 | 1325.000 | 651.800 | 1400.000 | 658.000 | 1507.000 | 659.100 | 1600.000 | 664.000 | 1690.000 |

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|----|------------|----------|----------|-----------|-----------|-----------|----------|----------|---------|----------|
| X1 | 122075.000 | 10.000 | 1413.000 | 1469.000 | 2800.000 | 2800.000 | 2800.000 | 0.0 | 0.0 | 0.0 |
| GR | 670.900 | 1000.000 | 657.000 | 1100.000 | 655.200 | 1200.000 | 655.000 | 1300.000 | 655.300 | 1400.000 |
| GR | 655.800 | 1413.000 | 647.700 | 1440.000 | 657.400 | 1469.000 | 657.300 | 1500.000 | 664.400 | 1543.000 |
| QT | 5.000 | 5180.000 | 8480.000 | 10580.000 | 15080.000 | 10580.000 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 123725.000 | 9.000 | 1272.000 | 1342.000 | 1650.000 | 1650.000 | 1650.000 | 0.0 | 0.0 | 0.0 |
| GR | 674.900 | 1000.000 | 656.600 | 1200.000 | 656.400 | 1272.000 | 649.200 | 1306.000 | 662.700 | 1342.000 |
| GR | 663.100 | 1400.000 | 655.700 | 1500.000 | 669.900 | 1600.000 | 675.300 | 1700.000 | 0.0 | 0.0 |

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|----|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 123983.000 | 9.000 | 545.000 | 600.000 | 258.000 | 258.000 | 258.000 | 0.0 | 0.0 | 0.0 |
| GR | 673.700 | 0.0 | 664.100 | 300.000 | 659.500 | 400.000 | 658.100 | 500.000 | 655.100 | 545.000 |
| GR | 650.000 | 548.000 | 656.200 | 600.000 | 669.500 | 700.000 | 679.900 | 769.000 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 124233.000 | 14.000 | 1618.000 | 1899.000 | 250.000 | 250.000 | 250.000 | 0.0 | 0.0 | 0.0 |
| GR | 695.800 | 1000.000 | 695.800 | 1100.000 | 695.700 | 1200.000 | 695.600 | 1300.000 | 695.500 | 1400.000 |
| GR | 676.400 | 1500.000 | 657.500 | 1600.000 | 654.000 | 1618.000 | 654.000 | 1700.000 | 654.000 | 1800.000 |
| GR | 654.000 | 1899.000 | 654.500 | 1900.000 | 676.100 | 2000.000 | 698.000 | 2100.000 | 700.000 | 2200.000 |
| SB | 0.900 | 1.500 | 2.500 | 0.0 | 0.100 | 0.010 | 0.100 | 0.0 | 0.0 | 0.0 |

RDNQ DAN-TOMALEX LAKE MXLCEL 680.0

RDELV 694.5

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|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 124267.000 | 0.0 | 0.0 | 0.0 | 34.000 | 34.000 | 34.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 0.0 | 694.500 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 16.000 | 1000.000 | 695.800 | 0.0 | 1100.000 | 695.800 | 0.0 | 1200.000 | 695.700 | 0.0 |
| BT | 1300.000 | 695.600 | 0.0 | 1400.000 | 695.500 | 0.0 | 1500.000 | 695.200 | 0.0 | 1600.000 |
| BT | 694.900 | 0.0 | 1618.000 | 694.500 | 0.0 | 1619.000 | 694.500 | 0.0 | 1619.100 | 680.000 |
| BT | 0.0 | 1897.000 | 680.000 | 0.0 | 1848.000 | 694.500 | 0.0 | 1899.000 | 694.500 | 0.0 |
| BT | 1900.000 | 694.500 | 0.0 | 1935.000 | 695.600 | 680.000 | 2200.000 | 700.000 | 0.0 | 0.0 |

Plot

Plot

680.000

| | | | | | | | | | | |
|----|------------|----------|----------|-----------|-----------|-----------|---------|---------|---------|---------|
| X1 | 124317.000 | 9.000 | 545.000 | 600.000 | 50.000 | 50.000 | 50.000 | 0.0 | 4.800 | 0.0 |
| GR | 673.700 | 0.0 | 644.100 | 300.000 | 659.500 | 400.000 | 658.100 | 500.000 | 655.100 | 505.000 |
| GR | 650.000 | 548.000 | 656.200 | 600.000 | 669.500 | 700.000 | 679.900 | 769.000 | 0.0 | 0.0 |
| QT | 5.000 | 5175.000 | 8475.000 | 10575.000 | 15075.000 | 10575.000 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 131190.000 | 24.000 | 1884.000 | 2079.000 | 6873.000 | 6873.000 | 6873.000 | 0.0 | 0.0 | 0.0 |
| GR | 707.600 | 1000.000 | 696.100 | 1200.000 | 695.000 | 1232.000 | 692.800 | 1470.000 | 692.100 | 1800.000 |
| GR | 688.500 | 1884.000 | 688.000 | 1872.000 | 685.900 | 1899.000 | 679.600 | 1914.500 | 673.500 | 1930.000 |
| GR | 667.500 | 1945.500 | 659.900 | 1961.500 | 660.600 | 2001.500 | 667.600 | 2017.500 | 673.300 | 2033.000 |
| GR | 680.000 | 2048.500 | 685.900 | 2064.000 | 687.300 | 2072.000 | 688.500 | 2079.000 | 692.400 | 2100.000 |
| GR | 692.700 | 2400.000 | 694.100 | 2500.000 | 699.900 | 2610.000 | 705.800 | 2700.000 | 0.0 | 0.0 |

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|----|------------|-------|-------|-----|---------|---------|----------|-----|-----|-----|
| X1 | 131290.000 | 0.0 | 0.0 | 0.0 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| SB | 1.050 | 1.500 | 2.500 | 0.0 | 195.000 | 12.600 | 3222.000 | 0.0 | 0.0 | 0.0 |

RONO NCSR 1819

MXLCEL 690.9

RDELV 692.5

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|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 131311.000 | 0.0 | 0.0 | 0.0 | 21.000 | 21.000 | 21.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 690.900 | 692.100 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 18.000 | 1000.000 | 707.600 | 0.0 | 1100.000 | 709.100 | 0.0 | 1200.000 | 696.100 | 0.0 |
| BT | 1300.000 | 693.700 | 0.0 | 1400.000 | 692.800 | 0.0 | 1500.000 | 692.700 | 0.0 | 1600.000 |
| BT | 692.500 | 0.0 | 1700.000 | 692.300 | 0.0 | 1800.000 | 692.100 | 0.0 | 1884.000 | 692.500 |
| BT | 690.900 | 2079.000 | 692.500 | 690.800 | 2100.000 | 692.400 | 0.0 | 2200.000 | 692.300 | 0.0 |
| BT | 2300.000 | 692.600 | 0.0 | 2400.000 | 692.700 | 0.0 | 2500.000 | 694.100 | 0.0 | 2600.000 |
| BT | 699.500 | 0.0 | 2700.000 | 705.800 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|-----------|----------|---------|-----|-----|-----|
| X1 | 131411.000 | 0.0 | 0.0 | 0.0 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| QT | 5.000 | 3800.000 | 5900.000 | 7200.000 | 10900.000 | 7200.000 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|-----------|-----------|-----------|----------|---------|----------|
| X1 | 143160.000 | 20.000 | 2060.000 | 2106.000 | 11749.000 | 11749.000 | 11749.000 | 0.0 | -2.600 | 0.0 |
| GR | 700.900 | 1000.000 | 693.400 | 1100.000 | 688.700 | 1200.000 | 683.700 | 1300.000 | 684.000 | 1400.000 |
| GR | 684.200 | 1500.000 | 683.800 | 1600.000 | 684.600 | 1700.000 | 684.800 | 1800.000 | 685.000 | 1900.000 |
| GR | 684.700 | 2000.000 | 685.300 | 2060.000 | 680.000 | 2083.000 | 681.100 | 2100.000 | 685.500 | 2106.000 |
| GR | 635.600 | 2200.000 | 686.400 | 2300.000 | 691.500 | 2400.000 | 696.200 | 2500.000 | 700.400 | 2600.000 |

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|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 143260.000 | 24.000 | 2794.500 | 2966.500 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 700.200 | 1000.000 | 698.600 | 1200.000 | 694.900 | 1500.000 | 692.500 | 1800.000 | 692.200 | 2100.000 |
| GR | 691.700 | 2700.000 | 688.500 | 2794.500 | 688.400 | 2797.500 | 686.400 | 2801.500 | 684.900 | 2828.000 |
| GR | 684.800 | 2863.000 | 684.800 | 2870.100 | 680.900 | 2875.400 | 678.700 | 2898.000 | 679.700 | 2910.500 |
| GR | 684.900 | 2933.000 | 685.800 | 2957.100 | 688.400 | 2962.400 | 688.400 | 2966.500 | 691.500 | 3000.000 |
| GR | 691.900 | 3200.000 | 694.100 | 3300.000 | 693.400 | 3400.000 | 705.600 | 3700.000 | 0.0 | 0.0 |
| SB | 1.050 | 1.500 | 2.500 | 0.0 | 172.000 | 8.300 | 928.000 | 0.0 | 0.0 | 0.0 |

RONO NCSR 1810

MXLCEL 689.5

RDELV 691.9

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|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 143282.000 | 0.0 | 0.0 | 0.0 | 22.000 | 22.000 | 22.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 689.500 | 691.500 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 20.000 | 1000.000 | 709.200 | 0.0 | 1200.000 | 698.600 | 0.0 | 1500.000 | 694.900 | 0.0 |
| BT | 1800.000 | 692.500 | 0.0 | 2000.000 | 692.000 | 0.0 | 2100.000 | 692.200 | 0.0 | 2200.000 |
| BT | 692.200 | 0.0 | 2300.000 | 692.100 | 0.0 | 2400.000 | 691.900 | 0.0 | 2500.000 | 691.700 |
| BT | 0.0 | 2600.000 | 691.600 | 0.0 | 2700.000 | 691.700 | 0.0 | 2794.500 | 691.800 | 689.500 |
| BT | 2966.500 | 691.800 | 689.500 | 3000.000 | 691.500 | 0.0 | 3100.000 | 691.600 | 0.0 | 3200.000 |
| BT | 691.900 | 0.0 | 3300.000 | 694.100 | 0.0 | 3400.000 | 693.400 | 0.0 | 3700.000 | 705.600 |
| BT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 143382.000 | 20.000 | 2060.000 | 2106.000 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 700.900 | 1000.000 | 693.400 | 1100.000 | 688.700 | 1200.000 | 683.700 | 1300.000 | 684.000 | 1400.000 |
| GR | 684.200 | 1500.000 | 683.800 | 1600.000 | 684.600 | 1700.000 | 684.800 | 1800.000 | 685.000 | 1900.000 |

Plot

Plot

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|----|---------|----------|----------|----------|-----------|----------|---------|----------|---------|----------|
| GR | 684.700 | 2000.000 | 685.300 | 2060.000 | 680.000 | 2083.000 | 681.100 | 2100.000 | 685.500 | 2106.000 |
| GR | 685.600 | 2200.000 | 686.400 | 2300.000 | 691.500 | 2400.000 | 696.200 | 2500.000 | 700.400 | 2600.000 |
| QT | 5.000 | 3700.000 | 5700.000 | 7000.000 | 10500.000 | 7000.000 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 147275.000 | 16.000 | 1119.000 | 1152.000 | 3893.000 | 3893.000 | 3893.000 | 0.0 | 0.0 | 0.0 |
| GR | 705.600 | 1000.000 | 690.300 | 1100.000 | 690.500 | 1119.000 | 684.300 | 1136.000 | 690.600 | 1152.000 |
| GR | 691.300 | 1200.000 | 691.000 | 1300.000 | 690.800 | 1400.000 | 690.500 | 1500.000 | 690.000 | 1600.000 |
| GR | 689.900 | 1700.000 | 689.700 | 1900.000 | 690.000 | 1900.000 | 689.800 | 2000.000 | 690.100 | 2054.000 |
| GR | 701.500 | 2200.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|-----------|----------|----------|----------|---------|----------|
| X1 | 152275.000 | 11.000 | 1362.000 | 1401.000 | 5000.000 | 5000.000 | 5000.000 | 0.0 | 0.0 | 0.0 |
| GR | 714.300 | 1000.000 | 707.400 | 1100.000 | 700.900 | 1200.000 | 698.600 | 1242.000 | 697.800 | 1300.000 |
| GR | 698.500 | 1362.000 | 690.600 | 1381.000 | 698.700 | 1401.000 | 697.600 | 1500.000 | 704.900 | 1600.000 |
| GR | 714.300 | 1671.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| QT | 5.000 | 3420.000 | 5600.000 | 6800.000 | 10100.000 | 6800.000 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 156790.000 | 14.000 | 1595.000 | 1630.000 | 4515.000 | 4515.000 | 4515.000 | 0.0 | 0.0 | 0.0 |
| GR | 722.300 | 1000.000 | 718.700 | 1100.000 | 716.500 | 1200.000 | 709.500 | 1300.000 | 706.300 | 1400.000 |
| GR | 705.100 | 1500.000 | 706.400 | 1595.000 | 696.800 | 1614.000 | 706.400 | 1630.000 | 705.800 | 1700.000 |
| GR | 705.500 | 1900.000 | 705.700 | 1900.000 | 705.000 | 2000.000 | 717.500 | 2100.000 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|---------|----------|----------|----------|---------|----------|
| X1 | 156890.000 | 18.000 | 1701.300 | 1848.700 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 728.900 | 1000.000 | 724.600 | 1100.000 | 724.200 | 1107.000 | 713.800 | 1400.000 | 706.300 | 1600.000 |
| GR | 704.800 | 1701.300 | 703.900 | 1730.000 | 706.100 | 1756.100 | 699.000 | 1760.000 | 698.500 | 1788.300 |
| GR | 705.300 | 1790.000 | 702.400 | 1820.000 | 702.700 | 1827.000 | 707.800 | 1848.700 | 713.000 | 2000.000 |
| GR | 719.100 | 2175.000 | 723.400 | 2300.000 | 727.100 | 2400.000 | 0.0 | 0.0 | 0.0 | 0.0 |
| SB | 1.250 | 1.500 | 2.500 | 0.0 | 147.400 | 14.000 | 1091.000 | 0.0 | 0.0 | 0.0 |

Plot

RONn NCSR 1800

MXLCEL 711.1

RDELV 713.1

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|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 156910.000 | 0.0 | 0.0 | 0.0 | 20.000 | 20.000 | 20.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 711.100 | 712.700 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 15.000 | 1000.000 | 728.900 | 0.0 | 1100.000 | 724.600 | 0.0 | 1200.000 | 721.000 | 0.0 |
| BT | 1300.000 | 717.700 | 0.0 | 1400.000 | 715.300 | 0.0 | 1500.000 | 714.000 | 0.0 | 1600.000 |
| BT | 712.700 | 0.0 | 1700.000 | 713.200 | 0.0 | 1701.300 | 713.100 | 711.100 | 1848.700 | 713.200 |
| BT | 711.100 | 1900.000 | 713.100 | 0.0 | 2000.000 | 713.000 | 0.0 | 2200.000 | 720.000 | 0.0 |
| BT | 2300.000 | 723.400 | 0.0 | 2400.000 | 727.100 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|-----------|----------|---------|----------|---------|----------|
| X1 | 157010.000 | 14.000 | 1595.000 | 1630.000 | 100.000 | 100.000 | 100.000 | 0.0 | 3.400 | 0.0 |
| GR | 722.300 | 1000.000 | 718.700 | 1100.000 | 716.500 | 1200.000 | 709.800 | 1300.000 | 706.300 | 1400.000 |
| GR | 705.100 | 1500.000 | 706.400 | 1595.000 | 696.800 | 1614.000 | 706.400 | 1630.000 | 705.800 | 1700.000 |
| GR | 705.500 | 1900.000 | 705.700 | 1900.000 | 705.000 | 2000.000 | 717.600 | 2100.000 | 0.0 | 0.0 |
| QT | 5.000 | 3400.000 | 5500.000 | 6700.000 | 10000.000 | 6700.000 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 160625.000 | 13.000 | 1283.000 | 1327.000 | 3615.000 | 3615.000 | 3615.000 | 0.0 | 0.0 | 0.0 |
| GR | 729.700 | 1000.000 | 719.900 | 1100.000 | 713.200 | 1200.000 | 713.600 | 1283.000 | 705.200 | 1304.000 |
| GR | 714.100 | 1327.000 | 712.500 | 1400.000 | 712.800 | 1500.000 | 713.100 | 1600.000 | 714.300 | 1700.000 |
| GR | 718.000 | 1800.000 | 721.400 | 1900.000 | 730.500 | 2000.000 | 0.0 | 0.0 | 0.0 | 0.0 |
| QT | 5.000 | 3110.000 | 5150.000 | 6500.000 | 9700.000 | 6500.000 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 164575.000 | 16.000 | 1854.000 | 1892.000 | 3950.000 | 3950.000 | 3950.000 | 0.0 | -0.400 | 0.0 |
| GR | 738.500 | 1000.000 | 730.900 | 1100.000 | 724.600 | 1200.000 | 721.500 | 1300.000 | 719.600 | 1400.000 |
| GR | 720.200 | 1500.000 | 720.900 | 1600.000 | 721.600 | 1700.000 | 722.200 | 1800.000 | 720.800 | 1854.000 |
| GR | 712.600 | 1872.000 | 721.600 | 1892.000 | 721.100 | 2000.000 | 726.300 | 2200.000 | 731.800 | 2300.000 |
| GR | 737.100 | 2400.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|--------|----------|----------|---------|---------|---------|-----|-----|-----|
| X1 | 164675.000 | 18.000 | 1886.000 | 1929.000 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
|----|------------|--------|----------|----------|---------|---------|---------|-----|-----|-----|

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|----|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| GR | 741.100 | 1000.000 | 735.100 | 1100.000 | 729.600 | 1200.000 | 727.900 | 1300.000 | 726.200 | 1400.000 |
| GR | 726.100 | 1600.000 | 725.800 | 1700.000 | 720.800 | 1734.000 | 714.000 | 1886.000 | 712.400 | 1892.000 |
| GR | 713.100 | 1906.300 | 718.200 | 1925.000 | 718.300 | 1929.000 | 722.300 | 2082.000 | 727.300 | 2100.000 |
| GR | 729.100 | 2200.000 | 733.000 | 2300.000 | 736.700 | 2400.000 | 0.0 | 0.0 | 0.0 | 0.0 |
| SB | 0.900 | 1.500 | 2.500 | 0.0 | 43.000 | 0.010 | 361.000 | 0.0 | 0.0 | 0.0 |

RDN0 NCSR 1700

MXLCEL 723.0

RDELV 725.9

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|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 164693.000 | 0.0 | 0.0 | 0.0 | 18.000 | 18.000 | 18.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 703.000 | 725.400 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 16.000 | 1000.000 | 741.000 | 0.0 | 1100.000 | 735.100 | 0.0 | 1200.000 | 729.600 | 0.0 |
| BT | 1300.000 | 727.900 | 0.0 | 1400.000 | 726.200 | 0.0 | 1500.000 | 726.100 | 0.0 | 1600.000 |
| BT | 726.100 | 0.0 | 1700.000 | 725.800 | 0.0 | 1800.000 | 725.500 | 0.0 | 1886.000 | 725.900 |
| BT | 723.000 | 1929.000 | 725.700 | 722.900 | 2000.000 | 725.400 | 0.0 | 2100.000 | 727.300 | 0.0 |
| BT | 2200.000 | 729.100 | 0.0 | 2300.000 | 733.000 | 0.0 | 2400.000 | 736.700 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|----------|----------|---------|----------|---------|----------|
| X1 | 164793.000 | 16.000 | 1854.000 | 1892.000 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 738.500 | 1000.000 | 730.900 | 1100.000 | 724.600 | 1200.000 | 721.500 | 1300.000 | 719.600 | 1400.000 |
| GR | 720.200 | 1500.000 | 720.900 | 1600.000 | 721.600 | 1700.000 | 722.200 | 1800.000 | 720.800 | 1854.000 |
| GR | 712.600 | 1872.000 | 721.600 | 1892.000 | 721.100 | 2000.000 | 726.300 | 2200.000 | 731.800 | 2300.000 |
| GR | 737.100 | 2400.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| QT | 5.000 | 3100.000 | 5100.000 | 6450.000 | 9650.000 | 6450.000 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 166275.000 | 16.000 | 2012.000 | 2063.000 | 1482.000 | 1482.000 | 1482.000 | 0.0 | 0.0 | 0.0 |
| GR | 742.100 | 1000.000 | 732.700 | 1100.000 | 733.700 | 1200.000 | 729.700 | 1400.000 | 727.100 | 1500.000 |
| GR | 723.900 | 1600.000 | 723.800 | 1700.000 | 723.400 | 1800.000 | 723.900 | 1900.000 | 724.200 | 2000.000 |
| GR | 724.000 | 2012.000 | 716.300 | 2036.000 | 724.800 | 2063.000 | 723.200 | 2200.000 | 723.000 | 2300.000 |
| GR | 732.900 | 2400.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 167525.000 | 15.000 | 1600.000 | 1644.000 | 1250.000 | 1250.000 | 1250.000 | 0.0 | 0.0 | 0.0 |
| GR | 746.000 | 1000.000 | 738.400 | 1100.000 | 732.900 | 1200.000 | 730.200 | 1300.000 | 727.100 | 1400.000 |
| GR | 727.600 | 1500.000 | 727.300 | 1600.000 | 718.800 | 1625.000 | 726.600 | 1644.000 | 726.400 | 1700.000 |
| GR | 726.500 | 1800.000 | 727.200 | 1900.000 | 731.400 | 2000.000 | 738.900 | 2100.000 | 743.800 | 2200.000 |

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|----|------------|----------|----------|----------|---------|----------|----------|----------|---------|----------|
| X1 | 167625.000 | 19.000 | 1636.700 | 1773.300 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 753.500 | 1000.000 | 734.000 | 1200.000 | 733.400 | 1636.700 | 732.300 | 1641.700 | 728.600 | 1649.100 |
| GR | 726.800 | 1669.000 | 721.600 | 1679.000 | 721.400 | 1681.000 | 719.900 | 1710.300 | 724.900 | 1724.000 |
| GR | 724.800 | 1725.000 | 724.400 | 1745.700 | 731.900 | 1766.000 | 731.800 | 1773.300 | 734.000 | 1900.000 |
| GR | 739.100 | 2200.000 | 741.900 | 2300.000 | 745.500 | 2400.000 | 749.900 | 2500.000 | 0.0 | 0.0 |
| SB | 1.250 | 1.500 | 2.500 | 0.0 | 136.600 | 5.600 | 1030.000 | 0.0 | 0.0 | 0.0 |

RDN0 NC #109

MXLCEL 733.4

RDELV 737.4

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|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 167648.000 | 0.0 | 0.0 | 0.0 | 23.000 | 23.000 | 23.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 733.400 | 737.100 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 17.000 | 1000.000 | 753.500 | 0.0 | 1100.000 | 746.800 | 0.0 | 1200.000 | 741.600 | 0.0 |
| BT | 1300.000 | 738.400 | 0.0 | 1400.000 | 737.200 | 0.0 | 1500.000 | 737.200 | 0.0 | 1600.000 |
| BT | 737.100 | 0.0 | 1636.700 | 737.400 | 733.400 | 1773.300 | 737.400 | 733.400 | 1800.000 | 737.400 |
| BT | 0.0 | 1900.000 | 737.300 | 0.0 | 2000.000 | 737.200 | 0.0 | 2100.000 | 737.400 | 0.0 |
| BT | 2200.000 | 739.100 | 0.0 | 2300.000 | 741.900 | 0.0 | 2400.000 | 745.500 | 0.0 | 2500.000 |
| BT | 749.900 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|----------|----------|---------|----------|---------|----------|
| X1 | 167748.000 | 15.000 | 1600.000 | 1644.000 | 100.000 | 100.000 | 100.000 | 0.0 | 2.200 | 0.0 |
| GR | 746.000 | 1000.000 | 738.400 | 1100.000 | 732.900 | 1200.000 | 730.200 | 1300.000 | 727.100 | 1400.000 |
| GR | 727.600 | 1500.000 | 727.300 | 1600.000 | 718.800 | 1625.000 | 726.600 | 1644.000 | 726.400 | 1700.000 |
| GR | 726.500 | 1800.000 | 727.200 | 1900.000 | 731.400 | 2000.000 | 738.900 | 2100.000 | 743.800 | 2200.000 |
| QT | 5.000 | 2490.000 | 4000.000 | 5000.000 | 7500.000 | 5000.000 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 170400.000 | 16.000 | 1171.000 | 1207.000 | 2652.000 | 2652.000 | 2652.000 | 0.0 | 0.0 | 0.0 |
| GR | 749.900 | 1000.000 | 730.000 | 1100.000 | 730.700 | 1171.000 | 723.500 | 1186.000 | 731.900 | 1207.000 |
| GR | 730.000 | 1300.000 | 730.300 | 1400.000 | 732.900 | 1500.000 | 734.500 | 1600.000 | 735.700 | 1700.000 |
| GR | 736.000 | 1800.000 | 736.600 | 1900.000 | 739.100 | 2000.000 | 742.300 | 2100.000 | 745.700 | 2200.000 |
| GR | 743.800 | 2300.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| QT | 5.000 | 2480.000 | 3990.000 | 4990.000 | 7490.000 | 4990.000 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 172400.000 | 10.000 | 1447.000 | 1485.000 | 2000.000 | 2000.000 | 2000.000 | 0.0 | 0.0 | 0.0 |
| GR | 752.900 | 1000.000 | 733.500 | 1100.000 | 733.500 | 1200.000 | 733.400 | 1300.000 | 734.000 | 1400.000 |
| GR | 734.600 | 1447.000 | 726.600 | 1468.000 | 733.300 | 1485.000 | 740.500 | 1700.000 | 752.900 | 1897.000 |

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|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 172700.000 | 15.000 | 1749.000 | 1856.000 | 300.000 | 300.000 | 300.000 | 0.0 | 0.0 | 0.0 |
| GR | 755.000 | 1000.000 | 749.000 | 1172.000 | 737.800 | 1400.000 | 732.900 | 1749.000 | 732.700 | 1755.100 |
| GR | 727.900 | 1761.900 | 727.800 | 1782.800 | 730.400 | 1787.800 | 733.300 | 1796.000 | 733.600 | 1826.000 |
| GR | 733.100 | 1840.600 | 735.600 | 1856.000 | 738.000 | 2097.000 | 750.000 | 2507.000 | 755.000 | 2593.000 |
| SB | 1.250 | 1.500 | 2.500 | 0.0 | 107.000 | 4.000 | 566.000 | 0.0 | 0.0 | 0.0 |

R0ND NCSF 1755 MXLCEL 737.3 RDELV 740.0

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|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 172720.000 | 0.0 | 0.0 | 0.0 | 20.000 | 20.000 | 20.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 737.300 | 739.500 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 18.000 | 1000.000 | 755.000 | 0.0 | 1100.000 | 751.900 | 0.0 | 1200.000 | 748.800 | 0.0 |
| BT | 1300.000 | 746.300 | 0.0 | 1400.000 | 743.800 | 0.0 | 1500.000 | 742.200 | 0.0 | 1600.000 |
| BT | 740.600 | 0.0 | 1700.000 | 740.200 | 0.0 | 1749.000 | 740.000 | 737.300 | 1856.000 | 739.900 |
| BT | 737.300 | 1900.000 | 739.600 | 0.0 | 2000.000 | 739.500 | 0.0 | 2100.000 | 740.900 | 0.0 |
| BT | 2200.000 | 742.300 | 0.0 | 2300.000 | 744.800 | 0.0 | 2400.000 | 747.200 | 0.0 | 2500.000 |
| BT | 751.500 | 0.0 | 2593.000 | 755.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 173020.000 | 10.000 | 1447.000 | 1485.000 | 300.000 | 300.000 | 300.000 | 0.0 | 0.0 | 0.0 |
| GR | 752.900 | 1000.000 | 733.500 | 1100.000 | 733.500 | 1200.000 | 733.400 | 1300.000 | 734.000 | 1400.000 |
| GR | 734.600 | 1447.000 | 726.600 | 1468.000 | 733.300 | 1485.000 | 740.500 | 1700.000 | 752.900 | 1897.000 |

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|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 175100.000 | 13.000 | 1439.000 | 1494.000 | 2080.000 | 2080.000 | 2080.000 | 0.0 | 0.0 | 0.0 |
| GR | 755.600 | 1000.000 | 742.600 | 1100.000 | 738.900 | 1200.000 | 739.300 | 1300.000 | 740.200 | 1400.000 |
| GR | 740.700 | 1439.000 | 734.400 | 1468.000 | 740.400 | 1494.000 | 740.700 | 1600.000 | 740.100 | 1700.000 |
| GR | 739.600 | 1800.000 | 743.900 | 2000.000 | 749.600 | 2100.000 | 0.0 | 0.0 | 0.0 | 0.0 |
| QT | 5.000 | 2390.000 | 3900.000 | 4800.000 | 7300.000 | 4800.000 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 179375.000 | 13.000 | 1095.000 | 1133.000 | 4275.000 | 4275.000 | 4275.000 | 0.0 | 2.100 | 0.0 |
| GR | 765.700 | 1000.000 | 747.900 | 1095.000 | 741.500 | 1114.000 | 746.800 | 1133.000 | 748.600 | 1200.000 |
| GR | 747.900 | 1300.000 | 747.400 | 1400.000 | 748.300 | 1500.000 | 749.600 | 1600.000 | 753.000 | 1700.000 |
| GR | 754.700 | 1800.000 | 761.900 | 1900.000 | 765.700 | 1946.000 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 179475.000 | 17.000 | 1177.000 | 1257.000 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 749.300 | 1000.000 | 756.000 | 1060.000 | 753.300 | 1085.000 | 750.900 | 1177.000 | 749.600 | 1187.200 |
| GR | 745.100 | 1201.200 | 744.600 | 1217.000 | 744.900 | 1236.200 | 747.900 | 1248.500 | 749.800 | 1257.000 |
| GR | 750.000 | 1400.000 | 750.400 | 1500.000 | 750.900 | 1600.000 | 753.800 | 1700.000 | 756.600 | 1800.000 |
| GR | 764.100 | 1900.000 | 769.300 | 1980.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| SB | 1.250 | 1.500 | 2.500 | 0.0 | 80.000 | 2.000 | 408.000 | 0.0 | 0.0 | 0.0 |

R0ND GOLF CART TRAIL MXLCEL 752.6 RDELV 754.3

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|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 179484.000 | 0.0 | 0.0 | 0.0 | 9.000 | 9.000 | 9.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 752.600 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 14.000 | 1000.000 | 769.300 | 0.0 | 1060.000 | 756.000 | 0.0 | 1085.000 | 753.300 | 0.0 |
| BT | 1177.000 | 753.600 | 751.900 | 1217.000 | 754.300 | 752.600 | 1257.000 | 752.900 | 751.200 | 1300.000 |
| BT | 751.200 | 0.0 | 1400.000 | 750.000 | 0.0 | 1500.000 | 750.400 | 0.0 | 1600.000 | 750.900 |
| BT | 0.0 | 1700.000 | 1753.000 | 0.0 | 1800.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Plot

Plot

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| BT | 1980.000 | 769.300 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 179584.000 | 13.000 | 1095.000 | 1133.000 | 100.000 | 100.000 | 100.000 | 0.0 | 4.100 | 0.0 |
| GR | 765.700 | 1000.000 | 747.900 | 1095.000 | 741.500 | 1114.000 | 746.800 | 1133.000 | 748.600 | 1200.000 |
| GR | 747.900 | 1300.000 | 747.400 | 1400.000 | 748.300 | 1500.000 | 749.600 | 1600.000 | 753.000 | 1700.000 |
| GR | 754.700 | 1800.000 | 761.900 | 1900.000 | 765.700 | 1946.000 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 179825.000 | 12.000 | 1098.000 | 1190.000 | 241.000 | 241.000 | 241.000 | 0.0 | -1.200 | 0.0 |
| GR | 763.000 | 1000.000 | 749.800 | 1083.000 | 749.000 | 1098.000 | 748.000 | 1100.000 | 746.400 | 1112.000 |
| GR | 747.300 | 1125.000 | 748.800 | 1130.000 | 750.900 | 1200.000 | 752.100 | 1300.000 | 753.500 | 1375.000 |
| GR | 752.500 | 1378.000 | 763.000 | 1460.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 179925.000 | 15.000 | 1290.000 | 1370.000 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 768.000 | 1000.000 | 760.300 | 1100.000 | 754.200 | 1200.000 | 747.100 | 1290.000 | 747.900 | 1324.000 |
| GR | 745.800 | 1330.000 | 746.300 | 1341.100 | 744.000 | 1352.600 | 746.600 | 1357.200 | 749.300 | 1370.000 |
| GR | 752.700 | 1400.000 | 754.200 | 1500.000 | 753.500 | 1587.000 | 752.700 | 1589.000 | 768.000 | 1650.000 |
| SR | 1.250 | 1.500 | 2.500 | 0.0 | 80.000 | 2.000 | 458.000 | 0.0 | 0.0 | 0.0 |

RDNO GOLF CART TRAIL MXLCEL 754.2 RDELV 755.9

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 179933.000 | 0.0 | 0.0 | 0.0 | 8.000 | 8.000 | 8.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 754.200 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 12.000 | 1000.000 | 768.000 | 0.0 | 1100.000 | 760.300 | 0.0 | 1200.000 | 754.200 | 0.0 |
| BT | 1234.000 | 752.600 | 0.0 | 1290.000 | 753.300 | 751.700 | 1340.000 | 755.900 | 754.200 | 1370.000 |
| BT | 752.700 | 751.100 | 1400.000 | 752.700 | 0.0 | 1500.000 | 754.200 | 0.0 | 1587.000 | 753.500 |
| BT | 0.0 | 1589.000 | 752.700 | 0.0 | 1650.000 | 768.000 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 180033.000 | 12.000 | 1098.000 | 1130.000 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 763.000 | 1000.000 | 749.800 | 1083.000 | 749.000 | 1098.000 | 748.000 | 1100.000 | 746.400 | 1112.000 |
| GR | 747.300 | 1125.000 | 748.800 | 1130.000 | 750.900 | 1200.000 | 752.100 | 1300.000 | 753.500 | 1375.000 |
| GR | 752.500 | 1378.000 | 763.000 | 1460.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 180900.000 | 13.000 | 1109.000 | 1167.000 | 867.000 | 867.000 | 867.000 | 0.0 | 0.600 | 0.0 |
| GR | 766.700 | 1000.000 | 753.600 | 1070.000 | 751.200 | 1100.000 | 751.000 | 1109.000 | 749.600 | 1112.000 |
| GR | 748.500 | 1124.000 | 749.500 | 1165.000 | 750.800 | 1167.000 | 753.600 | 1200.000 | 752.700 | 1300.000 |
| GR | 751.900 | 1400.000 | 759.900 | 1455.000 | 766.700 | 1500.000 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 180950.000 | 14.000 | 1279.000 | 1359.000 | 50.000 | 50.000 | 50.000 | 0.0 | -1.000 | 0.0 |
| GR | 770.800 | 1000.000 | 761.000 | 1100.000 | 756.800 | 1200.000 | 752.500 | 1279.000 | 747.800 | 1286.500 |
| GR | 745.000 | 1300.000 | 750.200 | 1319.000 | 751.600 | 1355.000 | 753.400 | 1359.000 | 754.000 | 1400.000 |
| GR | 753.600 | 1500.000 | 763.200 | 1600.000 | 760.000 | 1681.000 | 770.800 | 1781.000 | 0.0 | 0.0 |
| SR | 1.250 | 1.500 | 2.500 | 0.0 | 80.000 | 2.000 | 504.000 | 0.0 | 0.0 | 0.0 |

RDNO GOLF CART TRAIL MXLCEL 757.2 RDELV 758.9

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 180958.000 | 0.0 | 0.0 | 0.0 | 8.000 | 8.000 | 8.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 757.200 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 11.000 | 1000.000 | 769.800 | 0.0 | 1100.000 | 760.000 | 0.0 | 1200.000 | 755.800 | 0.0 |
| BT | 1279.000 | 755.200 | 753.400 | 1319.000 | 758.900 | 757.200 | 1359.000 | 756.000 | 754.200 | 1400.000 |
| BT | 753.000 | 0.0 | 1500.000 | 752.600 | 0.0 | 1600.000 | 752.200 | 0.0 | 1681.000 | 759.000 |
| BT | 0.0 | 1781.000 | 770.800 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 181008.000 | 13.000 | 1109.000 | 1167.000 | 50.000 | 50.000 | 50.000 | 0.0 | 0.800 | 0.0 |
| GR | 766.700 | 1000.000 | 753.600 | 1070.000 | 751.200 | 1100.000 | 751.000 | 1109.000 | 749.600 | 1112.000 |
| GR | 748.500 | 1124.000 | 749.500 | 1165.000 | 750.800 | 1167.000 | 753.600 | 1200.000 | 752.700 | 1300.000 |
| GR | 751.900 | 1400.000 | 759.900 | 1455.000 | 766.700 | 1500.000 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Plot

Plot

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 181150.000 | 11.000 | 1119.000 | 1169.000 | 142.000 | 142.000 | 142.000 | 0.0 | -0.700 | 0.0 |
| GR | 772.900 | 1000.000 | 756.700 | 1057.000 | 755.200 | 1119.000 | 750.500 | 1143.000 | 754.900 | 1169.000 |
| GR | 755.600 | 1200.000 | 758.300 | 1300.000 | 757.200 | 1400.000 | 756.700 | 1502.000 | 763.500 | 1600.000 |
| GR | 771.600 | 1700.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 181200.000 | 21.000 | 2148.000 | 2251.000 | 50.000 | 50.000 | 50.000 | 0.0 | 0.0 | 0.0 |
| GR | 773.600 | 1000.000 | 770.000 | 1200.000 | 764.600 | 1400.000 | 762.400 | 1600.000 | 761.600 | 1800.000 |
| GR | 751.800 | 1986.000 | 756.500 | 2077.000 | 752.900 | 2148.000 | 751.800 | 2165.500 | 751.000 | 2182.000 |
| GR | 749.800 | 2199.500 | 751.300 | 2217.000 | 750.400 | 2233.000 | 752.800 | 2240.600 | 753.000 | 2251.000 |
| GR | 752.800 | 2300.000 | 764.400 | 2500.000 | 766.400 | 2700.000 | 771.300 | 2963.000 | 772.300 | 3000.000 |
| GR | 779.000 | 3200.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| SH | 1.050 | 1.500 | 2.500 | 0.0 | 103.000 | 3.600 | 905.000 | 0.0 | 0.0 | 0.0 |

RDNQ NCSR 1743

MXLCEL 760.4

RDELV 762.8

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 181220.000 | 0.0 | 0.0 | 0.0 | 20.000 | 20.000 | 20.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 760.400 | 761.600 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 24.000 | 1000.000 | 778.600 | 0.0 | 1100.000 | 774.300 | 0.0 | 1200.000 | 770.000 | 0.0 |
| BT | 1800.000 | 767.300 | 0.0 | 1400.000 | 764.600 | 0.0 | 1500.000 | 763.300 | 0.0 | 1600.000 |
| BT | 762.400 | 0.0 | 1700.000 | 761.900 | 0.0 | 1800.000 | 761.600 | 0.0 | 1900.000 | 761.800 |
| BT | 0.0 | 2000.000 | 761.900 | 0.0 | 2100.000 | 762.500 | 0.0 | 2148.000 | 762.800 | 760.400 |
| BT | 2251.000 | 762.800 | 760.400 | 2300.000 | 763.200 | 0.0 | 2400.000 | 763.400 | 0.0 | 2500.000 |
| BT | 764.400 | 0.0 | 2600.000 | 764.900 | 0.0 | 2700.000 | 766.400 | 0.0 | 2800.000 | 767.700 |
| BT | 0.0 | 2900.000 | 770.000 | 0.0 | 3000.000 | 772.300 | 0.0 | 3100.000 | 775.600 | 0.0 |
| BT | 3200.000 | 779.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 181420.000 | 11.000 | 1119.000 | 1169.000 | 200.000 | 200.000 | 200.000 | 0.0 | 0.0 | 0.0 |
| GR | 772.900 | 1000.000 | 756.700 | 1057.000 | 755.200 | 1119.000 | 750.500 | 1143.000 | 754.900 | 1169.000 |
| GR | 755.600 | 1200.000 | 758.300 | 1300.000 | 757.200 | 1400.000 | 756.700 | 1502.000 | 763.500 | 1600.000 |
| GR | 771.600 | 1700.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 182625.000 | 16.000 | 1422.000 | 1502.000 | 1205.000 | 1205.000 | 1205.000 | 0.0 | -0.100 | 0.0 |
| GR | 777.100 | 1000.000 | 763.800 | 1098.000 | 762.100 | 1200.000 | 760.700 | 1300.000 | 760.900 | 1400.000 |
| GR | 759.000 | 1422.000 | 758.000 | 1429.000 | 757.800 | 1436.000 | 756.400 | 1462.000 | 755.700 | 1467.000 |
| GR | 754.200 | 1470.000 | 753.200 | 1494.000 | 759.200 | 1502.000 | 761.700 | 1546.000 | 765.800 | 1600.000 |
| GR | 777.000 | 1700.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|-------|-------|-----|---------|---------|---------|-----|-----|-----|
| X1 | 182725.000 | 0.0 | 0.0 | 0.0 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| SH | 1.250 | 1.500 | 2.500 | 0.0 | 80.000 | 2.000 | 418.000 | 0.0 | 0.0 | 0.0 |

RDNQ GOLF CAPT TRAIL MXLCEL 762.3

RDELV 764.0

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|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 182733.000 | 0.0 | 0.0 | 0.0 | 8.000 | 8.000 | 8.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 762.300 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 11.000 | 1000.000 | 771.100 | 0.0 | 1098.000 | 763.800 | 0.0 | 1200.000 | 762.100 | 0.0 |
| BT | 1300.000 | 760.700 | 0.0 | 1400.000 | 760.900 | 0.0 | 1422.000 | 762.200 | 760.600 | 1462.000 |
| BT | 764.000 | 762.300 | 1502.000 | 762.600 | 760.800 | 1546.000 | 761.700 | 0.0 | 1600.000 | 765.800 |
| BT | 0.0 | 1700.000 | 777.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|-----|-----|-----|---------|---------|---------|-----|-------|-----|
| X1 | 182833.000 | 0.0 | 0.0 | 0.0 | 100.000 | 100.000 | 100.000 | 0.0 | 0.100 | 0.0 |
|----|------------|-----|-----|-----|---------|---------|---------|-----|-------|-----|

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|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 184625.000 | 14.000 | 1400.000 | 1450.000 | 1792.000 | 1792.000 | 1792.000 | 0.0 | 0.0 | 0.0 |
| GR | 773.900 | 1000.000 | 770.600 | 1100.000 | 765.700 | 1200.000 | 765.000 | 1300.000 | 765.000 | 1383.000 |
| GR | 761.500 | 1392.000 | 760.500 | 1400.000 | 758.400 | 1404.000 | 756.900 | 1425.000 | 757.200 | 1441.000 |
| GR | 760.100 | 1442.000 | 765.000 | 1451.000 | 764.100 | 1500.000 | 772.100 | 1600.000 | 0.0 | 0.0 |

Plot

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 184725.000 | 19.000 | 1375.000 | 1455.000 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 773.900 | 1000.000 | 766.700 | 1100.000 | 765.000 | 1200.000 | 764.400 | 1300.000 | 763.700 | 1375.300 |
| GR | 763.500 | 1386.000 | 761.800 | 1390.600 | 760.900 | 1396.700 | 757.000 | 1402.700 | 757.500 | 1415.000 |
| GR | 757.500 | 1434.200 | 765.600 | 1450.700 | 765.900 | 1455.000 | 766.900 | 1500.000 | 765.900 | 1600.000 |
| GR | 755.500 | 1700.000 | 767.400 | 1800.000 | 769.200 | 1831.000 | 773.900 | 1931.000 | 0.0 | 0.0 |
| SB | 1.250 | 1.500 | 2.500 | 0.0 | 80.000 | 2.000 | 442.000 | 0.0 | 0.0 | 0.0 |

ROND GOLF CART TRAIL MXLCEL 766.7

RDELV 768.4

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|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 184733.000 | 0.0 | 0.0 | 0.0 | 8.000 | 8.000 | 8.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 766.700 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 13.000 | 1000.000 | 773.900 | 0.0 | 1100.000 | 766.700 | 0.0 | 1200.000 | 765.000 | 0.0 |
| BT | 1300.000 | 764.400 | 0.0 | 1375.000 | 765.900 | 764.100 | 1415.000 | 768.400 | 766.700 | 1455.000 |
| BT | 768.400 | 766.600 | 1500.000 | 766.900 | 0.0 | 1600.000 | 765.900 | 0.0 | 1700.000 | 765.500 |
| BT | 0.0 | 1800.000 | 767.400 | 0.0 | 1831.000 | 769.200 | 0.0 | 1931.000 | 773.900 | 0.0 |

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|----|------------|----------|----------|----------|----------|----------|---------|----------|---------|----------|
| X1 | 184813.000 | 14.000 | 1400.000 | 1451.000 | 80.000 | 80.000 | 80.000 | 0.0 | 0.300 | 0.0 |
| GR | 773.900 | 1000.000 | 770.600 | 1100.000 | 765.700 | 1200.000 | 765.000 | 1300.000 | 765.000 | 1383.000 |
| GR | 761.500 | 1392.000 | 760.500 | 1400.000 | 758.400 | 1404.000 | 756.900 | 1425.000 | 757.200 | 1441.000 |
| GR | 760.100 | 1442.000 | 765.000 | 1451.000 | 764.100 | 1500.000 | 772.100 | 1600.000 | 0.0 | 0.0 |
| BT | 5.000 | 2250.000 | 3750.000 | 4650.000 | 6950.000 | 4650.000 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 184885.000 | 13.000 | 1500.000 | 1558.000 | 72.000 | 72.000 | 72.000 | 0.0 | 0.0 | 0.0 |
| GR | 782.200 | 1000.000 | 768.500 | 1055.000 | 767.100 | 1100.000 | 766.600 | 1200.000 | 765.700 | 1300.000 |
| GR | 763.000 | 1400.000 | 760.900 | 1500.000 | 757.500 | 1516.000 | 766.500 | 1558.000 | 767.200 | 1595.000 |
| GR | 777.400 | 1628.000 | 779.500 | 1700.000 | 782.200 | 1778.000 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 184985.000 | 20.000 | 1589.000 | 1677.000 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 790.700 | 1000.000 | 778.000 | 1100.000 | 770.400 | 1162.000 | 764.900 | 1270.000 | 766.100 | 1500.000 |
| GR | 767.700 | 1589.000 | 767.300 | 1595.000 | 758.600 | 1618.000 | 758.100 | 1636.400 | 758.200 | 1648.000 |
| GR | 766.400 | 1665.700 | 767.600 | 1677.000 | 771.200 | 1700.000 | 771.600 | 1950.000 | 773.300 | 2000.000 |
| GR | 776.000 | 2100.000 | 777.500 | 2200.000 | 780.900 | 2300.000 | 788.800 | 2400.000 | 790.700 | 2428.000 |
| SB | 1.250 | 1.500 | 2.500 | 0.0 | 88.000 | 2.000 | 813.000 | 0.0 | 0.0 | 0.0 |

ROND ST. ANDREWS DR. MXLCEL 772.2

RDELV 774.3

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 185011.000 | 0.0 | 0.0 | 0.0 | 26.000 | 26.000 | 26.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 772.300 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 17.000 | 1000.000 | 790.700 | 0.0 | 1100.000 | 778.000 | 0.0 | 1200.000 | 770.400 | 0.0 |
| BT | 1300.000 | 767.800 | 0.0 | 1480.000 | 768.000 | 0.0 | 1500.000 | 772.000 | 0.0 | 1589.000 |
| BT | 774.500 | 772.300 | 1677.000 | 774.300 | 772.200 | 1700.000 | 774.000 | 0.0 | 1800.000 | 772.400 |
| BT | 0.0 | 1950.000 | 771.600 | 0.0 | 2000.000 | 773.300 | 0.0 | 2100.000 | 776.000 | 0.0 |
| BT | 2200.000 | 777.500 | 0.0 | 2300.000 | 780.900 | 0.0 | 2400.000 | 788.800 | 0.0 | 2428.000 |
| BT | 790.700 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 185211.000 | 13.000 | 1500.000 | 1558.000 | 200.000 | 200.000 | 200.000 | 0.0 | 1.000 | 0.0 |
| GR | 782.200 | 1000.000 | 768.500 | 1055.000 | 767.100 | 1100.000 | 766.600 | 1200.000 | 765.700 | 1300.000 |
| GR | 763.000 | 1400.000 | 760.900 | 1500.000 | 757.500 | 1516.000 | 766.500 | 1558.000 | 767.200 | 1595.000 |
| GR | 777.400 | 1628.000 | 779.500 | 1700.000 | 782.200 | 1778.000 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 186250.000 | 17.000 | 1400.000 | 1450.000 | 1039.000 | 1039.000 | 1039.000 | 0.0 | 0.0 | 0.0 |
| GR | 785.200 | 1000.000 | 769.500 | 1090.000 | 767.800 | 1200.000 | 767.400 | 1300.000 | 766.000 | 1400.000 |
| GR | 766.100 | 1406.300 | 763.500 | 1429.000 | 761.000 | 1437.300 | 760.600 | 1440.000 | 759.700 | 1462.300 |
| GR | 764.400 | 1467.300 | 767.000 | 1480.000 | 769.500 | 1500.000 | 770.200 | 1523.000 | 773.300 | 1600.000 |
| GP | 776.800 | 1697.000 | 785.200 | 1755.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|-----|-----|-----|---------|---------|---------|-----|-----|-----|
| X1 | 186350.000 | 0.0 | 0.0 | 0.0 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
|----|------------|-----|-----|-----|---------|---------|---------|-----|-----|-----|

Plot

Plot

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

T1 DAVIDSON COUNTY BASIN E STREAM 1 ABBOTTS CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

| | | | | | | | | | | |
|----|--------|-------|--------|-------|----------|--------|-------|-----|---------|--------|
| J1 | ICHECK | INO | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FG |
| | -10. | 3. | 0. | 0. | 0.000400 | 0.0 | 0.0 | 0. | 615.000 | 0.0 |
| J2 | NPROF | IPL0T | PRFVS | XSECV | XSECH | FN | ALLOC | IBW | CHNIM | ITRACE |
| | 2.000 | 0.0 | -1.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

*PROF 2

CCHV= 0.100 CEHV= 0.300

*SECNO 62400.000

| SECNO | DEPTH | CWSEL | CRIWS | WSELK | EG | HV | HL | LOSS | BANK ELEV |
|----------|--------|--------|--------|--------|--------|-------|-------|--------|------------|
| Q | QLOB | OCH | QROB | ALOB | ACH | AROB | VOL | TWA | LEFT/RIGHT |
| TIME | VLOB | VCH | VROB | XNL | XNCH | XNR | WTN | ELMIN | SSTA |
| SLOPE | XLOBL | YLCH | XLOBR | ITRIAL | IDC | ICONT | CORAR | TOPWID | ENDST |
| 62400.00 | 19.73 | 628.73 | 0.0 | 615.00 | 629.13 | 0.40 | 0.0 | 0.0 | 624.70 |
| 15400. | 2464. | 10753. | 2183. | 1297. | 1802. | 1046. | 0. | 0. | 624.80 |
| 0.0 | 1.90 | 5.97 | 2.09 | 0.043 | 0.028 | 0.043 | 0.0 | 609.00 | 1179.52 |
| 0.000402 | 62400. | 62400. | 62400. | 0 | 0 | 11 | 0.0 | 670.09 | 1849.61 |

*SECNO 65150.000

| | | | | | | | | | |
|----------|-------|--------|-------|-------|--------|-------|-------|--------|---------|
| 65150.00 | 14.36 | 629.86 | 0.0 | 0.0 | 630.06 | 0.20 | 0.91 | 0.02 | 624.90 |
| 15300. | 1149. | 8251. | 5900. | 639. | 1792. | 3060. | 304. | 45. | 625.30 |
| 0.23 | 1.80 | 4.60 | 1.93 | 0.043 | 0.028 | 0.043 | 0.028 | 615.50 | 1046.49 |
| 0.000274 | 2750. | 2750. | 2750. | 2 | 0 | 0 | 0.0 | 767.30 | 1813.80 |

*SECNO 67800.000

3301 HV CHANGED MORE THAN HVINS

| | | | | | | | | | |
|----------|-------|--------|-------|-------|--------|-------|-------|--------|---------|
| 67800.00 | 18.32 | 630.52 | 0.0 | 0.0 | 631.32 | 0.80 | 1.08 | 0.18 | 623.50 |
| 15300. | 3856. | 10846. | 597. | 1410. | 1302. | 240. | 561. | 82. | 616.30 |
| 0.34 | 2.73 | 8.33 | 2.49 | 0.043 | 0.028 | 0.043 | 0.028 | 612.20 | 1259.90 |
| 0.000672 | 2650. | 2650. | 2650. | 2 | 0 | 0 | 0.0 | 449.88 | 1709.78 |

*SECNO 72450.000

| | | | | | | | | | |
|----------|-------|--------|-------|-------|--------|-------|-------|--------|---------|
| 72450.00 | 19.83 | 633.23 | 0.0 | 0.0 | 633.61 | 0.39 | 2.25 | 0.04 | 628.20 |
| 15200. | 790. | 9292. | 5118. | 414. | 1494. | 2985. | 980. | 157. | 626.80 |
| 0.63 | 1.91 | 6.22 | 1.71 | 0.043 | 0.028 | 0.043 | 0.028 | 613.40 | 1024.09 |
| 0.000366 | 4650. | 4650. | 4650. | 2 | 0 | 0 | 0.0 | 938.62 | 1962.71 |

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

T1 DAVIDSON COUNTY BASIN E STREAM 1 ABBOTTS CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB #6918
 T3 100 YEAR FLOOD WATER SURFACE PKOFILE

| | | | | | | | | | | |
|----|--------|------|--------|-------|----------|--------|-------|-----|---------|--------|
| J1 | ICHECK | INC | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FQ |
| | -10. | 4. | 0. | 0. | 0.000400 | 0.0 | 0.0 | 0. | 617.000 | 0.0 |
| J2 | NPROF | IPLT | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE |
| | 3.000 | 0.0 | -1.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

*PROF 3

CCHV= 0.100 CEHV= 0.300

*SECNO 62400.000

| SECNO | DEPTH | CWSEL | CRISW | WSELK | EG | HV | HL | OLOSS | BANK ELEV |
|----------|--------|--------|--------|--------|--------|-------|-------|--------|------------|
| Q | QLOB | QCH | QROB | ALOB | ACH | AROB | VOL | TWA | LEFT/RIGHT |
| TIME | VLOB | VCH | VROB | XNL | XNCH | XNR | WTN | ELMIN | SSTA |
| SLOPE | XLOBL | XLCH | XLOBR | ITRIAL | IDC | ICONT | CORAR | TOPWID | ENDST |
| 62400.00 | 20.72 | 629.72 | 0.0 | 617.00 | 630.14 | 0.42 | 0.0 | 0.0 | 624.70 |
| 18400. | 3451. | 12031. | 2918. | 1632. | 1931. | 1258. | 0. | 0. | 624.80 |
| 0.0 | 2.11 | 6.23 | 2.32 | 0.043 | 0.028 | 0.043 | 0.0 | 609.00 | 1163.01 |
| 0.000400 | 62400. | 62400. | 62400. | 0 | 0 | 10 | 0.0 | 692.74 | 1855.75 |

*SECNO 65150.000

| | | | | | | | | | |
|----------|-------|--------|-------|-------|--------|-------|-------|--------|---------|
| 65150.00 | 15.34 | 630.84 | 0.0 | 0.0 | 631.06 | 0.22 | 0.90 | 0.02 | 624.90 |
| 18300. | 1500. | 9308. | 7492. | 760. | 1935. | 3554. | 349. | 46. | 625.30 |
| 0.22 | 1.97 | 4.81 | 2.11 | 0.043 | 0.028 | 0.043 | 0.028 | 615.50 | 1042.46 |
| 0.000270 | 2750. | 2750. | 2750. | 2 | 0 | 0 | 0.0 | 773.78 | 1816.24 |

*SECNO 67800.000

3301 HV CHANGED MORE THAN HVINS

| | | | | | | | | | |
|----------|-------|--------|-------|-------|--------|-------|-------|--------|---------|
| 67800.00 | 19.28 | 631.48 | 0.0 | 0.0 | 632.34 | 0.86 | 1.09 | 0.19 | 623.50 |
| 18300. | 5243. | 12250. | 807. | 1726. | 1384. | 288. | 643. | 84. | 616.30 |
| 0.33 | 3.04 | 8.85 | 2.80 | 0.043 | 0.028 | 0.043 | 0.028 | 612.20 | 1231.13 |
| 0.000700 | 2650. | 2650. | 2650. | 2 | 0 | 0 | 0.0 | 481.17 | 1712.30 |

*SECNO 72450.000

3301 HV CHANGED MORE THAN HVINS

| | | | | | | | | | |
|----------|-------|--------|-------|------|--------|-------|-------|------|--------|
| 72450.00 | 20.85 | 634.25 | 0.0 | 0.0 | 634.61 | 0.36 | 2.22 | 0.05 | 628.20 |
| 18200. | 1000. | 9950. | 7198. | 503. | 1585. | 3795. | 1138. | 165. | 626.80 |

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

T1 DAVIDSON COUNTY BASIN E STREAM 1 ABBOTTS CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB #6918
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

| | | | | | | | | | | |
|----|--------|-------|--------|--------|----------|--------|--------|------|---------|---------|
| J1 | ICHECK | INQ | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FG |
| | -10. | 5. | 0. | 0. | 0.000400 | 0.0 | 0.0 | 0. | 618.000 | 0.0 |
| J2 | WPROF | WPL0T | WPRV5 | WXSECV | WXSECH | WFN | WALLDC | WIBW | WCHNIM | WITRACE |
| | 15.000 | 0.0 | -1.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

*PROF 4

CCHV= 0.100 CEHV= 0.300

*SECNO 62400.000

| SECNO | DEPTH | WSEL | CRWS | WSELK | EG | HV | HL | OLOSS | BANK ELEV |
|----------|--------|--------|--------|--------|--------|-------|-------|--------|------------|
| Q | QLOB | QCH | QROB | ALOB | ACH | AROB | VOL | TWA | LEFT/RIGHT |
| TIME | VLOB | VCH | VROB | XNL | XNCH | XNR | WTN | ELMIN | SSTA |
| SLOPE | XLOBL | XLCH | XLORR | ITRIAL | IDC | ICONT | CORAR | TOPWID | ENDST |
| 62400.00 | 22.96 | 631.96 | 0.0 | 618.00 | 632.43 | 0.46 | 0.0 | 0.0 | 624.70 |
| 26400. | 6312. | 15160. | 4928. | 2446. | 2222. | 1760. | 0. | 0. | 624.80 |
| 0.0 | 2.58 | 6.32 | 2.80 | 0.043 | 0.023 | 0.043 | 0.0 | 609.00 | 1131.23 |
| 0.000397 | 62400. | 62400. | 62400. | 0 | 0 | 9 | 0.0 | 738.55 | 1869.78 |

*SECNO 65150.000

| | | | | | | | | | |
|----------|-------|--------|--------|-------|--------|-------|-------|--------|---------|
| 65150.00 | 17.58 | 633.08 | 0.0 | 0.0 | 633.34 | 0.25 | 0.89 | 0.02 | 624.90 |
| 26300. | 2478. | 12037. | 11786. | 1052. | 2260. | 4690. | 456. | 48. | 625.30 |
| 0.20 | 2.35 | 5.33 | 2.51 | 0.043 | 0.028 | 0.043 | 0.028 | 615.50 | 1033.26 |
| 0.000269 | 2750. | 2750. | 2750. | 2 | 0 | 0 | 0.0 | 788.56 | 1821.82 |

*SECNO 67800.000

3301 HV CHANGED MORE THAN HVINS

| | | | | | | | | | |
|----------|-------|--------|-------|-------|--------|-------|-------|--------|---------|
| 67800.00 | 21.48 | 633.60 | 0.0 | 0.0 | 634.67 | 0.98 | 1.11 | 0.22 | 623.50 |
| 26300. | 9337. | 15558. | 1406. | 2549. | 1571. | 410. | 837. | 89. | 616.30 |
| 0.30 | 3.66 | 9.90 | 3.43 | 0.043 | 0.028 | 0.043 | 0.028 | 612.20 | 1175.37 |
| 0.000732 | 2650. | 2650. | 2650. | 2 | 0 | 0 | 0.0 | 542.73 | 1718.09 |

*SECNO 72450.000

3280 CROSS SECTION 72450.00 EXTENDED 1.23 FEET

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

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

10 YEAR FLOOD WATER SURF

SUMMARY PRINTOUT

| | SECNO | XLCH | ELTRD | ELLC | D | ELMIN | CWSEL | CRWS | VCH | SSTA | ENDST | AREA | DIFWSP |
|---|-----------|----------|-------|------|----------|--------|--------|------|-------|---------|---------|---------|--------|
| A | 62400.000 | 62400.00 | 0.0 | 0.0 | 9700.00 | 609.00 | 626.44 | 0.0 | 5.32 | 1227.77 | 1836.97 | 2678.20 | 0.0 |
| | 62400.000 | 62400.00 | 0.0 | 0.0 | 15400.00 | 609.00 | 628.73 | 0.0 | 5.97 | 1179.52 | 1849.61 | 4145.68 | 2.28 |
| | 62400.000 | 62400.00 | 0.0 | 0.0 | 18400.00 | 609.00 | 629.72 | 0.0 | 6.23 | 1163.01 | 1855.75 | 4820.44 | 0.99 |
| | 62400.000 | 62400.00 | 0.0 | 0.0 | 26400.00 | 609.00 | 631.96 | 0.0 | 6.82 | 1131.23 | 1869.78 | 6429.25 | 2.24 |
| B | 65150.000 | 2750.00 | 0.0 | 0.0 | 9600.00 | 615.50 | 627.60 | 0.0 | 4.21 | 1058.23 | 1808.19 | 3775.89 | 0.0 |
| | 65150.000 | 2750.00 | 0.0 | 0.0 | 15300.00 | 615.50 | 629.86 | 0.0 | 4.60 | 1046.49 | 1813.80 | 5490.62 | 2.25 |
| | 65150.000 | 2750.00 | 0.0 | 0.0 | 18300.00 | 615.50 | 630.84 | 0.0 | 4.81 | 1042.46 | 1816.24 | 6249.31 | 0.98 |
| | 65150.000 | 2750.00 | 0.0 | 0.0 | 26300.00 | 615.50 | 633.08 | 0.0 | 5.33 | 1033.26 | 1821.82 | 8002.70 | 2.24 |
| C | 67800.000 | 2650.00 | 0.0 | 0.0 | 9600.00 | 612.20 | 628.37 | 0.0 | 6.96 | 1319.89 | 1704.12 | 2062.49 | 0.0 |
| | 67800.000 | 2650.00 | 0.0 | 0.0 | 15300.00 | 612.20 | 630.52 | 0.0 | 8.33 | 1259.90 | 1709.78 | 2952.45 | 2.16 |
| | 67800.000 | 2650.00 | 0.0 | 0.0 | 18300.00 | 612.20 | 631.48 | 0.0 | 8.85 | 1231.13 | 1712.30 | 3398.43 | 0.96 |
| | 67800.000 | 2650.00 | 0.0 | 0.0 | 26300.00 | 612.20 | 633.68 | 0.0 | 9.90 | 1175.37 | 1718.09 | 4530.13 | 2.20 |
| D | 72450.000 | 4650.00 | 0.0 | 0.0 | 9500.00 | 613.40 | 630.83 | 0.0 | 6.09 | 1029.46 | 1902.86 | 2729.25 | 0.0 |
| | 72450.000 | 4650.00 | 0.0 | 0.0 | 15200.00 | 613.40 | 633.23 | 0.0 | 6.22 | 1024.09 | 1962.71 | 4893.08 | 2.40 |
| | 72450.000 | 4650.00 | 0.0 | 0.0 | 18200.00 | 613.40 | 634.25 | 0.0 | 6.28 | 1021.82 | 2052.05 | 5883.05 | 1.02 |
| | 72450.000 | 4650.00 | 0.0 | 0.0 | 26200.00 | 613.40 | 636.53 | 0.0 | 6.44 | 1016.72 | 2100.00 | 9322.60 | 2.28 |
| E | 75500.000 | 3050.00 | 0.0 | 0.0 | 9500.00 | 614.30 | 632.15 | 0.0 | 5.52 | 1454.47 | 2437.83 | 2861.38 | 0.0 |
| | 75500.000 | 3050.00 | 0.0 | 0.0 | 15200.00 | 614.30 | 634.35 | 0.0 | 5.76 | 1423.22 | 2644.48 | 5277.46 | 2.20 |
| | 75500.000 | 3050.00 | 0.0 | 0.0 | 18200.00 | 614.30 | 635.31 | 0.0 | 5.78 | 1411.83 | 2722.15 | 6493.54 | 0.95 |
| | 75500.000 | 3050.00 | 0.0 | 0.0 | 26200.00 | 614.30 | 637.48 | 0.0 | 5.81 | 1382.01 | 2826.97 | 9469.21 | 2.17 |
| F | 78650.000 | 3150.00 | 0.0 | 0.0 | 9500.00 | 617.80 | 633.51 | 0.0 | 6.76 | 1417.34 | 1787.44 | 1869.90 | 0.0 |
| | 78650.000 | 3150.00 | 0.0 | 0.0 | 15200.00 | 617.80 | 635.53 | 0.0 | 8.29 | 1409.64 | 1809.67 | 2647.34 | 2.02 |
| | 78650.000 | 3150.00 | 0.0 | 0.0 | 18200.00 | 617.80 | 636.37 | 0.0 | 8.98 | 1406.45 | 1819.28 | 2982.94 | 0.84 |
| | 78650.000 | 3150.00 | 0.0 | 0.0 | 26200.00 | 617.80 | 638.25 | 0.0 | 10.48 | 1399.29 | 1841.27 | 3791.28 | 1.88 |
| G | 80950.000 | 2300.00 | 0.0 | 0.0 | 9500.00 | 619.10 | 634.98 | 0.0 | 8.39 | 1217.64 | 1543.84 | 1355.98 | 0.0 |
| | 80950.000 | 2300.00 | 0.0 | 0.0 | 15200.00 | 619.10 | 637.30 | 0.0 | 10.16 | 1158.17 | 1561.41 | 2166.90 | 2.32 |
| | 80950.000 | 2300.00 | 0.0 | 0.0 | 18200.00 | 619.10 | 638.29 | 0.0 | 10.75 | 1094.46 | 1565.59 | 2608.59 | 0.99 |
| | 80950.000 | 2300.00 | 0.0 | 0.0 | 26200.00 | 619.10 | 640.50 | 0.0 | 11.83 | 1065.16 | 1568.85 | 3686.15 | 2.21 |
| H | 82085.000 | 1135.00 | 0.0 | 0.0 | 9400.00 | 618.50 | 636.12 | 0.0 | 8.00 | 1206.07 | 1520.04 | 1589.30 | 0.0 |
| | 82085.000 | 1135.00 | 0.0 | 0.0 | 15100.00 | 618.50 | 638.76 | 0.0 | 9.16 | 1121.97 | 1534.01 | 2555.40 | 2.64 |
| | 82085.000 | 1135.00 | 0.0 | 0.0 | 18100.00 | 618.50 | 639.81 | 0.0 | 9.66 | 1098.17 | 1539.53 | 3003.75 | 1.05 |
| | 82085.000 | 1135.00 | 0.0 | 0.0 | 26100.00 | 618.50 | 642.03 | 0.0 | 10.83 | 1079.39 | 1551.12 | 4015.47 | 2.22 |

| | SECNO | XLCH | ELTRD | ELLC | O | ELMIN | CWSEL | CRWS | VCH | SSTA | ENDST | AREA | DIFWSP |
|---|-----------|---------|--------|--------|----------|--------|--------|------|-------|---------|---------|---------|--------|
| | 82185.000 | 100.00 | 0.0 | 0.0 | 9400.00 | 622.10 | 636.50 | 0.0 | 6.48 | 1490.94 | 1738.08 | 1450.75 | 0.0 |
| | 82185.000 | 100.00 | 0.0 | 0.0 | 15100.00 | 622.10 | 639.11 | 0.0 | 7.17 | 1487.25 | 1742.80 | 2107.35 | 2.61 |
| | 82185.000 | 100.00 | 0.0 | 0.0 | 18100.00 | 622.10 | 640.10 | 0.0 | 7.67 | 1486.02 | 1744.57 | 2359.88 | 0.98 |
| | 82185.000 | 100.00 | 0.0 | 0.0 | 26100.00 | 622.10 | 642.11 | 0.0 | 9.03 | 1483.48 | 1748.23 | 2889.94 | 2.02 |
| | 82215.000 | 30.00 | 652.10 | 648.80 | 9400.00 | 622.10 | 636.60 | 0.0 | 6.38 | 1490.42 | 1738.24 | 1472.93 | 0.0 |
| | 82215.000 | 30.00 | 652.10 | 648.80 | 15100.00 | 622.10 | 639.23 | 0.0 | 7.07 | 1487.10 | 1743.00 | 2136.55 | 2.63 |
| | 82215.000 | 30.00 | 652.10 | 648.80 | 18100.00 | 622.10 | 640.24 | 0.0 | 7.56 | 1485.85 | 1744.82 | 2395.31 | 1.01 |
| | 82215.000 | 30.00 | 652.10 | 648.80 | 26100.00 | 622.10 | 642.33 | 0.0 | 8.87 | 1483.23 | 1748.59 | 2943.26 | 2.09 |
| | 82315.000 | 100.00 | 0.0 | 0.0 | 9400.00 | 618.50 | 636.59 | 0.0 | 7.54 | 1192.34 | 1522.50 | 1738.60 | 0.0 |
| I | 82315.000 | 100.00 | 0.0 | 0.0 | 15100.00 | 618.50 | 639.24 | 0.0 | 8.65 | 1109.59 | 1536.47 | 2751.15 | 2.65 |
| | 82315.000 | 100.00 | 0.0 | 0.0 | 18100.00 | 618.50 | 640.28 | 0.0 | 9.14 | 1094.22 | 1541.99 | 3210.97 | 1.05 |
| | 82315.000 | 100.00 | 0.0 | 0.0 | 26100.00 | 618.50 | 642.58 | 0.0 | 10.21 | 1074.73 | 1553.79 | 4276.86 | 2.30 |
| | 84350.000 | 2035.00 | 0.0 | 0.0 | 9400.00 | 617.70 | 638.21 | 0.0 | 5.56 | 1163.84 | 2031.75 | 3418.64 | 0.0 |
| J | 84350.000 | 2035.00 | 0.0 | 0.0 | 15100.00 | 617.70 | 640.88 | 0.0 | 5.24 | 1128.30 | 2058.10 | 5814.43 | 2.67 |
| | 84350.000 | 2035.00 | 0.0 | 0.0 | 18100.00 | 617.70 | 641.96 | 0.0 | 5.29 | 1113.86 | 2068.81 | 6834.98 | 1.08 |
| | 84350.000 | 2035.00 | 0.0 | 0.0 | 26100.00 | 617.70 | 644.36 | 0.0 | 5.51 | 1083.59 | 2092.55 | 9193.95 | 2.40 |
| | 85640.000 | 1290.00 | 0.0 | 0.0 | 9300.00 | 618.40 | 638.72 | 0.0 | 4.47 | 1171.26 | 1990.26 | 3998.85 | 0.0 |
| K | 85640.000 | 1290.00 | 0.0 | 0.0 | 14900.00 | 618.40 | 641.23 | 0.0 | 4.75 | 1154.25 | 2093.03 | 6200.13 | 2.50 |
| | 85640.000 | 1290.00 | 0.0 | 0.0 | 17900.00 | 618.40 | 642.28 | 0.0 | 4.91 | 1147.05 | 2112.62 | 7209.36 | 1.06 |
| | 85640.000 | 1290.00 | 0.0 | 0.0 | 25900.00 | 618.40 | 644.65 | 0.0 | 5.30 | 1130.92 | 2146.51 | 9559.07 | 2.37 |
| | 85740.000 | 100.00 | 0.0 | 0.0 | 9300.00 | 618.90 | 638.63 | 0.0 | 4.94 | 2244.30 | 2454.66 | 1882.56 | 0.0 |
| | 85740.000 | 100.00 | 0.0 | 0.0 | 14900.00 | 618.90 | 640.96 | 0.0 | 6.24 | 2239.14 | 2458.57 | 2387.95 | 2.34 |
| | 85740.000 | 100.00 | 0.0 | 0.0 | 17900.00 | 618.90 | 641.93 | 0.0 | 6.88 | 2236.54 | 2460.20 | 2603.40 | 0.97 |
| | 85740.000 | 100.00 | 0.0 | 0.0 | 25900.00 | 618.90 | 644.07 | 0.0 | 8.39 | 2233.00 | 2463.77 | 3088.22 | 2.13 |
| | 85763.000 | 23.00 | 651.70 | 649.70 | 9300.00 | 618.90 | 638.66 | 0.0 | 4.92 | 2244.11 | 2454.72 | 1890.45 | 0.0 |
| | 85763.000 | 23.00 | 651.70 | 649.70 | 14900.00 | 618.90 | 641.03 | 0.0 | 6.20 | 2238.04 | 2458.68 | 2402.33 | 2.37 |
| | 85763.000 | 23.00 | 651.70 | 649.70 | 17900.00 | 618.90 | 642.02 | 0.0 | 6.83 | 2236.40 | 2460.34 | 2621.91 | 0.99 |
| | 85763.000 | 23.00 | 651.70 | 649.70 | 25900.00 | 618.90 | 644.20 | 0.0 | 8.30 | 2232.78 | 2464.00 | 3119.79 | 2.19 |
| | 85863.000 | 100.00 | 0.0 | 0.0 | 9300.00 | 619.40 | 638.79 | 0.0 | 5.33 | 1177.62 | 1938.37 | 3261.05 | 0.0 |
| L | 85863.000 | 100.00 | 0.0 | 0.0 | 14900.00 | 619.40 | 641.46 | 0.0 | 5.34 | 1159.46 | 2062.39 | 5494.78 | 2.67 |
| | 85863.000 | 100.00 | 0.0 | 0.0 | 17900.00 | 619.40 | 642.59 | 0.0 | 5.41 | 1151.72 | 2102.83 | 6552.22 | 1.14 |
| | 85863.000 | 100.00 | 0.0 | 0.0 | 25900.00 | 619.40 | 645.17 | 0.0 | 5.60 | 1134.17 | 2139.68 | 9076.20 | 2.58 |
| | 88200.000 | 2337.00 | 0.0 | 0.0 | 9300.00 | 620.30 | 639.65 | 0.0 | 7.50 | 1149.29 | 1610.34 | 2017.60 | 0.0 |
| M | 88200.000 | 2337.00 | 0.0 | 0.0 | 14900.00 | 620.30 | 642.10 | 0.0 | 8.14 | 1120.12 | 1624.08 | 3202.61 | 2.45 |
| | 88200.000 | 2337.00 | 0.0 | 0.0 | 17900.00 | 620.30 | 643.18 | 0.0 | 8.43 | 1107.31 | 1630.11 | 3756.56 | 1.08 |
| | 88200.000 | 2337.00 | 0.0 | 0.0 | 25900.00 | 620.30 | 645.65 | 0.0 | 9.02 | 1086.23 | 1643.94 | 5095.79 | 2.47 |
| | 90350.000 | 2150.00 | 0.0 | 0.0 | 9300.00 | 622.00 | 641.49 | 0.0 | 10.00 | 1353.96 | 1571.87 | 1174.66 | 0.0 |
| N | 90350.000 | 2150.00 | 0.0 | 0.0 | 14900.00 | 622.00 | 643.69 | 0.0 | 11.85 | 1313.05 | 1589.69 | 1712.82 | 2.20 |
| | 90350.000 | 2150.00 | 0.0 | 0.0 | 17900.00 | 622.00 | 644.64 | 0.0 | 12.64 | 1284.80 | 1591.91 | 1985.78 | 0.95 |
| | 90350.000 | 2150.00 | 0.0 | 0.0 | 25900.00 | 622.00 | 646.90 | 0.0 | 13.86 | 1177.41 | 1597.20 | 2830.37 | 2.26 |
| | 93100.000 | 2750.00 | 0.0 | 0.0 | 9300.00 | 624.30 | 644.81 | 0.0 | 5.26 | 1165.90 | 1622.92 | 2874.23 | 0.0 |
| O | 93100.000 | 2750.00 | 0.0 | 0.0 | 14900.00 | 624.30 | 647.44 | 0.0 | 5.88 | 1137.98 | 1647.47 | 4142.64 | 2.63 |
| | 93100.000 | 2750.00 | 0.0 | 0.0 | 17900.00 | 624.30 | 648.58 | 0.0 | 6.18 | 1125.79 | 1655.41 | 4738.38 | 1.14 |
| | 93100.000 | 2750.00 | 0.0 | 0.0 | 25900.00 | 624.30 | 651.02 | 0.0 | 6.97 | 1099.79 | 1670.49 | 6082.36 | 2.44 |

| SECNO | XLCH | ELTRD | ELLC | Q | ELMIN | CWSEL | CRWS | VCH | SSTA | ENDST | AREA | DIFWSP |
|--------------|---------|--------|--------|----------|--------|--------|------|-------|---------|---------|----------|--------|
| P 94410.000 | 1310.00 | 0.0 | 0.0 | 9300.00 | 625.00 | 645.14 | 0.0 | 5.97 | 1034.04 | 1207.44 | 1731.40 | 0.0 |
| P 94410.000 | 1310.00 | 0.0 | 0.0 | 14900.00 | 625.00 | 647.63 | 0.0 | 7.92 | 1027.13 | 1220.28 | 2187.69 | 2.49 |
| P 94410.000 | 1310.00 | 0.0 | 0.0 | 17900.00 | 625.00 | 648.68 | 0.0 | 8.83 | 1024.21 | 1225.69 | 2395.00 | 1.05 |
| P 94410.000 | 1310.00 | 0.0 | 0.0 | 25900.00 | 625.00 | 650.87 | 0.0 | 11.07 | 1018.15 | 1236.94 | 2853.65 | 2.19 |
| 94510.000 | 100.00 | 0.0 | 0.0 | 9300.00 | 625.70 | 645.36 | 0.0 | 4.90 | 1548.18 | 1763.59 | 1898.33 | 0.0 |
| 94510.000 | 100.00 | 0.0 | 0.0 | 14900.00 | 625.70 | 648.08 | 0.0 | 5.91 | 1542.70 | 1779.53 | 2521.32 | 2.72 |
| 94510.000 | 100.00 | 0.0 | 0.0 | 17900.00 | 625.70 | 649.27 | 0.0 | 6.38 | 1540.32 | 1781.96 | 2804.72 | 1.18 |
| 94510.000 | 100.00 | 0.0 | 0.0 | 25900.00 | 625.70 | 651.85 | 0.0 | 7.52 | 1535.12 | 1787.27 | 3443.91 | 2.58 |
| 94543.000 | 33.00 | 660.90 | 657.40 | 9300.00 | 625.70 | 645.39 | 0.0 | 4.88 | 1548.11 | 1763.90 | 1905.51 | 0.0 |
| 94543.000 | 33.00 | 660.90 | 657.40 | 14900.00 | 625.70 | 648.13 | 0.0 | 5.88 | 1542.60 | 1779.64 | 2533.12 | 2.74 |
| 94543.000 | 33.00 | 660.90 | 657.40 | 17900.00 | 625.70 | 649.33 | 0.0 | 6.35 | 1540.20 | 1782.08 | 2818.68 | 1.19 |
| 94543.000 | 33.00 | 660.90 | 657.40 | 25900.00 | 625.70 | 651.94 | 0.0 | 7.47 | 1534.95 | 1787.44 | 3465.21 | 2.61 |
| 94643.000 | 100.00 | 0.0 | 0.0 | 9300.00 | 625.00 | 645.33 | 0.0 | 5.88 | 1033.52 | 1208.42 | 1764.48 | 0.0 |
| 94643.000 | 100.00 | 0.0 | 0.0 | 14900.00 | 625.00 | 647.96 | 0.0 | 7.73 | 1026.22 | 1221.96 | 2251.30 | 2.63 |
| 94643.000 | 100.00 | 0.0 | 0.0 | 17900.00 | 625.00 | 649.09 | 0.0 | 8.59 | 1023.08 | 1227.78 | 2477.39 | 1.13 |
| 94643.000 | 100.00 | 0.0 | 0.0 | 25900.00 | 625.00 | 651.53 | 0.0 | 10.62 | 1016.31 | 1240.36 | 3000.42 | 2.44 |
| R 97950.000 | 3307.00 | 0.0 | 0.0 | 9300.00 | 625.20 | 646.71 | 0.0 | 4.41 | 1091.07 | 1772.60 | 3923.71 | 0.0 |
| R 97950.000 | 3307.00 | 0.0 | 0.0 | 14900.00 | 625.20 | 649.73 | 0.0 | 4.46 | 1068.74 | 1917.89 | 6254.36 | 3.02 |
| R 97950.000 | 3307.00 | 0.0 | 0.0 | 17900.00 | 625.20 | 651.06 | 0.0 | 4.51 | 1058.82 | 1941.40 | 7414.73 | 1.33 |
| R 97950.000 | 3307.00 | 0.0 | 0.0 | 25900.00 | 625.20 | 654.06 | 0.0 | 4.71 | 1036.61 | 1994.00 | 10172.93 | 3.00 |
| S 101600.000 | 3650.00 | 0.0 | 0.0 | 8500.00 | 627.40 | 647.63 | 0.0 | 6.18 | 1018.53 | 1294.06 | 2178.83 | 0.0 |
| S 101600.000 | 3650.00 | 0.0 | 0.0 | 13700.00 | 627.40 | 650.45 | 0.0 | 7.42 | 1013.27 | 1313.00 | 3006.58 | 2.83 |
| S 101600.000 | 3650.00 | 0.0 | 0.0 | 16200.00 | 627.40 | 651.71 | 0.0 | 7.81 | 1010.94 | 1313.00 | 3384.01 | 1.25 |
| S 101600.000 | 3650.00 | 0.0 | 0.0 | 23800.00 | 627.40 | 654.56 | 0.0 | 9.10 | 1005.64 | 1313.00 | 4253.71 | 2.85 |
| T 106200.000 | 4600.00 | 0.0 | 0.0 | 8500.00 | 631.60 | 649.01 | 0.0 | 3.75 | 1062.65 | 1558.05 | 4008.27 | 0.0 |
| T 106200.000 | 4600.00 | 0.0 | 0.0 | 13700.00 | 631.60 | 652.03 | 0.0 | 4.29 | 1045.43 | 1578.20 | 5561.44 | 3.02 |
| T 106200.000 | 4600.00 | 0.0 | 0.0 | 16200.00 | 631.60 | 653.32 | 0.0 | 4.49 | 1038.07 | 1586.81 | 6259.82 | 1.29 |
| T 106200.000 | 4600.00 | 0.0 | 0.0 | 23800.00 | 631.60 | 656.42 | 0.0 | 5.10 | 1020.42 | 1600.00 | 8013.95 | 3.10 |
| U 110150.000 | 3950.00 | 0.0 | 0.0 | 5300.00 | 638.00 | 649.41 | 0.0 | 1.16 | 1239.60 | 3243.04 | 9200.04 | 0.0 |
| U 110150.000 | 3950.00 | 0.0 | 0.0 | 8600.00 | 638.00 | 652.37 | 0.0 | 1.05 | 1189.09 | 3270.74 | 15250.01 | 2.96 |
| U 110150.000 | 3950.00 | 0.0 | 0.0 | 10700.00 | 638.00 | 653.66 | 0.0 | 1.08 | 1159.15 | 3282.77 | 17957.35 | 1.29 |
| U 110150.000 | 3950.00 | 0.0 | 0.0 | 15200.00 | 638.00 | 656.77 | 0.0 | 1.08 | 1094.21 | 3300.00 | 24716.25 | 3.11 |
| V 110690.000 | 540.00 | 0.0 | 0.0 | 5300.00 | 635.80 | 649.24 | 0.0 | 6.17 | 1080.64 | 1484.48 | 1590.40 | 0.0 |
| V 110690.000 | 540.00 | 0.0 | 0.0 | 8600.00 | 635.80 | 652.26 | 0.0 | 5.39 | 1064.16 | 1557.79 | 2953.81 | 3.02 |
| V 110690.000 | 540.00 | 0.0 | 0.0 | 10700.00 | 635.80 | 653.54 | 0.0 | 5.46 | 1057.13 | 1585.76 | 3611.46 | 1.29 |
| V 110690.000 | 540.00 | 0.0 | 0.0 | 15200.00 | 635.80 | 656.67 | 0.0 | 5.14 | 1040.05 | 1631.29 | 5369.60 | 3.13 |
| 110890.000 | 200.00 | 0.0 | 0.0 | 5300.00 | 637.20 | 649.54 | 0.0 | 2.51 | 1533.91 | 2010.32 | 2660.05 | 0.0 |
| 110890.000 | 200.00 | 0.0 | 0.0 | 8600.00 | 637.20 | 652.41 | 0.0 | 2.81 | 1454.27 | 2055.78 | 4206.01 | 2.87 |
| 110890.000 | 200.00 | 0.0 | 0.0 | 10700.00 | 637.20 | 653.68 | 0.0 | 3.03 | 1419.03 | 2075.90 | 5004.62 | 1.27 |
| 110890.000 | 200.00 | 0.0 | 0.0 | 15200.00 | 637.20 | 656.76 | 0.0 | 3.15 | 1333.47 | 2123.84 | 7235.34 | 3.08 |
| 110908.000 | 18.00 | 667.60 | 663.60 | 5300.00 | 637.20 | 649.55 | 0.0 | 2.51 | 1533.71 | 2010.43 | 2663.52 | 0.0 |
| 110908.000 | 18.00 | 667.60 | 663.60 | 8600.00 | 637.20 | 652.42 | 0.0 | 2.80 | 1454.06 | 2055.91 | 4210.67 | 2.87 |
| 110908.000 | 18.00 | 667.60 | 663.60 | 10700.00 | 637.20 | 653.69 | 0.0 | 3.02 | 1418.78 | 2076.05 | 5010.69 | 1.27 |
| 110908.000 | 18.00 | 667.60 | 663.60 | 15200.00 | 637.20 | 656.77 | 0.0 | 3.14 | 1333.21 | 2123.98 | 7242.66 | 3.08 |

| | SECNO | XLCH | ELTRD | ELLC | O | ELMIN | CWSEL | CRWS | VCH | SSTA | ENDST | AREA | DIFWSP |
|----|------------|---------|--------|--------|----------|--------|--------|--------|-------|---------|---------|---------|--------|
| | 110518 | | | | | | | | | | | | |
| | 111108.000 | 200.00 | 0.0 | 0.0 | 5300.00 | 635.80 | 649.47 | 0.0 | 5.84 | 1079.41 | 1494.25 | 1682.44 | 0.0 |
| | 111108.000 | 200.00 | 0.0 | 0.0 | 8600.00 | 635.80 | 652.39 | 0.0 | 5.27 | 1063.44 | 1560.66 | 3019.26 | 2.92 |
| W | 111108.000 | 200.00 | 0.0 | 0.0 | 10700.00 | 635.80 | 653.67 | 0.0 | 5.36 | 1056.45 | 1588.46 | 3677.24 | 1.28 |
| | 111108.000 | 200.00 | 0.0 | 0.0 | 15200.00 | 635.80 | 656.76 | 0.0 | 5.09 | 1039.56 | 1632.42 | 5422.77 | 3.09 |
| | 113300.000 | 2192.00 | 0.0 | 0.0 | 5200.00 | 638.20 | 650.64 | 0.0 | 3.68 | 1062.66 | 1589.37 | 2654.54 | 0.0 |
| | 113300.000 | 2192.00 | 0.0 | 0.0 | 8500.00 | 638.20 | 653.14 | 0.0 | 3.77 | 1047.37 | 1596.05 | 4001.25 | 2.50 |
| X | 113300.000 | 2192.00 | 0.0 | 0.0 | 10600.00 | 638.20 | 654.37 | 0.0 | 3.95 | 1039.88 | 1599.32 | 4680.45 | 1.23 |
| | 113300.000 | 2192.00 | 0.0 | 0.0 | 15100.00 | 638.20 | 657.27 | 0.0 | 4.04 | 1022.16 | 1607.06 | 6340.09 | 2.90 |
| | 115251 | | | | | | | | | | | | |
| | 115735.000 | 2435.00 | 0.0 | 0.0 | 5200.00 | 642.80 | 651.71 | 0.0 | 5.83 | 1090.33 | 1472.40 | 1510.60 | 0.0 |
| | 115735.000 | 2435.00 | 0.0 | 0.0 | 8500.00 | 642.80 | 653.90 | 0.0 | 5.94 | 1078.62 | 1490.75 | 2379.52 | 2.19 |
| Y | 115735.000 | 2435.00 | 0.0 | 0.0 | 10600.00 | 642.80 | 655.06 | 0.0 | 6.10 | 1072.38 | 1500.90 | 2870.14 | 1.16 |
| | 115735.000 | 2435.00 | 0.0 | 0.0 | 15100.00 | 642.80 | 657.78 | 0.0 | 6.03 | 1057.89 | 1538.52 | 4101.46 | 2.72 |
| | 115835.000 | 100.00 | 0.0 | 0.0 | 5200.00 | 643.30 | 650.65 | 650.57 | 11.64 | 2424.79 | 2528.60 | 446.86 | 0.0 |
| | 115835.000 | 100.00 | 0.0 | 0.0 | 8500.00 | 643.30 | 652.51 | 652.51 | 12.70 | 2410.44 | 2547.72 | 669.26 | 1.86 |
| | 115835.000 | 100.00 | 0.0 | 0.0 | 10600.00 | 643.30 | 653.63 | 0.0 | 12.79 | 2404.81 | 2549.57 | 828.45 | 1.12 |
| | 115835.000 | 100.00 | 0.0 | 0.0 | 15100.00 | 643.30 | 656.51 | 0.0 | 11.98 | 2398.95 | 2554.32 | 1260.49 | 2.88 |
| | 115869.000 | 34.00 | 668.70 | 664.80 | 5200.00 | 643.30 | 651.36 | 0.0 | 9.94 | 2419.32 | 2533.23 | 523.05 | 0.0 |
| | 115869.000 | 34.00 | 668.70 | 664.80 | 8500.00 | 643.30 | 653.32 | 0.0 | 10.85 | 2405.44 | 2549.06 | 783.65 | 1.96 |
| | 115869.000 | 34.00 | 668.70 | 664.80 | 10600.00 | 643.30 | 654.39 | 0.0 | 11.28 | 2403.26 | 2550.82 | 939.44 | 1.07 |
| | 115869.000 | 34.00 | 668.70 | 664.80 | 15100.00 | 643.30 | 657.01 | 0.0 | 11.28 | 2397.93 | 2555.14 | 1338.25 | 2.62 |
| | 115400 | | | | | | | | | | | | |
| | 115884.000 | 15.00 | 0.0 | 0.0 | 5200.00 | 643.30 | 651.60 | 0.0 | 9.43 | 2417.46 | 2537.25 | 551.17 | 0.0 |
| | 115884.000 | 15.00 | 0.0 | 0.0 | 8500.00 | 643.30 | 653.54 | 0.0 | 10.42 | 2404.99 | 2549.42 | 815.36 | 1.94 |
| | 115884.000 | 15.00 | 0.0 | 0.0 | 10600.00 | 643.30 | 654.56 | 0.0 | 10.99 | 2402.92 | 2551.10 | 964.52 | 1.02 |
| | 115884.000 | 15.00 | 0.0 | 0.0 | 15100.00 | 643.30 | 657.09 | 0.0 | 11.17 | 2397.77 | 2555.27 | 1351.23 | 2.53 |
| | 115899.000 | 15.00 | 0.0 | 0.0 | 5200.00 | 643.30 | 651.77 | 0.0 | 9.10 | 2416.18 | 2540.00 | 571.19 | 0.0 |
| | 115899.000 | 15.00 | 0.0 | 0.0 | 8500.00 | 643.30 | 653.70 | 0.0 | 10.15 | 2404.68 | 2549.67 | 837.33 | 1.93 |
| | 115899.000 | 15.00 | 0.0 | 0.0 | 10600.00 | 643.30 | 654.71 | 0.0 | 10.76 | 2402.63 | 2551.33 | 985.58 | 1.01 |
| | 115899.000 | 15.00 | 0.0 | 0.0 | 15100.00 | 643.30 | 657.17 | 0.0 | 11.07 | 2397.61 | 2555.40 | 1363.43 | 2.47 |
| | 115933.000 | 34.00 | 668.70 | 664.80 | 5200.00 | 643.30 | 652.04 | 0.0 | 8.59 | 2414.12 | 2544.48 | 605.17 | 0.0 |
| | 115933.000 | 34.00 | 668.70 | 664.80 | 8500.00 | 643.30 | 654.03 | 0.0 | 9.59 | 2404.00 | 2550.22 | 896.25 | 2.00 |
| | 115933.000 | 34.00 | 668.70 | 664.80 | 10600.00 | 643.30 | 655.09 | 0.0 | 10.16 | 2401.85 | 2551.97 | 1042.89 | 1.06 |
| | 115933.000 | 34.00 | 668.70 | 664.80 | 15100.00 | 643.30 | 657.54 | 0.0 | 10.62 | 2396.85 | 2556.01 | 1422.09 | 2.45 |
| | 116033.000 | 100.00 | 0.0 | 0.0 | 5200.00 | 643.80 | 653.18 | 0.0 | 5.17 | 1087.79 | 1476.37 | 1693.25 | 0.0 |
| | 116033.000 | 100.00 | 0.0 | 0.0 | 8500.00 | 643.80 | 655.45 | 0.0 | 5.39 | 1075.66 | 1495.41 | 2610.44 | 2.27 |
| Z | 116033.000 | 100.00 | 0.0 | 0.0 | 10600.00 | 643.80 | 656.68 | 0.0 | 5.56 | 1069.08 | 1509.47 | 3138.38 | 1.23 |
| | 116033.000 | 100.00 | 0.0 | 0.0 | 15100.00 | 643.80 | 659.27 | 0.0 | 5.70 | 1055.25 | 1545.39 | 4341.54 | 2.59 |
| | 119275.000 | 3242.00 | 0.0 | 0.0 | 5190.00 | 644.80 | 656.01 | 0.0 | 6.32 | 1074.30 | 1472.69 | 1530.16 | 0.0 |
| | 119275.000 | 3242.00 | 0.0 | 0.0 | 8490.00 | 644.80 | 657.72 | 0.0 | 6.88 | 1073.61 | 1502.20 | 2245.78 | 1.70 |
| AA | 119275.000 | 3242.00 | 0.0 | 0.0 | 10590.00 | 644.80 | 658.72 | 0.0 | 7.04 | 1057.32 | 1568.54 | 2716.64 | 1.01 |
| | 119275.000 | 3242.00 | 0.0 | 0.0 | 15090.00 | 644.80 | 660.86 | 0.0 | 6.98 | 1044.02 | 1632.28 | 3908.88 | 2.13 |
| | 122075.000 | 2800.00 | 0.0 | 0.0 | 5190.00 | 647.70 | 658.99 | 0.0 | 5.87 | 1085.67 | 1510.25 | 1563.35 | 0.0 |
| | 122075.000 | 2800.00 | 0.0 | 0.0 | 8490.00 | 647.70 | 660.49 | 0.0 | 6.64 | 1074.91 | 1519.31 | 2213.61 | 1.50 |
| AB | 122075.000 | 2800.00 | 0.0 | 0.0 | 10590.00 | 647.70 | 661.33 | 0.0 | 7.01 | 1068.91 | 1524.35 | 2588.37 | 0.83 |
| | 122075.000 | 2800.00 | 0.0 | 0.0 | 15090.00 | 647.70 | 662.98 | 0.0 | 7.58 | 1056.98 | 1534.40 | 3362.17 | 1.66 |

| SECNO | XLCH | ELTRD | ELLC | Q | ELMIN | CWSEL | CRIWS | VCH | SSTA | ENDST | AREA | DIFWSP |
|--------------|----------|--------|--------|----------|--------|--------|--------|-------|---------|---------|----------|--------|
| 123333 | | | | | | | | | | | | |
| 123725.000 | 1650.00 | 0.0 | 0.0 | 5180.00 | 649.20 | 660.84 | 0.0 | 8.14 | 1150.62 | 1337.05 | 865.41 | 0.0 |
| 123725.000 | 1650.00 | 0.0 | 0.0 | 8480.00 | 649.20 | 662.33 | 0.0 | 10.07 | 1137.33 | 1341.02 | 1153.94 | 1.49 |
| 123725.000 | 1650.00 | 0.0 | 0.0 | 10580.00 | 649.20 | 663.09 | 0.0 | 11.10 | 1129.03 | 1399.06 | 1323.51 | 0.76 |
| 123725.000 | 1650.00 | 0.0 | 0.0 | 15080.00 | 649.20 | 664.50 | 0.0 | 12.76 | 1113.65 | 1453.89 | 1753.57 | 1.41 |
| 123591 | | | | | | | | | | | | |
| 123983.000 | 258.00 | 0.0 | 0.0 | 5180.00 | 650.00 | 661.40 | 0.0 | 7.63 | 358.60 | 639.13 | 1076.24 | 0.0 |
| 123983.000 | 258.00 | 0.0 | 0.0 | 8480.00 | 650.00 | 663.24 | 0.0 | 8.66 | 318.77 | 652.91 | 1639.34 | 1.83 |
| 123983.000 | 258.00 | 0.0 | 0.0 | 10580.00 | 650.00 | 664.21 | 0.0 | 9.12 | 296.46 | 660.25 | 1979.63 | 0.98 |
| 123983.000 | 258.00 | 0.0 | 0.0 | 15080.00 | 650.00 | 665.96 | 0.0 | 9.86 | 242.01 | 673.35 | 2672.33 | 1.74 |
| 124233.000 | 250.00 | 0.0 | 0.0 | 5180.00 | 654.00 | 662.10 | 0.0 | 2.15 | 1575.65 | 1935.20 | 2588.94 | 0.0 |
| 124233.000 | 250.00 | 0.0 | 0.0 | 8480.00 | 654.00 | 664.00 | 0.0 | 2.81 | 1565.60 | 1943.99 | 3289.32 | 1.90 |
| 124233.000 | 250.00 | 0.0 | 0.0 | 10580.00 | 654.00 | 664.99 | 0.0 | 3.17 | 1560.35 | 1948.58 | 3669.84 | 0.99 |
| 124233.000 | 250.00 | 0.0 | 0.0 | 15080.00 | 654.00 | 666.74 | 0.0 | 3.85 | 1551.10 | 1956.67 | 4363.48 | 1.75 |
| 124267.000 | 34.00 | 694.50 | 0.0 | 5180.00 | 654.00 | 683.80 | 0.0 | 0.50 | 1461.22 | 2035.20 | 12726.39 | 0.0 |
| 124267.000 | 34.00 | 694.50 | 0.0 | 8480.00 | 654.00 | 685.29 | 0.0 | 0.77 | 1453.39 | 2042.02 | 13595.51 | 1.49 |
| 124267.000 | 34.00 | 694.50 | 0.0 | 10580.00 | 654.00 | 686.13 | 0.0 | 0.93 | 1449.05 | 2045.81 | 14086.85 | 0.83 |
| 124267.000 | 34.00 | 694.50 | 0.0 | 15080.00 | 654.00 | 687.75 | 0.0 | 1.25 | 1440.60 | 2053.18 | 15063.02 | 1.62 |
| 124317.000 | 50.00 | 0.0 | 0.0 | 5180.00 | 648.90 | 683.81 | 0.0 | 0.55 | 0.0 | 763.08 | 15123.94 | 0.0 |
| 124317.000 | 50.00 | 0.0 | 0.0 | 8480.00 | 648.90 | 685.30 | 0.0 | 0.84 | 0.0 | 769.00 | 16268.22 | 1.49 |
| 124317.000 | 50.00 | 0.0 | 0.0 | 10580.00 | 648.90 | 686.13 | 0.0 | 1.01 | 0.0 | 769.00 | 16907.67 | 0.83 |
| 124317.000 | 50.00 | 0.0 | 0.0 | 15080.00 | 648.90 | 687.75 | 0.0 | 1.34 | 0.0 | 769.00 | 18154.11 | 1.62 |
| 131190.000 | 6873.00 | 0.0 | 0.0 | 5175.00 | 659.90 | 683.78 | 0.0 | 2.30 | 1904.21 | 2058.43 | 2252.85 | 0.0 |
| 131190.000 | 6873.00 | 0.0 | 0.0 | 8475.00 | 659.90 | 685.24 | 0.0 | 3.41 | 1900.62 | 2062.27 | 2483.47 | 1.46 |
| 131190.000 | 6873.00 | 0.0 | 0.0 | 10575.00 | 659.90 | 686.05 | 0.0 | 4.04 | 1898.50 | 2064.86 | 2615.84 | 0.81 |
| 131190.000 | 6873.00 | 0.0 | 0.0 | 15075.00 | 659.90 | 687.62 | 0.0 | 5.22 | 1893.28 | 2073.85 | 2887.54 | 1.57 |
| 131290.000 | 100.00 | 0.0 | 0.0 | 5175.00 | 659.90 | 683.79 | 0.0 | 2.30 | 1904.21 | 2058.44 | 2253.19 | 0.0 |
| 131290.000 | 100.00 | 0.0 | 0.0 | 8475.00 | 659.90 | 685.25 | 0.0 | 3.41 | 1900.61 | 2062.28 | 2484.38 | 1.47 |
| 131290.000 | 100.00 | 0.0 | 0.0 | 10575.00 | 659.90 | 686.07 | 0.0 | 4.04 | 1898.47 | 2064.90 | 2617.15 | 0.81 |
| 131290.000 | 100.00 | 0.0 | 0.0 | 15075.00 | 659.90 | 687.64 | 0.0 | 5.21 | 1893.21 | 2073.96 | 2891.13 | 1.58 |
| 131311.000 | 21.00 | 692.10 | 690.90 | 5175.00 | 659.90 | 683.79 | 0.0 | 2.30 | 1904.19 | 2058.46 | 2254.47 | 0.0 |
| 131311.000 | 21.00 | 692.10 | 690.90 | 8475.00 | 659.90 | 685.27 | 0.0 | 3.41 | 1900.56 | 2062.33 | 2487.38 | 1.47 |
| 131311.000 | 21.00 | 692.10 | 690.90 | 10575.00 | 659.90 | 686.08 | 0.0 | 4.03 | 1898.38 | 2065.05 | 2621.62 | 0.82 |
| 131311.000 | 21.00 | 692.10 | 690.90 | 15075.00 | 659.90 | 687.68 | 0.0 | 5.20 | 1893.08 | 2074.20 | 2898.62 | 1.59 |
| 131411.000 | 100.00 | 0.0 | 0.0 | 5175.00 | 659.90 | 683.80 | 0.0 | 2.29 | 1904.17 | 2058.48 | 2255.34 | 0.0 |
| 131411.000 | 100.00 | 0.0 | 0.0 | 8475.00 | 659.90 | 685.28 | 0.0 | 3.40 | 1900.53 | 2062.36 | 2489.24 | 1.48 |
| 131411.000 | 100.00 | 0.0 | 0.0 | 10575.00 | 659.90 | 686.10 | 0.0 | 4.03 | 1898.33 | 2065.15 | 2624.27 | 0.82 |
| 131411.000 | 100.00 | 0.0 | 0.0 | 15075.00 | 659.90 | 687.70 | 0.0 | 5.19 | 1892.99 | 2074.35 | 2903.26 | 1.60 |
| 143160.000 | 11749.00 | 0.0 | 0.0 | 3800.00 | 677.40 | 684.94 | 0.0 | 2.53 | 1223.18 | 2322.38 | 3129.65 | 0.0 |
| 143160.000 | 11749.00 | 0.0 | 0.0 | 5900.00 | 677.40 | 686.83 | 0.0 | 2.15 | 1184.49 | 2359.39 | 5275.57 | 1.89 |
| 143160.000 | 11749.00 | 0.0 | 0.0 | 7200.00 | 677.40 | 687.83 | 0.0 | 2.08 | 1163.10 | 2379.10 | 6477.32 | 1.01 |
| 143160.000 | 11749.00 | 0.0 | 0.0 | 10900.00 | 677.40 | 689.82 | 0.0 | 2.19 | 1120.81 | 2419.61 | 8975.96 | 1.99 |
| * 143260.000 | 100.00 | 0.0 | 0.0 | 3800.00 | 678.70 | 686.05 | 686.05 | 9.33 | 2807.74 | 2957.60 | 407.25 | 0.0 |
| * 143260.000 | 100.00 | 0.0 | 0.0 | 5900.00 | 678.70 | 687.08 | 687.08 | 10.37 | 2800.14 | 2959.71 | 568.75 | 1.03 |
| * 143260.000 | 100.00 | 0.0 | 0.0 | 7200.00 | 678.70 | 687.61 | 687.61 | 11.01 | 2799.08 | 2960.79 | 653.97 | 0.53 |
| * 143260.000 | 100.00 | 0.0 | 0.0 | 10900.00 | 678.70 | 688.79 | 688.79 | 12.83 | 2786.03 | 2970.68 | 851.58 | 1.18 |

| SECNO | XLCH | ELTRD | ELLC | Q | ELMIN | CWSEL | CRWS | VCH | SSTA | ENDST | AREA | DIFWSP |
|------------|---------|--------|--------|----------|--------|--------|--------|-------|---------|---------|---------|--------|
| 143282.000 | 22.00 | 691.50 | 689.50 | 3800.00 | 678.70 | 686.36 | 0.0 | 8.35 | 2802.19 | 2958.24 | 455.31 | 0.0 |
| 143282.000 | 22.00 | 691.50 | 689.50 | 5900.00 | 678.70 | 687.49 | 0.0 | 9.29 | 2799.31 | 2960.55 | 635.25 | 1.13 |
| 143282.000 | 22.00 | 691.50 | 689.50 | 7200.00 | 678.70 | 688.10 | 0.0 | 9.81 | 2798.10 | 2961.79 | 733.61 | 0.61 |
| 143282.000 | 22.00 | 691.50 | 689.50 | 10900.00 | 678.70 | 690.54 | 0.0 | 9.32 | 2733.97 | 2989.73 | 1239.75 | 2.45 |
| 143382.000 | 100.00 | 0.0 | 0.0 | 3800.00 | 680.00 | 687.58 | 0.0 | 2.49 | 1222.43 | 2323.11 | 3170.72 | 0.0 |
| 143382.000 | 100.00 | 0.0 | 0.0 | 5900.00 | 680.00 | 688.98 | 0.0 | 2.42 | 1194.08 | 2350.55 | 4750.11 | 1.40 |
| 143382.000 | 100.00 | 0.0 | 0.0 | 7200.00 | 680.00 | 689.75 | 0.0 | 2.42 | 1177.68 | 2365.66 | 5653.75 | 0.77 |
| 143382.000 | 100.00 | 0.0 | 0.0 | 10900.00 | 680.00 | 692.00 | 0.0 | 2.35 | 1129.75 | 2410.67 | 8433.92 | 2.25 |
| 147275.000 | 3893.00 | 0.0 | 0.0 | 3700.00 | 684.30 | 691.29 | 691.29 | 9.07 | 1093.52 | 2069.25 | 1033.42 | 0.0 |
| 147275.000 | 3893.00 | 0.0 | 0.0 | 5700.00 | 684.30 | 691.59 | 691.59 | 10.72 | 1091.59 | 2073.05 | 1323.20 | 0.30 |
| 147275.000 | 3893.00 | 0.0 | 0.0 | 7000.00 | 684.30 | 691.79 | 691.79 | 11.25 | 1090.28 | 2075.60 | 1519.35 | 0.20 |
| 147275.000 | 3893.00 | 0.0 | 0.0 | 10500.00 | 684.30 | 692.82 | 0.0 | 9.06 | 1083.48 | 2088.93 | 2555.16 | 1.03 |
| 152275.000 | 5000.00 | 0.0 | 0.0 | 3700.00 | 690.60 | 701.50 | 0.0 | 5.89 | 1190.85 | 1553.35 | 1178.37 | 0.0 |
| 152275.000 | 5000.00 | 0.0 | 0.0 | 5700.00 | 690.60 | 702.65 | 0.0 | 6.55 | 1173.13 | 1569.13 | 1615.15 | 1.15 |
| 152275.000 | 5000.00 | 0.0 | 0.0 | 7000.00 | 690.60 | 703.23 | 0.0 | 6.98 | 1164.18 | 1577.10 | 1850.46 | 0.58 |
| 152275.000 | 5000.00 | 0.0 | 0.0 | 10500.00 | 690.60 | 703.93 | 0.0 | 8.96 | 1153.20 | 1586.87 | 2152.50 | 0.70 |
| 156790.000 | 4515.00 | 0.0 | 0.0 | 3420.00 | 696.80 | 707.40 | 706.93 | 6.53 | 1368.63 | 2019.03 | 1219.35 | 0.0 |
| 156790.000 | 4515.00 | 0.0 | 0.0 | 5600.00 | 696.80 | 708.32 | 0.0 | 6.72 | 1342.34 | 2026.33 | 1833.40 | 0.92 |
| 156790.000 | 4515.00 | 0.0 | 0.0 | 6800.00 | 696.80 | 708.81 | 0.0 | 6.71 | 1328.46 | 2030.19 | 2169.97 | 0.49 |
| 156790.000 | 4515.00 | 0.0 | 0.0 | 10100.00 | 696.80 | 710.10 | 0.0 | 6.55 | 1295.45 | 2040.51 | 3113.16 | 1.29 |
| 156890.000 | 100.00 | 0.0 | 0.0 | 3420.00 | 698.50 | 707.53 | 0.0 | 4.77 | 1566.99 | 1847.58 | 852.64 | 0.0 |
| 156890.000 | 100.00 | 0.0 | 0.0 | 5600.00 | 698.50 | 708.29 | 0.0 | 6.36 | 1546.88 | 1863.01 | 1075.94 | 0.76 |
| 156890.000 | 100.00 | 0.0 | 0.0 | 6800.00 | 698.50 | 708.70 | 0.0 | 6.98 | 1535.95 | 1874.93 | 1210.19 | 0.41 |
| 156890.000 | 100.00 | 0.0 | 0.0 | 10100.00 | 698.50 | 709.83 | 0.0 | 8.07 | 1505.70 | 1907.94 | 1630.69 | 1.13 |
| 156910.000 | 20.00 | 712.70 | 711.10 | 3420.00 | 698.50 | 707.61 | 0.0 | 4.68 | 1565.10 | 1847.89 | 872.51 | 0.0 |
| 156910.000 | 20.00 | 712.70 | 711.10 | 5600.00 | 698.50 | 708.45 | 0.0 | 6.11 | 1542.67 | 1867.61 | 1126.60 | 0.84 |
| 156910.000 | 20.00 | 712.70 | 711.10 | 6800.00 | 698.50 | 708.90 | 0.0 | 6.66 | 1530.66 | 1880.71 | 1278.63 | 0.45 |
| 156910.000 | 20.00 | 712.70 | 711.10 | 10100.00 | 698.50 | 710.10 | 0.0 | 7.65 | 1498.52 | 1915.77 | 1740.96 | 1.21 |
| 157010.000 | 100.00 | 0.0 | 0.0 | 3420.00 | 700.20 | 710.40 | 710.40 | 8.39 | 1379.89 | 2015.90 | 965.97 | 0.0 |
| 157010.000 | 100.00 | 0.0 | 0.0 | 5600.00 | 700.20 | 710.80 | 710.80 | 10.67 | 1368.53 | 2019.06 | 1221.81 | 0.40 |
| 157010.000 | 100.00 | 0.0 | 0.0 | 6800.00 | 700.20 | 711.04 | 711.04 | 11.35 | 1361.83 | 2020.92 | 1375.28 | 0.23 |
| 157010.000 | 100.00 | 0.0 | 0.0 | 10100.00 | 700.20 | 711.58 | 711.58 | 12.90 | 1346.33 | 2025.22 | 1738.19 | 0.54 |
| 160625.000 | 3615.00 | 0.0 | 0.0 | 3400.00 | 705.20 | 715.73 | 0.0 | 4.66 | 1162.30 | 1738.53 | 1505.53 | 0.0 |
| 160625.000 | 3615.00 | 0.0 | 0.0 | 5500.00 | 705.20 | 716.83 | 0.0 | 5.07 | 1145.79 | 1768.43 | 2168.64 | 1.10 |
| 160625.000 | 3615.00 | 0.0 | 0.0 | 6700.00 | 705.20 | 717.31 | 0.0 | 5.36 | 1138.65 | 1781.35 | 2471.28 | 0.48 |
| 160625.000 | 3615.00 | 0.0 | 0.0 | 10000.00 | 705.20 | 718.42 | 0.0 | 6.02 | 1122.13 | 1812.26 | 3208.44 | 1.11 |
| 164575.000 | 3950.00 | 0.0 | 0.0 | 3110.00 | 712.20 | 721.49 | 721.49 | 8.44 | 1287.30 | 2030.54 | 825.56 | 0.0 |
| 164575.000 | 3950.00 | 0.0 | 0.0 | 5150.00 | 712.20 | 722.01 | 722.01 | 9.99 | 1270.79 | 2050.23 | 1205.72 | 0.51 |
| 164575.000 | 3950.00 | 0.0 | 0.0 | 6500.00 | 712.20 | 722.42 | 0.0 | 9.86 | 1257.26 | 2066.35 | 1538.67 | 0.42 |
| 164575.000 | 3950.00 | 0.0 | 0.0 | 9700.00 | 712.20 | 723.36 | 0.0 | 9.39 | 1227.10 | 2102.31 | 2326.03 | 0.93 |
| 164675.000 | 100.00 | 0.0 | 0.0 | 3110.00 | 712.40 | 722.10 | 0.0 | 4.20 | 1725.18 | 2074.26 | 1318.57 | 0.0 |
| 164675.000 | 100.00 | 0.0 | 0.0 | 5150.00 | 712.40 | 722.62 | 0.0 | 6.12 | 1721.64 | 2083.14 | 1504.32 | 0.52 |
| 164675.000 | 100.00 | 0.0 | 0.0 | 6500.00 | 712.40 | 722.82 | 0.0 | 7.36 | 1720.26 | 2083.88 | 1578.25 | 0.20 |
| 164675.000 | 100.00 | 0.0 | 0.0 | 9700.00 | 712.40 | 723.41 | 0.0 | 9.63 | 1716.27 | 2085.99 | 1793.36 | 0.59 |

| SECNO | XLCH | ELTRD | ELLC | Q | ELMIN | CWSEL | CRWS | VCH | SSTA | ENOST | AREA | DIFWSP |
|-----------------------------|---------|--------|--------|---------|--------|--------|--------|-------|---------|---------|---------|--------|
| 164693.000 | 18.00 | 725.40 | 723.00 | 3110.00 | 712.40 | 722.10 | 0.0 | 4.20 | 1725.18 | 2074.24 | 1318.39 | 0.0 |
| 164693.000 | 18.00 | 725.40 | 723.00 | 5150.00 | 712.40 | 722.62 | 0.0 | 6.12 | 1721.65 | 2083.14 | 1503.81 | 0.52 |
| 164693.000 | 18.00 | 725.40 | 723.00 | 6500.00 | 712.40 | 726.80 | 0.0 | 3.58 | 1364.42 | 2098.22 | 3333.18 | 4.19 |
| 164693.000 | 18.00 | 725.40 | 723.00 | 9700.00 | 712.40 | 727.69 | 0.0 | 4.63 | 1312.53 | 2121.51 | 4008.64 | 6.88 |
| <i>16508</i> 164793.000 | 100.00 | 0.0 | 0.0 | 3110.00 | 712.60 | 721.85 | 721.85 | 8.70 | 1288.75 | 2028.81 | 795.27 | 0.0 |
| 164793.000 | 100.00 | 0.0 | 0.0 | 5150.00 | 712.60 | 722.61 | 0.0 | 8.82 | 1264.17 | 2058.12 | 1367.09 | 0.76 |
| <i>AD</i> 164793.000 | 100.00 | 0.0 | 0.0 | 6500.00 | 712.60 | 726.88 | 0.0 | 2.45 | 1163.93 | 2210.41 | 5347.22 | 4.27 |
| 164793.000 | 100.00 | 0.0 | 0.0 | 9700.00 | 712.60 | 727.81 | 0.0 | 3.01 | 1149.22 | 2227.26 | 6331.42 | 0.92 |
| 166275.000 | 1482.00 | 0.0 | 0.0 | 3100.00 | 716.30 | 725.29 | 0.0 | 5.27 | 1556.33 | 2323.20 | 1324.58 | 0.0 |
| 166275.000 | 1482.00 | 0.0 | 0.0 | 5100.00 | 716.30 | 725.93 | 0.0 | 6.13 | 1536.57 | 2329.59 | 1817.76 | 0.64 |
| <i>AP</i> 166275.000 | 1482.00 | 0.0 | 0.0 | 6450.00 | 716.30 | 727.14 | 0.0 | 4.74 | 1498.34 | 2341.85 | 2810.60 | 1.21 |
| 166275.000 | 1482.00 | 0.0 | 0.0 | 9650.00 | 716.30 | 728.14 | 0.0 | 5.22 | 1460.03 | 2351.91 | 3674.95 | 1.00 |
| <i>167350</i> 167525.000 | 1250.00 | 0.0 | 0.0 | 3100.00 | 718.80 | 728.10 | 728.10 | 8.35 | 1367.59 | 1921.54 | 776.88 | 0.0 |
| 167525.000 | 1250.00 | 0.0 | 0.0 | 5100.00 | 718.80 | 728.69 | 728.69 | 9.93 | 1348.74 | 1935.45 | 1110.09 | 0.58 |
| <i>AQ</i> 167525.000 | 1250.00 | 0.0 | 0.0 | 6450.00 | 718.80 | 728.95 | 728.95 | 11.02 | 1340.23 | 1941.74 | 1266.88 | 0.26 |
| 167525.000 | 1250.00 | 0.0 | 0.0 | 9650.00 | 718.80 | 729.63 | 729.63 | 12.28 | 1318.53 | 1957.75 | 1684.14 | 0.67 |
| <i>167450</i> 167625.000 | 100.00 | 0.0 | 0.0 | 3100.00 | 719.90 | 728.41 | 0.0 | 6.43 | 1651.27 | 1756.54 | 482.48 | 0.0 |
| 167625.000 | 100.00 | 0.0 | 0.0 | 5100.00 | 719.90 | 728.56 | 0.0 | 10.21 | 1649.48 | 1736.97 | 499.65 | 0.15 |
| * 167625.000 | 100.00 | 0.0 | 0.0 | 6450.00 | 719.90 | 728.70 | 728.70 | 12.55 | 1648.91 | 1757.33 | 513.81 | 0.13 |
| * 167625.000 | 100.00 | 0.0 | 0.0 | 9650.00 | 719.90 | 730.25 | 730.25 | 14.02 | 1645.80 | 1761.54 | 688.17 | 1.56 |
| 167648.000 | 23.00 | 737.10 | 733.40 | 3100.00 | 719.90 | 728.50 | 0.0 | 6.29 | 1650.18 | 1756.80 | 492.93 | 0.0 |
| 167648.000 | 23.00 | 737.10 | 733.40 | 5100.00 | 719.90 | 728.98 | 0.0 | 9.36 | 1648.34 | 1758.10 | 544.95 | 0.48 |
| 167648.000 | 23.00 | 737.10 | 733.40 | 6450.00 | 719.90 | 729.56 | 0.0 | 10.59 | 1647.18 | 1759.66 | 608.94 | 0.58 |
| 167648.000 | 23.00 | 737.10 | 733.40 | 9650.00 | 719.90 | 731.38 | 0.0 | 11.74 | 1643.54 | 1764.59 | 821.66 | 1.82 |
| <i>167573</i> 167748.000 | 100.00 | 0.0 | 0.0 | 3100.00 | 721.00 | 730.28 | 730.28 | 8.45 | 1368.24 | 1921.06 | 765.67 | 0.0 |
| 167748.000 | 100.00 | 0.0 | 0.0 | 5100.00 | 721.00 | 730.83 | 730.83 | 10.24 | 1350.68 | 1934.02 | 1074.95 | 0.54 |
| <i>AP</i> 167748.000 | 100.00 | 0.0 | 0.0 | 6450.00 | 721.00 | 731.20 | 731.20 | 10.77 | 1338.72 | 1942.85 | 1294.99 | 0.37 |
| 167748.000 | 100.00 | 0.0 | 0.0 | 9650.00 | 721.00 | 733.61 | 0.0 | 6.79 | 1255.35 | 2000.07 | 2914.26 | 2.41 |
| 170400.000 | 2652.00 | 0.0 | 0.0 | 2490.00 | 723.50 | 733.77 | 0.0 | 3.67 | 1084.44 | 1554.46 | 1330.62 | 0.0 |
| 170400.000 | 2652.00 | 0.0 | 0.0 | 4000.00 | 723.50 | 734.84 | 0.0 | 4.14 | 1078.86 | 1628.04 | 1870.99 | 1.06 |
| <i>AS</i> 170400.000 | 2652.00 | 0.0 | 0.0 | 5000.00 | 723.50 | 735.36 | 0.0 | 4.45 | 1076.13 | 1671.51 | 2169.37 | 0.53 |
| 170400.000 | 2652.00 | 0.0 | 0.0 | 7500.00 | 723.50 | 736.01 | 0.0 | 5.61 | 1072.69 | 1802.48 | 2592.00 | 0.65 |
| 172400.000 | 2000.00 | 0.0 | 0.0 | 2480.00 | 726.60 | 735.25 | 0.0 | 6.46 | 1090.98 | 1543.23 | 806.97 | 0.0 |
| 172400.000 | 2000.00 | 0.0 | 0.0 | 3990.00 | 726.60 | 736.26 | 0.0 | 6.39 | 1085.78 | 1573.33 | 1280.71 | 1.00 |
| <i>AT</i> 172400.000 | 2000.00 | 0.0 | 0.0 | 4990.00 | 726.60 | 736.80 | 0.0 | 6.49 | 1082.97 | 1589.62 | 1551.97 | 0.54 |
| 172400.000 | 2000.00 | 0.0 | 0.0 | 7490.00 | 726.60 | 737.82 | 0.0 | 7.06 | 1077.73 | 1620.01 | 2085.78 | 1.02 |
| 172700.000 | 300.00 | 0.0 | 0.0 | 2480.00 | 727.80 | 735.80 | 0.0 | 4.77 | 1542.29 | 1876.30 | 718.57 | 0.0 |
| 172700.000 | 300.00 | 0.0 | 0.0 | 3990.00 | 727.80 | 736.64 | 0.0 | 5.77 | 1482.96 | 1959.93 | 1056.33 | 0.83 |
| 172700.000 | 300.00 | 0.0 | 0.0 | 4990.00 | 727.80 | 737.13 | 0.0 | 6.14 | 1447.54 | 2009.57 | 1314.81 | 0.50 |
| 172700.000 | 300.00 | 0.0 | 0.0 | 7490.00 | 727.80 | 738.14 | 0.0 | 6.70 | 1393.22 | 2101.54 | 1960.02 | 1.01 |
| 172720.000 | 20.00 | 739.50 | 737.30 | 2480.00 | 727.80 | 735.83 | 0.0 | 4.73 | 1540.36 | 1879.02 | 727.68 | 0.0 |
| 172720.000 | 20.00 | 739.50 | 737.30 | 3990.00 | 727.80 | 736.68 | 0.0 | 5.70 | 1480.06 | 1964.02 | 1075.92 | 0.85 |
| 172720.000 | 20.00 | 739.50 | 737.30 | 4990.00 | 727.80 | 738.82 | 0.0 | 3.58 | 1379.18 | 2125.10 | 2461.56 | 2.15 |
| 172720.000 | 20.00 | 739.50 | 737.30 | 7490.00 | 727.80 | 740.88 | 0.0 | 3.23 | 1337.37 | 2195.28 | 4108.54 | 2.05 |

| SECNO | XLCH | ELTRD | ELLC | Q | ELMIN | CWSEL | CRWS | VCH | SSTA | ENDST | AREA | DIFWSP |
|----------------------|---------|--------|--------|---------|--------|--------|--------|-------|---------|---------|---------|--------|
| 173020.000 | 300.00 | 0.0 | 0.0 | 2480.00 | 726.60 | 736.27 | 0.0 | 3.95 | 1085.72 | 1573.68 | 1286.45 | 0.0 |
| <i>AU</i> 173020.000 | 300.00 | 0.0 | 0.0 | 3990.00 | 726.60 | 737.22 | 0.0 | 4.50 | 1080.82 | 1602.08 | 1766.33 | 0.95 |
| <i>AU</i> 173020.000 | 300.00 | 0.0 | 0.0 | 4990.00 | 726.60 | 738.96 | 0.0 | 3.52 | 1071.84 | 1654.10 | 2727.69 | 1.74 |
| <i>AU</i> 173020.000 | 300.00 | 0.0 | 0.0 | 7490.00 | 726.60 | 740.95 | 0.0 | 3.55 | 1061.60 | 1707.13 | 3951.74 | 1.99 |
| * 175100.000 | 2080.00 | 0.0 | 0.0 | 2480.00 | 734.40 | 740.75 | 740.75 | 7.46 | 1150.04 | 1853.42 | 678.68 | 0.0 |
| <i>AW</i> 175100.000 | 2080.00 | 0.0 | 0.0 | 3990.00 | 734.40 | 741.16 | 741.16 | 8.70 | 1138.90 | 1872.59 | 974.97 | 0.41 |
| <i>AW</i> 175100.000 | 2080.00 | 0.0 | 0.0 | 4990.00 | 734.40 | 741.37 | 741.37 | 9.43 | 1133.36 | 1882.12 | 1126.80 | 0.20 |
| <i>AW</i> 175100.000 | 2080.00 | 0.0 | 0.0 | 7490.00 | 734.40 | 741.80 | 741.80 | 10.62 | 1121.53 | 1902.48 | 1461.61 | 0.44 |
| <i>AW</i> 179375.000 | 4275.00 | 0.0 | 0.0 | 2390.00 | 743.60 | 751.59 | 0.0 | 6.11 | 1086.49 | 1591.91 | 848.06 | 0.0 |
| <i>AW</i> 179375.000 | 4275.00 | 0.0 | 0.0 | 3900.00 | 743.60 | 752.39 | 0.0 | 6.59 | 1082.24 | 1620.32 | 1265.14 | 0.80 |
| <i>AW</i> 179375.000 | 4275.00 | 0.0 | 0.0 | 4800.00 | 743.60 | 752.81 | 0.0 | 6.77 | 1080.01 | 1632.62 | 1493.19 | 0.42 |
| <i>AW</i> 179375.000 | 4275.00 | 0.0 | 0.0 | 7300.00 | 743.60 | 753.73 | 0.0 | 7.38 | 1075.06 | 1659.86 | 2019.94 | 0.92 |
| 179475.000 | 100.00 | 0.0 | 0.0 | 2390.00 | 744.60 | 751.83 | 0.0 | 4.03 | 1141.35 | 1632.07 | 1005.65 | 0.0 |
| 179475.000 | 100.00 | 0.0 | 0.0 | 3900.00 | 744.60 | 752.56 | 0.0 | 4.97 | 1113.19 | 1657.40 | 1385.71 | 0.73 |
| 179475.000 | 100.00 | 0.0 | 0.0 | 4800.00 | 744.60 | 752.96 | 0.0 | 5.35 | 1098.03 | 1671.00 | 1605.94 | 0.39 |
| 179475.000 | 100.00 | 0.0 | 0.0 | 7300.00 | 744.60 | 753.85 | 0.0 | 6.19 | 1079.85 | 1702.03 | 2145.21 | 0.90 |
| 179484.000 | 9.00 | 750.00 | 752.60 | 2390.00 | 744.60 | 751.83 | 0.0 | 4.03 | 1141.30 | 1632.11 | 1006.20 | 0.0 |
| 179484.000 | 9.00 | 750.00 | 752.60 | 3900.00 | 744.60 | 752.69 | 0.0 | 4.76 | 1108.25 | 1661.84 | 1456.47 | 0.86 |
| 179484.000 | 9.00 | 750.00 | 752.60 | 4800.00 | 744.60 | 753.12 | 0.0 | 5.07 | 1091.73 | 1676.71 | 1701.82 | 0.43 |
| 179484.000 | 9.00 | 750.00 | 752.60 | 7300.00 | 744.60 | 754.09 | 0.0 | 5.79 | 1077.65 | 1710.49 | 2293.81 | 0.97 |
| * 179584.000 | 100.00 | 0.0 | 0.0 | 2390.00 | 745.60 | 753.14 | 753.14 | 8.06 | 1088.90 | 1557.22 | 628.47 | 0.0 |
| <i>AW</i> 179584.000 | 100.00 | 0.0 | 0.0 | 3900.00 | 745.60 | 753.66 | 753.66 | 9.61 | 1086.14 | 1596.92 | 881.13 | 0.52 |
| <i>AW</i> 179584.000 | 100.00 | 0.0 | 0.0 | 4800.00 | 745.60 | 753.95 | 753.95 | 10.06 | 1084.57 | 1607.47 | 1033.30 | 0.29 |
| <i>AW</i> 179584.000 | 100.00 | 0.0 | 0.0 | 7300.00 | 745.60 | 754.46 | 754.46 | 11.94 | 1081.85 | 1622.47 | 1304.63 | 0.51 |
| 179825.000 | 241.00 | 0.0 | 0.0 | 2390.00 | 745.20 | 753.90 | 0.0 | 3.37 | 1049.64 | 1398.34 | 1358.76 | 0.0 |
| 179825.000 | 241.00 | 0.0 | 0.0 | 3900.00 | 745.20 | 754.57 | 0.0 | 4.65 | 1045.44 | 1403.56 | 1594.81 | 0.67 |
| 179825.000 | 241.00 | 0.0 | 0.0 | 4800.00 | 745.20 | 754.80 | 0.0 | 5.34 | 1043.51 | 1405.95 | 1705.39 | 0.31 |
| 179825.000 | 241.00 | 0.0 | 0.0 | 7300.00 | 745.20 | 755.62 | 0.0 | 6.95 | 1038.86 | 1411.73 | 1977.46 | 0.74 |
| 179925.000 | 100.00 | 0.0 | 0.0 | 2390.00 | 744.00 | 753.89 | 0.0 | 3.32 | 1203.98 | 1593.73 | 1001.25 | 0.0 |
| 179925.000 | 100.00 | 0.0 | 0.0 | 3900.00 | 744.00 | 754.54 | 0.0 | 4.68 | 1194.37 | 1596.35 | 1251.83 | 0.66 |
| 179925.000 | 100.00 | 0.0 | 0.0 | 4800.00 | 744.00 | 754.84 | 0.0 | 5.38 | 1189.47 | 1597.54 | 1372.84 | 0.30 |
| 179925.000 | 100.00 | 0.0 | 0.0 | 7300.00 | 744.00 | 755.56 | 0.0 | 6.97 | 1177.62 | 1600.42 | 1673.28 | 0.72 |
| 179933.000 | 8.00 | 752.70 | 754.20 | 2390.00 | 744.00 | 753.89 | 0.0 | 3.32 | 1203.98 | 1593.73 | 1001.26 | 0.0 |
| 179933.000 | 8.00 | 752.70 | 754.20 | 3900.00 | 744.00 | 754.95 | 0.0 | 4.36 | 1189.36 | 1597.57 | 1375.65 | 0.96 |
| 179933.000 | 8.00 | 752.70 | 754.20 | 4800.00 | 744.00 | 755.20 | 0.0 | 4.96 | 1183.63 | 1598.96 | 1519.69 | 0.35 |
| 179933.000 | 8.00 | 752.70 | 754.20 | 7300.00 | 744.00 | 756.02 | 0.0 | 6.33 | 1170.14 | 1602.24 | 1868.34 | 0.82 |
| 180033.000 | 100.00 | 0.0 | 0.0 | 2390.00 | 746.40 | 753.90 | 0.0 | 4.82 | 1057.18 | 1388.98 | 950.98 | 0.0 |
| 180033.000 | 100.00 | 0.0 | 0.0 | 3900.00 | 746.40 | 754.89 | 0.0 | 5.82 | 1050.96 | 1395.71 | 1236.11 | 0.99 |
| 180033.000 | 100.00 | 0.0 | 0.0 | 4800.00 | 746.40 | 755.25 | 0.0 | 6.51 | 1048.69 | 1399.52 | 1411.71 | 0.36 |
| 180033.000 | 100.00 | 0.0 | 0.0 | 7300.00 | 746.40 | 756.10 | 0.0 | 8.08 | 1043.37 | 1406.14 | 1713.89 | 0.85 |
| 180900.000 | 867.00 | 0.0 | 0.0 | 2390.00 | 749.10 | 754.59 | 0.0 | 5.88 | 1067.85 | 1414.45 | 687.85 | 0.0 |
| <i>AW</i> 180900.000 | 867.00 | 0.0 | 0.0 | 3900.00 | 749.10 | 755.69 | 0.0 | 6.35 | 1062.05 | 1421.92 | 1071.68 | 1.09 |
| <i>AW</i> 180900.000 | 867.00 | 0.0 | 0.0 | 4800.00 | 749.10 | 756.16 | 0.0 | 6.73 | 1059.53 | 1425.15 | 1242.33 | 0.47 |
| <i>AW</i> 180900.000 | 867.00 | 0.0 | 0.0 | 7300.00 | 749.10 | 757.24 | 0.0 | 7.67 | 1053.73 | 1432.62 | 1646.52 | 1.09 |

| SECNO | XLCH | ELTRD | FLLC | Q | ELMIN | CWSEL | CRWS | VCH | SSTA | ENDST | AREA | DIFWSP |
|-----------------------|------------------|-------------------|-------------------|--------------------|-------------------|-------------------|----------------|-----------------|--------------------|--------------------|--------------------|-----------------|
| 180950.000 | 50.00 | 0.0 | 0.0 | 2390.00 | 746.80 | 754.92 | 0.0 | 3.35 | 1216.09 | 1632.45 | 1183.70 | 0.0 |
| 180950.000 | 50.00 | 0.0 | 0.0 | 3900.00 | 746.80 | 755.97 | 0.0 | 4.02 | 1195.84 | 1644.96 | 1638.00 | 1.05 |
| 180950.000 | 50.00 | 0.0 | 0.0 | 4800.00 | 746.80 | 756.46 | 0.0 | 4.37 | 1184.34 | 1650.71 | 1858.98 | 0.48 |
| 180950.000 | 50.00 | 0.0 | 0.0 | 7300.00 | 746.80 | 757.58 | 0.0 | 5.15 | 1157.52 | 1664.13 | 2406.99 | 1.13 |
| 180958.000 | 8.00 | 752.20 | 757.20 | 2390.00 | 746.80 | 754.92 | 0.0 | 3.35 | 1216.14 | 1632.41 | 1182.58 | 0.0 |
| 180958.000 | 8.00 | 752.20 | 757.20 | 3900.00 | 746.80 | 755.98 | 0.0 | 4.01 | 1195.65 | 1645.06 | 1641.52 | 1.06 |
| 180958.000 | 8.00 | 752.20 | 757.20 | 4800.00 | 746.80 | 756.47 | 0.0 | 4.35 | 1183.96 | 1650.91 | 1866.52 | 0.49 |
| 180958.000 | 8.00 | 752.20 | 757.20 | 7300.00 | 746.80 | 757.76 | 0.0 | 4.97 | 1153.35 | 1666.22 | 2496.32 | 1.29 |
| AY 181008.000 | 50.00 | 0.0 | 0.0 | 2390.00 | 749.30 | 754.76 | 0.0 | 5.98 | 1068.07 | 1414.17 | 673.81 | 0.0 |
| AZ 181008.000 | 50.00 | 0.0 | 0.0 | 3900.00 | 749.30 | 755.85 | 0.0 | 6.43 | 1062.25 | 1421.66 | 1058.05 | 1.09 |
| 181008.000 | 50.00 | 0.0 | 0.0 | 4800.00 | 749.30 | 756.34 | 0.0 | 6.77 | 1059.63 | 1425.03 | 1235.76 | 0.49 |
| 181008.000 | 50.00 | 0.0 | 0.0 | 7300.00 | 749.30 | 757.63 | 0.0 | 7.34 | 1052.75 | 1433.88 | 1716.25 | 1.29 |
| * 181150.000 | 142.00 | 0.0 | 0.0 | 2300.00 | 749.80 | 756.39 | 756.39 | 8.66 | 1055.64 | 1507.56 | 400.40 | 0.0 |
| * 181150.000 | 142.00 | 0.0 | 0.0 | 3800.00 | 749.80 | 757.32 | 757.32 | 9.42 | 1052.35 | 1521.06 | 741.59 | 0.94 |
| * 181150.000 | 142.00 | 0.0 | 0.0 | 4700.00 | 749.80 | 757.73 | 757.73 | 9.73 | 1050.90 | 1527.00 | 931.36 | 0.41 |
| * 181150.000 | 142.00 | 0.0 | 0.0 | 7000.00 | 749.80 | 758.25 | 758.25 | 11.65 | 1049.07 | 1534.49 | 1181.13 | 0.52 |
| 181200.000 | 50.00 | 0.0 | 0.0 | 2300.00 | 749.80 | 757.38 | 0.0 | 2.62 | 2061.77 | 2379.09 | 1222.88 | 0.0 |
| 181200.000 | 50.00 | 0.0 | 0.0 | 3800.00 | 749.80 | 758.23 | 0.0 | 3.60 | 2047.09 | 2393.83 | 1506.73 | 0.85 |
| 181200.000 | 50.00 | 0.0 | 0.0 | 4700.00 | 749.80 | 758.58 | 0.0 | 4.16 | 2041.13 | 2399.82 | 1629.33 | 0.35 |
| 181200.000 | 50.00 | 0.0 | 0.0 | 7000.00 | 749.80 | 759.29 | 0.0 | 5.43 | 2029.10 | 2411.89 | 1888.87 | 0.71 |
| 181220.000 | 20.00 | 761.60 | 760.40 | 2300.00 | 749.80 | 757.39 | 0.0 | 2.62 | 2061.80 | 2379.06 | 1222.33 | 0.0 |
| 181220.000 | 20.00 | 761.60 | 760.40 | 3800.00 | 749.80 | 758.24 | 0.0 | 3.60 | 2047.10 | 2393.82 | 1506.66 | 0.86 |
| 181220.000 | 20.00 | 761.60 | 760.40 | 4700.00 | 749.80 | 758.59 | 0.0 | 4.16 | 2041.08 | 2399.87 | 1630.24 | 0.35 |
| 181220.000 | 20.00 | 761.60 | 760.40 | 7000.00 | 749.80 | 759.31 | 0.0 | 5.42 | 2028.78 | 2412.22 | 1896.17 | 0.72 |
| 181420.000 | 200.00 | 0.0 | 0.0 | 2300.00 | 750.50 | 757.09 | 757.09 | 8.65 | 1055.64 | 1507.59 | 400.96 | 0.0 |
| 181420.000 | 200.00 | 0.0 | 0.0 | 3800.00 | 750.50 | 757.98 | 757.98 | 9.62 | 1052.51 | 1520.38 | 721.23 | 0.89 |
| 181420.000 | 200.00 | 0.0 | 0.0 | 4700.00 | 750.50 | 758.38 | 758.38 | 9.98 | 1051.10 | 1526.18 | 904.31 | 0.40 |
| 181420.000 | 200.00 | 0.0 | 0.0 | 7000.00 | 750.50 | 759.00 | 0.0 | 11.40 | 1048.87 | 1535.29 | 1208.12 | 0.62 |
| BB 182625.000 | 1205.00 | 0.0 | 0.0 | 2300.00 | 753.10 | 760.57 | 0.0 | 6.13 | 1402.45 | 1528.20 | 404.01 | 0.0 |
| 182625.000 | 1205.00 | 0.0 | 0.0 | 3800.00 | 753.10 | 761.56 | 0.0 | 7.75 | 1231.50 | 1545.28 | 655.14 | 0.97 |
| 182625.000 | 1205.00 | 0.0 | 0.0 | 4700.00 | 753.10 | 761.96 | 0.0 | 8.51 | 1203.09 | 1550.70 | 786.70 | 0.40 |
| 182625.000 | 1205.00 | 0.0 | 0.0 | 7000.00 | 753.10 | 762.91 | 0.0 | 9.58 | 1145.66 | 1563.19 | 1149.93 | 0.95 |
| 182725.000 | 100.00 | 0.0 | 0.0 | 2300.00 | 753.10 | 760.84 | 0.0 | 5.76 | 1282.93 | 1532.60 | 452.31 | 0.0 |
| 182725.000 | 100.00 | 0.0 | 0.0 | 3800.00 | 753.10 | 762.00 | 0.0 | 6.79 | 1199.78 | 1551.32 | 803.13 | 1.16 |
| 182725.000 | 100.00 | 0.0 | 0.0 | 4700.00 | 753.10 | 762.51 | 0.0 | 7.22 | 1169.59 | 1557.94 | 989.23 | 0.51 |
| 182725.000 | 100.00 | 0.0 | 0.0 | 7000.00 | 753.10 | 763.51 | 0.0 | 8.12 | 1109.45 | 1571.14 | 1415.27 | 1.00 |
| 182733.000 | 8.00 | 760.70 | 762.30 | 2300.00 | 753.10 | 760.84 | 0.0 | 5.75 | 1282.76 | 1532.65 | 452.91 | 0.0 |
| 182733.000 | 8.00 | 760.70 | 762.30 | 3800.00 | 753.10 | 762.36 | 0.0 | 6.09 | 1178.20 | 1556.05 | 934.25 | 1.52 |
| 182733.000 | 8.00 | 760.70 | 762.30 | 4700.00 | 753.10 | 762.89 | 0.0 | 6.46 | 1146.54 | 1563.00 | 1143.84 | 0.53 |
| 182733.000 | 8.00 | 760.70 | 762.30 | 7000.00 | 753.10 | 763.85 | 0.0 | 7.42 | 1096.87 | 1575.69 | 1578.19 | 0.96 |
| 182833.000 | 100.00 | 0.0 | 0.0 | 2300.00 | 753.20 | 761.00 | 0.0 | 5.67 | 1278.96 | 1533.58 | 466.34 | 0.0 |
| 182833.000 | 100.00 | 0.0 | 0.0 | 3800.00 | 753.20 | 762.49 | 0.0 | 6.03 | 1176.09 | 1556.51 | 947.59 | 1.49 |
| 182833.000 | 100.00 | 0.0 | 0.0 | 4700.00 | 753.20 | 763.02 | 0.0 | 6.39 | 1144.32 | 1563.49 | 1159.30 | 0.53 |
| 182833.000 | 100.00 | 0.0 | 0.0 | 7000.00 | 753.20 | 764.00 | 0.0 | 7.33 | 1096.52 | 1576.29 | 1600.33 | 0.98 |

| SECNO | XLCH | ELTRD | ELLC | Q | ELMIN | CMSL | CRIMS | VCH | SSTA | ENDST | AREA | DIFWSP |
|-------------------------|---------|--------|--------|---------|--------|--------|-------|-------|---------|---------|---------|--------|
| 184625.000 | 1792.00 | 0.0 | 0.0 | 2300.00 | 756.90 | 764.59 | 0.0 | 0.0 | 1384.08 | 1506.00 | 359.45 | 0.0 |
| 184625.000 | 1792.00 | 0.0 | 0.0 | 3800.00 | 756.90 | 765.82 | 0.0 | 0.0 | 1197.50 | 1521.53 | 632.31 | 1.24 |
| 184625.000 | 1792.00 | 0.0 | 0.0 | 4700.00 | 756.90 | 766.39 | 0.0 | 0.0 | 1186.01 | 1528.57 | 819.98 | 0.57 |
| 184625.000 | 1792.00 | 0.0 | 0.0 | 7000.00 | 756.90 | 767.55 | 0.0 | 0.0 | 1162.11 | 1543.21 | 1243.74 | 1.16 |
| BD 184725.000 | 100.00 | 0.0 | 0.0 | 2300.00 | 757.00 | 764.93 | 0.0 | 5.86 | 1210.76 | 1449.35 | 466.93 | 0.0 |
| 184725.000 | 100.00 | 0.0 | 0.0 | 3800.00 | 757.00 | 766.02 | 0.0 | 6.91 | 1139.74 | 1727.60 | 811.97 | 1.09 |
| 184725.000 | 100.00 | 0.0 | 0.0 | 4700.00 | 757.00 | 765.55 | 0.0 | 7.13 | 1108.58 | 1755.48 | 1092.04 | 0.53 |
| 184725.000 | 100.00 | 0.0 | 0.0 | 7000.00 | 757.00 | 767.77 | 0.0 | 6.90 | 1085.07 | 1806.46 | 1927.87 | 1.21 |
| 184733.000 | 8.00 | 764.40 | 766.70 | 2300.00 | 757.00 | 764.94 | 0.0 | 5.85 | 1210.40 | 1449.35 | 467.44 | 0.0 |
| 184733.000 | 8.00 | 764.40 | 766.70 | 3800.00 | 757.00 | 766.03 | 0.0 | 6.87 | 1138.60 | 1728.62 | 820.92 | 1.10 |
| 184733.000 | 8.00 | 764.40 | 766.70 | 4700.00 | 757.00 | 766.56 | 0.0 | 7.11 | 1108.09 | 1755.92 | 1097.05 | 0.52 |
| 184733.000 | 8.00 | 764.40 | 766.70 | 7000.00 | 757.00 | 767.80 | 0.0 | 6.83 | 1084.64 | 1805.99 | 1950.08 | 1.25 |
| 184813.000 | 30.00 | 0.0 | 0.0 | 2300.00 | 757.20 | 764.91 | 0.0 | 6.96 | 1363.99 | 1506.44 | 362.92 | 0.0 |
| 184813.000 | 30.00 | 0.0 | 0.0 | 3800.00 | 757.20 | 765.69 | 0.0 | 9.81 | 1244.71 | 1516.09 | 500.41 | 0.77 |
| 184813.000 | 30.00 | 0.0 | 0.0 | 4700.00 | 757.20 | 766.24 | 0.0 | 10.49 | 1195.16 | 1522.97 | 669.77 | 0.55 |
| 184813.000 | 30.00 | 0.0 | 0.0 | 7000.00 | 757.20 | 767.45 | 0.0 | 11.17 | 1170.49 | 1538.08 | 1090.05 | 1.21 |
| 184885.000 | 72.00 | 0.0 | 0.0 | 2250.00 | 757.50 | 765.57 | 0.0 | 4.62 | 1304.98 | 1553.64 | 737.04 | 0.0 |
| 184885.000 | 72.00 | 0.0 | 0.0 | 3750.00 | 757.50 | 767.06 | 0.0 | 4.85 | 1108.68 | 1587.41 | 1239.02 | 1.49 |
| 184885.000 | 72.00 | 0.0 | 0.0 | 4650.00 | 757.50 | 767.72 | 0.0 | 4.99 | 1080.27 | 1596.66 | 1570.20 | 0.66 |
| 184885.000 | 72.00 | 0.0 | 0.0 | 6950.00 | 757.50 | 768.83 | 0.0 | 5.59 | 1053.70 | 1600.25 | 2163.20 | 1.11 |
| 184985.000 | 100.00 | 0.0 | 0.0 | 2250.00 | 758.10 | 765.34 | 0.0 | 6.84 | 1251.33 | 1663.41 | 347.78 | 0.0 |
| 184985.000 | 100.00 | 0.0 | 0.0 | 3750.00 | 758.10 | 766.84 | 0.0 | 7.28 | 1231.88 | 1669.86 | 789.01 | 1.50 |
| 184985.000 | 100.00 | 0.0 | 0.0 | 4650.00 | 758.10 | 767.60 | 0.0 | 6.77 | 1216.77 | 1677.07 | 1110.08 | 0.76 |
| 184985.000 | 100.00 | 0.0 | 0.0 | 6950.00 | 758.10 | 768.75 | 0.0 | 7.04 | 1194.43 | 1684.34 | 1650.41 | 1.14 |
| 185011.000 | 26.00 | 767.80 | 772.30 | 2250.00 | 758.10 | 765.41 | 0.0 | 6.74 | 1260.00 | 1663.56 | 358.89 | 0.0 |
| 185011.000 | 26.00 | 767.80 | 772.30 | 3750.00 | 758.10 | 766.90 | 0.0 | 7.13 | 1230.78 | 1670.38 | 810.52 | 1.49 |
| 185011.000 | 26.00 | 767.80 | 772.30 | 4650.00 | 758.10 | 767.79 | 0.0 | 6.34 | 1213.23 | 1678.22 | 1193.13 | 0.89 |
| 185011.000 | 26.00 | 767.80 | 772.30 | 6950.00 | 758.10 | 769.27 | 0.0 | 6.11 | 1184.04 | 1687.72 | 1913.24 | 1.48 |
| 185211.000 | 200.00 | 0.0 | 0.0 | 2250.00 | 758.50 | 766.19 | 0.0 | 5.25 | 1318.82 | 1551.89 | 647.02 | 0.0 |
| 185211.000 | 200.00 | 0.0 | 0.0 | 3750.00 | 758.50 | 767.60 | 0.0 | 5.50 | 1197.88 | 1563.83 | 1050.66 | 1.41 |
| 185211.000 | 200.00 | 0.0 | 0.0 | 4650.00 | 758.50 | 768.23 | 0.0 | 5.72 | 1095.93 | 1595.09 | 1322.76 | 0.62 |
| 185211.000 | 200.00 | 0.0 | 0.0 | 6950.00 | 758.50 | 769.55 | 0.0 | 5.97 | 1054.78 | 1599.38 | 2016.87 | 1.33 |
| 186250.000 | 1039.00 | 0.0 | 0.0 | 2250.00 | 759.70 | 767.63 | 0.0 | 5.94 | 1242.43 | 1485.04 | 457.73 | 0.0 |
| 186250.000 | 1039.00 | 0.0 | 0.0 | 3750.00 | 759.70 | 768.83 | 0.0 | 6.65 | 1133.20 | 1494.66 | 837.11 | 1.20 |
| 186250.000 | 1039.00 | 0.0 | 0.0 | 4650.00 | 759.70 | 769.38 | 0.0 | 6.96 | 1097.93 | 1499.02 | 1044.98 | 0.55 |
| 186250.000 | 1039.00 | 0.0 | 0.0 | 6950.00 | 759.70 | 770.52 | 0.0 | 7.48 | 1084.15 | 1530.96 | 1532.72 | 1.14 |
| 186350.000 | 100.00 | 0.0 | 0.0 | 2250.00 | 759.70 | 767.89 | 0.0 | 5.46 | 1194.28 | 1487.10 | 528.23 | 0.0 |
| 186350.000 | 100.00 | 0.0 | 0.0 | 3750.00 | 759.70 | 769.08 | 0.0 | 6.14 | 1116.82 | 1496.68 | 930.97 | 1.20 |
| 186350.000 | 100.00 | 0.0 | 0.0 | 4650.00 | 759.70 | 769.62 | 0.0 | 6.46 | 1089.29 | 1504.09 | 1146.06 | 0.54 |
| 186350.000 | 100.00 | 0.0 | 0.0 | 6950.00 | 759.70 | 770.73 | 0.0 | 7.08 | 1082.92 | 1536.31 | 1629.67 | 1.11 |
| 186358.000 | 8.00 | 767.40 | 770.30 | 2250.00 | 759.70 | 767.89 | 0.0 | 5.45 | 1194.03 | 1487.13 | 529.35 | 0.0 |
| 186358.000 | 8.00 | 767.40 | 770.30 | 3750.00 | 759.70 | 769.09 | 0.0 | 6.12 | 1116.31 | 1496.75 | 933.96 | 1.20 |
| 186358.000 | 8.00 | 767.40 | 770.30 | 4650.00 | 759.70 | 769.63 | 0.0 | 6.44 | 1089.24 | 1504.37 | 1149.56 | 0.54 |
| 186358.000 | 8.00 | 767.40 | 770.30 | 6950.00 | 759.70 | 771.01 | 0.0 | 6.59 | 1091.31 | 1543.27 | 1757.86 | 1.38 |

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| SECNO | YLCH | ELTRD | ELLC | Q | ELMIN | CWSEL | CRWS | VCH | SSTA | ENDST | AREA | DIFWSP |
|--------------|---------|--------|--------|---------|--------|--------|--------|-------|---------|---------|---------|--------|
| 186458.000 | 100.00 | n.0 | 0.0 | 2250.00 | 759.70 | 768.08 | 0.0 | 5.12 | 1181.82 | 1489.64 | 585.98 | 0.0 |
| 186458.000 | 100.00 | n.0 | 0.0 | 3750.00 | 759.70 | 769.27 | 0.0 | 5.80 | 1104.91 | 1498.16 | 1002.13 | 1.19 |
| 186458.000 | 100.00 | n.0 | 0.0 | 4650.00 | 759.70 | 769.81 | 0.0 | 6.12 | 1088.25 | 1510.06 | 1222.01 | 0.54 |
| 186458.000 | 100.00 | n.0 | 0.0 | 6950.00 | 759.70 | 771.14 | 0.0 | 6.42 | 1080.67 | 1546.06 | 1809.90 | 1.33 |
| * 187925.000 | 1467.00 | n.0 | 0.0 | 2200.00 | 765.50 | 770.85 | 770.85 | 7.51 | 1526.38 | 2393.06 | 798.69 | 0.0 |
| 187925.000 | 1467.00 | n.0 | 0.0 | 3700.00 | 765.50 | 771.63 | 0.0 | 6.19 | 1481.69 | 2413.26 | 1500.80 | 0.78 |
| 187925.000 | 1467.00 | n.0 | 0.0 | 4600.00 | 765.50 | 772.02 | 0.0 | 5.88 | 1459.71 | 2420.46 | 1875.14 | 0.39 |
| 187925.000 | 1467.00 | n.0 | 0.0 | 6900.00 | 765.50 | 772.95 | 0.0 | 5.48 | 1408.63 | 2437.17 | 2789.56 | 0.92 |
| 190310.000 | 2385.00 | n.0 | 0.0 | 2200.00 | 768.30 | 775.06 | 0.0 | 5.04 | 1310.25 | 2055.59 | 1046.25 | 0.0 |
| 190310.000 | 2385.00 | n.0 | 0.0 | 3700.00 | 768.30 | 775.50 | 0.0 | 6.44 | 1282.23 | 2079.04 | 1390.10 | 0.44 |
| 190310.000 | 2385.00 | n.0 | 0.0 | 4600.00 | 768.30 | 775.73 | 0.0 | 7.07 | 1269.11 | 2090.78 | 1570.67 | 0.22 |
| 190310.000 | 2385.00 | n.0 | 0.0 | 6900.00 | 768.30 | 776.22 | 0.0 | 8.28 | 1240.77 | 2112.27 | 1979.07 | 0.49 |
| 190410.000 | 100.00 | n.0 | 0.0 | 2200.00 | 768.60 | 774.35 | 0.0 | 9.88 | 1664.74 | 1720.74 | 222.70 | 0.0 |
| 190410.000 | 100.00 | n.0 | 0.0 | 3700.00 | 768.60 | 775.72 | 775.72 | 12.01 | 1655.85 | 1725.64 | 308.05 | 1.36 |
| 190410.000 | 100.00 | n.0 | 0.0 | 4600.00 | 768.60 | 776.51 | 776.51 | 12.57 | 1652.50 | 1728.48 | 365.83 | 0.79 |
| 190410.000 | 100.00 | n.0 | 0.0 | 6900.00 | 768.60 | 778.17 | 778.17 | 13.77 | 1647.60 | 1734.47 | 500.97 | 1.66 |
| 190435.000 | 25.00 | 784.70 | 781.90 | 2200.00 | 768.60 | 774.65 | 0.0 | 9.19 | 1662.84 | 1721.79 | 239.37 | 0.0 |
| 190435.000 | 25.00 | 784.70 | 781.90 | 3700.00 | 768.60 | 776.23 | 0.0 | 10.72 | 1653.32 | 1727.49 | 345.09 | 1.58 |
| 190435.000 | 25.00 | 784.70 | 781.90 | 4600.00 | 768.60 | 777.06 | 0.0 | 11.25 | 1650.86 | 1730.49 | 409.05 | 0.83 |
| 190435.000 | 25.00 | 784.70 | 781.90 | 6900.00 | 768.60 | 778.83 | 0.0 | 12.32 | 1645.64 | 1736.85 | 559.88 | 1.77 |
| 190535.000 | 100.00 | n.0 | 0.0 | 2200.00 | 768.90 | 776.09 | 0.0 | 3.87 | 1283.27 | 2078.11 | 1376.03 | 0.0 |
| 190535.000 | 100.00 | n.0 | 0.0 | 3700.00 | 768.90 | 778.20 | 0.0 | 2.53 | 1163.19 | 2167.97 | 3286.86 | 2.11 |
| 190535.000 | 100.00 | n.0 | 0.0 | 4600.00 | 768.90 | 779.22 | 0.0 | 2.29 | 1109.03 | 2203.86 | 4369.00 | 1.02 |
| 190535.000 | 100.00 | n.0 | 0.0 | 6900.00 | 768.90 | 781.42 | 0.0 | 2.06 | 1048.59 | 2241.01 | 6879.86 | 2.20 |
| 192125.000 | 1590.00 | n.0 | 0.0 | 2150.00 | 771.80 | 778.35 | 778.35 | 8.40 | 1063.04 | 1443.60 | 442.89 | 0.0 |
| 192125.000 | 1590.00 | n.0 | 0.0 | 3400.00 | 771.80 | 779.01 | 779.01 | 9.50 | 1050.49 | 1515.05 | 715.53 | 0.66 |
| 192125.000 | 1590.00 | n.0 | 0.0 | 4150.00 | 771.80 | 779.40 | 779.40 | 9.54 | 1044.67 | 1542.56 | 901.13 | 0.39 |
| 192125.000 | 1590.00 | n.0 | 0.0 | 6500.00 | 771.80 | 781.50 | 0.0 | 6.38 | 1037.49 | 1662.08 | 2096.56 | 2.10 |
| 194225.000 | 2100.00 | n.0 | 0.0 | 2020.00 | 778.50 | 785.37 | 785.34 | 8.20 | 1116.46 | 1559.34 | 506.34 | 0.0 |
| 194225.000 | 2100.00 | n.0 | 0.0 | 3290.00 | 778.50 | 786.15 | 0.0 | 8.40 | 1090.77 | 1564.43 | 861.48 | 0.78 |
| 194225.000 | 2100.00 | n.0 | 0.0 | 4090.00 | 778.50 | 786.43 | 0.0 | 9.01 | 1083.50 | 1566.23 | 993.67 | 0.28 |
| 194225.000 | 2100.00 | n.0 | 0.0 | 6400.00 | 778.50 | 786.79 | 786.79 | 11.83 | 1073.98 | 1568.59 | 1170.54 | 0.36 |
| 195950.000 | 1725.00 | n.0 | 0.0 | 1925.00 | 779.90 | 788.79 | 0.0 | 4.51 | 1052.98 | 1169.03 | 440.83 | 0.0 |
| 195950.000 | 1725.00 | n.0 | 0.0 | 3200.00 | 779.90 | 789.69 | 0.0 | 6.15 | 1049.36 | 1172.63 | 547.98 | 0.90 |
| 195950.000 | 1725.00 | n.0 | 0.0 | 3990.00 | 779.90 | 790.23 | 0.0 | 6.91 | 1047.13 | 1174.80 | 615.63 | 0.54 |
| 195950.000 | 1725.00 | n.0 | 0.0 | 6000.00 | 779.90 | 791.65 | 0.0 | 8.17 | 1041.43 | 1180.51 | 805.24 | 1.42 |
| 196790.000 | 840.00 | n.0 | 0.0 | 1925.00 | 779.90 | 789.43 | 0.0 | 5.34 | 1061.53 | 1160.04 | 460.97 | 0.0 |
| 196790.000 | 840.00 | n.0 | 0.0 | 3200.00 | 779.90 | 790.65 | 0.0 | 7.28 | 1054.23 | 1166.08 | 589.26 | 1.22 |
| 196790.000 | 840.00 | n.0 | 0.0 | 3990.00 | 779.90 | 791.32 | 0.0 | 8.20 | 1050.29 | 1169.41 | 667.04 | 0.67 |
| 196790.000 | 840.00 | n.0 | 0.0 | 6000.00 | 779.90 | 792.86 | 0.0 | 9.96 | 1041.15 | 1177.04 | 863.47 | 1.54 |
| 196815.000 | 25.00 | n.0 | 0.0 | 1925.00 | 781.70 | 789.32 | 0.0 | 6.13 | 1290.27 | 1349.77 | 313.93 | 0.0 |
| 196815.000 | 25.00 | n.0 | 0.0 | 3200.00 | 781.70 | 790.42 | 0.0 | 8.29 | 1281.41 | 1352.60 | 386.10 | 1.11 |
| 196815.000 | 25.00 | n.0 | 0.0 | 3990.00 | 781.70 | 791.04 | 0.0 | 9.23 | 1276.47 | 1355.59 | 432.52 | 0.62 |
| 196815.000 | 25.00 | n.0 | 0.0 | 6000.00 | 781.70 | 792.52 | 0.0 | 10.63 | 1264.59 | 1362.77 | 564.18 | 1.48 |

| SECNO | XLCH | ELTRD | ELLC | Q | ELMIN | CWSEL | CRWS | VCH | SSTA | ENDST | AREA | DIFWSP |
|-------------------|---------|--------|--------|---------|--------|--------------------------|--------|-------|---------|---------|---------|--------|
| 196833.000 | 18.00 | 800.40 | 799.00 | 1925.00 | 781.70 | 789.37 | 0.0 | 6.07 | 1289.81 | 1349.90 | 317.34 | 0.0 |
| 196833.000 | 18.00 | 800.40 | 799.00 | 3200.00 | 781.70 | 790.57 | 0.0 | 8.07 | 1280.26 | 1353.29 | 396.45 | 1.19 |
| 196833.000 | 18.00 | 800.40 | 799.00 | 3990.00 | 781.70 | 791.24 | 0.0 | 8.90 | 1274.99 | 1356.54 | 448.37 | 0.67 |
| 196833.000 | 18.00 | 800.40 | 799.00 | 6000.00 | 781.70 | 792.81 | 0.0 | 10.12 | 1261.85 | 1364.17 | 593.11 | 1.58 |
| 196792 | | | | | | | | | | | | |
| * 196858.000 | 25.00 | 0.0 | 0.0 | 1925.00 | 783.50 | 789.05 789.05 | 0.0 | 11.72 | 1090.70 | 1136.21 | 166.50 | 0.0 |
| BP 196858.000 | 25.00 | 0.0 | 0.0 | 3200.00 | 783.50 | 791.10 | 791.10 | 12.68 | 1074.02 | 1150.52 | 291.90 | 2.05 |
| B0 196858.000 | 25.00 | 0.0 | 0.0 | 3990.00 | 783.50 | 792.09 | 792.09 | 13.09 | 1067.07 | 1155.41 | 373.64 | 0.99 |
| * 196858.000 | 25.00 | 0.0 | 0.0 | 6000.00 | 783.50 | 793.80 | 793.80 | 14.64 | 1056.93 | 1163.88 | 540.61 | 1.71 |
| 198550 | | | | | | | | | | | | |
| 198675.000 | 1817.00 | 0.0 | 0.0 | 1900.00 | 786.40 | 795.97 | 0.0 | 7.19 | 1212.67 | 1299.31 | 307.95 | 0.0 |
| 198675.000 | 1817.00 | 0.0 | 0.0 | 3180.00 | 786.40 | 797.83 | 0.0 | 8.69 | 1198.09 | 1319.64 | 500.47 | 1.86 |
| BQ 198675.000 | 1817.00 | 0.0 | 0.0 | 3820.00 | 786.40 | 798.61 | 0.0 | 9.08 | 1186.20 | 1328.07 | 603.77 | 0.78 |
| BP 198675.000 | 1817.00 | 0.0 | 0.0 | 5900.00 | 786.40 | 800.54 | 0.0 | 10.09 | 1157.08 | 1348.74 | 924.33 | 1.93 |
| 100200 | | | | | | | | | | | | |
| 200375.000 | 1700.00 | 0.0 | 0.0 | 1900.00 | 791.20 | 799.16 | 797.07 | 7.69 | 1170.64 | 1370.59 | 326.10 | 0.0 |
| 200375.000 | 1700.00 | 0.0 | 0.0 | 3180.00 | 791.20 | 801.06 | 0.0 | 6.99 | 1152.39 | 1425.29 | 771.59 | 1.90 |
| BR 200375.000 | 1700.00 | 0.0 | 0.0 | 3820.00 | 791.20 | 801.73 | 0.0 | 6.91 | 1145.88 | 1436.25 | 961.90 | 0.68 |
| BR 200375.000 | 1700.00 | 0.0 | 0.0 | 5900.00 | 791.20 | 803.50 | 0.0 | 6.94 | 1128.90 | 1461.69 | 1513.83 | 1.76 |

SUMMARY OF ERRORS

CAUTION SECNO=***** PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO=***** PROFILE= 2 MINIMUM SPECIFIC ENERGY

CAUTION SECNO=***** PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO=***** PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=***** PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO=***** PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO=***** PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=***** PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO=***** PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO=***** PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=***** PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO=***** PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO=***** PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=***** PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

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

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

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

FLOOD INSURANCE ZONE DATA FOR 10 YEAR FLOOD WATER SURF

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

| SECTION NUMBER | CUMULATIVE DISTANCE | ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND | | |
|----------------|---------------------|---|------|------|
| | | 10C | 2C | 0.2C |
| 62400.000 | 0. | -3.3 | -1.0 | 2.2 |
| 65150.000 | 2750. | -3.2 | -1.0 | 2.2 |
| 67800.000 | 5400. | -3.1 | -1.0 | 2.2 |
| 72450.000 | 10050. | -3.4 | -1.0 | 2.3 |
| 75500.000 | 13100. | -3.2 | -1.0 | 2.2 |
| 78650.000 | 16250. | -2.9 | -0.8 | 1.9 |
| 80950.000 | 18550. | -3.3 | -1.0 | 2.2 |
| 82085.000 | 19685. | -3.7 | -1.0 | 2.2 |
| 82185.000 | 19785. | -3.6 | -1.0 | 2.0 |
| 82215.000 | 19815. | -3.6 | -1.0 | 2.1 |
| 82315.000 | 19915. | -3.7 | -1.0 | 2.3 |
| 84350.000 | 21950. | -3.7 | -1.1 | 2.4 |
| 85640.000 | 23240. | -3.6 | -1.1 | 2.4 |
| 85740.000 | 23340. | -3.3 | -1.0 | 2.1 |
| 85763.000 | 23363. | -3.4 | -1.0 | 2.2 |
| 85863.000 | 23463. | -3.8 | -1.1 | 2.6 |
| 88200.000 | 25800. | -3.5 | -1.1 | 2.5 |
| 90350.000 | 27950. | -3.2 | -1.0 | 2.3 |
| 93100.000 | 30700. | -3.8 | -1.1 | 2.4 |
| 94410.000 | 32010. | -3.5 | -1.0 | 2.2 |
| 94510.000 | 32110. | -3.9 | -1.2 | 2.6 |
| 94543.000 | 32143. | -3.9 | -1.2 | 2.6 |
| 94643.000 | 32243. | -3.8 | -1.1 | 2.4 |
| 97950.000 | 35550. | -4.4 | -1.3 | 3.0 |
| 101600.000 | 39200. | -4.1 | -1.3 | 2.9 |
| 106200.000 | 43800. | -4.2 | -1.3 | 3.1 |
| 110150.000 | 47750. | -4.3 | -1.3 | 3.1 |
| 110690.000 | 48290. | -4.3 | -1.3 | 3.1 |
| 110890.000 | 48490. | -4.1 | -1.3 | 3.1 |
| 110908.000 | 48508. | -4.1 | -1.3 | 3.1 |
| 111108.000 | 48708. | -4.2 | -1.3 | 3.1 |
| 113300.000 | 50900. | -3.7 | -1.2 | 2.9 |
| 115735.000 | 53335. | -3.4 | -1.2 | 2.7 |
| 115835.000 | 53435. | -3.0 | -1.1 | 2.9 |
| 115869.000 | 53469. | -3.0 | -1.1 | 2.6 |
| 115884.000 | 53484. | -3.0 | -1.0 | 2.5 |
| 115899.000 | 53499. | -2.9 | -1.0 | 2.5 |
| 115933.000 | 53533. | -3.1 | -1.1 | 2.5 |
| 116033.000 | 53633. | -3.5 | -1.2 | 2.6 |
| 119275.000 | 56875. | -2.7 | -1.0 | 2.1 |
| 122075.000 | 59675. | -2.2 | -0.8 | 1.7 |
| 123725.000 | 61525. | -2.2 | -0.8 | 1.4 |
| 123983.000 | 61583. | -2.8 | -1.0 | 1.7 |
| 124233.000 | 61833. | -2.9 | -1.0 | 1.7 |
| 124267.000 | 61867. | -2.3 | -0.8 | 1.6 |
| 124317.000 | 61917. | -2.3 | -0.8 | 1.6 |
| 131190.000 | 68790. | -2.3 | -0.8 | 1.6 |
| 131290.000 | 68890. | -2.3 | -0.8 | 1.6 |
| 131311.000 | 68911. | -2.3 | -0.8 | 1.6 |
| 131411.000 | 69011. | -2.3 | -0.8 | 1.6 |

| | | | | |
|------------|---------|------|------|-----|
| 143160.000 | 80760. | -2.9 | -1.0 | 2.0 |
| 143260.000 | 80860. | -1.6 | -0.5 | 1.2 |
| 143282.000 | 80882. | -1.7 | -0.6 | 2.4 |
| 143382.000 | 80982. | -2.2 | -0.8 | 2.3 |
| 147275.000 | 84875. | -0.5 | -0.2 | 1.0 |
| 152275.000 | 89875. | -1.7 | -0.6 | 0.7 |
| 156790.000 | 94390. | -1.4 | -0.5 | 1.3 |
| 156890.000 | 94490. | -1.2 | -0.4 | 1.1 |
| 156910.000 | 94510. | -1.3 | -0.5 | 1.2 |
| 157010.000 | 94610. | -0.6 | -0.2 | 0.5 |
| 160625.000 | 98225. | -1.6 | -0.5 | 1.1 |
| 164575.000 | 102175. | -0.9 | -0.4 | 0.9 |
| 164675.000 | 102275. | -0.7 | -0.2 | 0.6 |
| 164693.000 | 102293. | -4.7 | -4.2 | 0.9 |
| 164793.000 | 102393. | -5.0 | -4.3 | 0.9 |
| 166275.000 | 103875. | -1.9 | -1.2 | 1.0 |
| 167525.000 | 105125. | -0.8 | -0.3 | 0.7 |
| 167625.000 | 105225. | -0.3 | -0.1 | 1.6 |
| 167648.000 | 105248. | -1.1 | -0.6 | 1.8 |
| 167748.000 | 105348. | -0.9 | -0.4 | 2.4 |
| 170400.000 | 108000. | -1.6 | -0.5 | 0.7 |
| 172400.000 | 110000. | -1.5 | -0.5 | 1.0 |
| 172700.000 | 110300. | -1.3 | -0.5 | 1.0 |
| 172720.000 | 110320. | -3.0 | -2.1 | 2.1 |
| 173020.000 | 110620. | -2.7 | -1.7 | 2.0 |
| 175100.000 | 112700. | -0.6 | -0.2 | 0.4 |
| 179375.000 | 116975. | -1.2 | -0.4 | 0.9 |
| 179475.000 | 117075. | -1.1 | -0.4 | 0.9 |
| 179484.000 | 117084. | -1.3 | -0.4 | 1.0 |
| 179584.000 | 117184. | -0.8 | -0.3 | 0.5 |
| 179825.000 | 117425. | -1.0 | -0.3 | 0.7 |
| 179925.000 | 117525. | -1.0 | -0.3 | 0.7 |
| 179933.000 | 117533. | -1.3 | -0.3 | 0.8 |
| 180033.000 | 117633. | -1.4 | -0.4 | 0.8 |
| 180900.000 | 118500. | -1.6 | -0.5 | 1.1 |
| 180950.000 | 118550. | -1.5 | -0.5 | 1.1 |
| 180958.000 | 118558. | -1.6 | -0.5 | 1.3 |
| 181008.000 | 118608. | -1.6 | -0.5 | 1.3 |
| 181150.000 | 118750. | -1.3 | -0.4 | 0.5 |
| 181200.000 | 118800. | -1.2 | -0.3 | 0.7 |
| 181220.000 | 118820. | -1.2 | -0.4 | 0.7 |
| 181420.000 | 119020. | -1.3 | -0.4 | 0.6 |
| 182625.000 | 120225. | -1.4 | -0.4 | 0.9 |
| 182725.000 | 120325. | -1.7 | -0.5 | 1.0 |
| 182733.000 | 120333. | -2.1 | -0.5 | 1.0 |
| 182833.000 | 120433. | -2.0 | -0.5 | 1.0 |
| 184625.000 | 122225. | -1.6 | -0.6 | 1.2 |
| 184725.000 | 122325. | -1.6 | -0.5 | 1.2 |
| 184733.000 | 122333. | -1.6 | -0.5 | 1.2 |
| 184813.000 | 122413. | -1.3 | -0.6 | 1.2 |
| 184885.000 | 122485. | -2.2 | -0.7 | 1.1 |
| 184985.000 | 122585. | -2.3 | -0.8 | 1.1 |
| 185011.000 | 122611. | -2.4 | -0.9 | 1.5 |
| 185211.000 | 122811. | -2.0 | -0.6 | 1.3 |
| 186250.000 | 123850. | -1.7 | -0.5 | 1.1 |
| 186350.000 | 123950. | -1.7 | -0.5 | 1.1 |
| 186358.000 | 123958. | -1.7 | -0.5 | 1.4 |
| 186458.000 | 124058. | -1.7 | -0.5 | 1.3 |
| 187925.000 | 125525. | -1.2 | -0.4 | 0.9 |
| 190310.000 | 127910. | -0.7 | -0.2 | 0.5 |
| 190410.000 | 128010. | -2.2 | -0.8 | 1.7 |
| 190435.000 | 128035. | -2.4 | -0.8 | 1.8 |
| 190535.000 | 128135. | -3.1 | -1.0 | 2.2 |
| 192125.000 | 129125. | -1.0 | -0.4 | 2.1 |
| 194225.000 | 131825. | -1.1 | -0.3 | 0.4 |
| 195950.000 | 133550. | -1.4 | -0.5 | 1.4 |

| | | | | |
|-------------------------|---------|------|------|-----|
| 196790.000 | 134390. | -1.9 | -0.7 | 1.5 |
| 196815.000 | 134415. | -1.7 | -0.6 | 1.5 |
| 196833.000 | 134433. | -1.9 | -0.7 | 1.6 |
| 196858.000 | 134458. | -3.0 | -1.0 | 1.7 |
| 198675.000 | 136275. | -2.6 | -0.8 | 1.9 |
| 200375.000 | 137975. | -2.6 | -0.7 | 1.8 |
| ----- | | | | |
| WEIGHTED AVG. FOR REACH | -2.5 | -0.8 | 1.8 | |

FHF FOR THE REACH = 025 WITH 52.7% OF THE REACH WITHIN 1.0 FEET
 ZONE FOR THE REACH = A 5

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

| INC. NO. | TOTAL LENGTH | AVG ELEVATION 10C | DATA 1C | DATA DIFF. | WTD. AVG. | FHF | PERCENT WITHIN |
|----------------|--------------|-------------------|---------|------------|-----------|-----|----------------|
| SEC. 62400.000 | | | | | | | |
| 1 | 226. | 626.5 | 629.8 | -3.3 | -3.3 | 035 | 100. |
| 2 | 452. | 626.6 | 629.9 | -3.3 | -3.3 | 035 | 100. |
| 3 | 678. | 626.7 | 629.9 | -3.3 | -3.3 | 035 | 100. |
| 4 | 904. | 626.8 | 630.0 | -3.3 | -3.3 | 035 | 100. |
| 5 | 1130. | 626.9 | 630.1 | -3.3 | -3.3 | 035 | 100. |
| 6 | 1356. | 627.0 | 630.2 | -3.3 | -3.3 | 035 | 100. |
| 7 | 1582. | 627.1 | 630.3 | -3.3 | -3.3 | 035 | 100. |
| 8 | 1808. | 627.2 | 630.4 | -3.3 | -3.3 | 035 | 100. |
| 9 | 2034. | 627.2 | 630.5 | -3.3 | -3.3 | 035 | 100. |
| 10 | 2260. | 627.3 | 630.6 | -3.3 | -3.3 | 035 | 100. |
| 11 | 2486. | 627.4 | 630.7 | -3.2 | -3.3 | 035 | 100. |
| 12 | 2712. | 627.5 | 630.8 | -3.2 | -3.3 | 035 | 100. |
| SEC. 65150.000 | | | | | | | |
| 13 | 2750. | 627.6 | 630.9 | -3.2 | -3.3 | 035 | 100. |
| 14 | 2938. | 627.7 | 630.9 | -3.2 | -3.3 | 035 | 100. |
| 15 | 3164. | 627.7 | 631.0 | -3.2 | -3.3 | 035 | 100. |
| 16 | 3390. | 627.8 | 631.0 | -3.2 | -3.3 | 035 | 100. |
| 17 | 3616. | 627.9 | 631.1 | -3.2 | -3.2 | 030 | 100. |
| 18 | 3842. | 627.9 | 631.1 | -3.2 | -3.2 | 030 | 100. |
| 19 | 4068. | 628.0 | 631.2 | -3.2 | -3.2 | 030 | 100. |
| 20 | 4294. | 628.1 | 631.2 | -3.2 | -3.2 | 030 | 100. |
| 21 | 4520. | 628.1 | 631.3 | -3.2 | -3.2 | 030 | 100. |
| 22 | 4746. | 628.2 | 631.3 | -3.1 | -3.2 | 030 | 100. |
| 23 | 4972. | 628.3 | 631.4 | -3.1 | -3.2 | 030 | 100. |
| SEC. 67800.000 | | | | | | | |
| 24 | 5198. | 628.3 | 631.5 | -3.1 | -3.2 | 030 | 100. |
| 25 | 5424. | 628.4 | 631.6 | -3.1 | -3.2 | 030 | 100. |
| 26 | 5650. | 628.4 | 631.7 | -3.1 | -3.2 | 030 | 100. |
| 27 | 5876. | 628.6 | 631.7 | -3.1 | -3.2 | 030 | 100. |
| 28 | 6102. | 628.7 | 631.8 | -3.2 | -3.2 | 030 | 100. |
| 29 | 6328. | 628.8 | 632.0 | -3.2 | -3.2 | 030 | 100. |
| 30 | 6554. | 628.9 | 632.1 | -3.2 | -3.2 | 030 | 100. |
| 31 | 6780. | 629.0 | 632.2 | -3.2 | -3.2 | 030 | 100. |
| 32 | 7006. | 629.2 | 632.4 | -3.2 | -3.2 | 030 | 100. |
| 33 | 7232. | 629.3 | 632.5 | -3.2 | -3.2 | 030 | 100. |
| 34 | 7458. | 629.4 | 632.6 | -3.2 | -3.2 | 030 | 100. |
| 35 | 7684. | 629.5 | 632.8 | -3.3 | -3.2 | 030 | 100. |
| 36 | 7910. | 629.6 | 632.9 | -3.3 | -3.2 | 030 | 100. |
| 37 | 8136. | 629.8 | 633.0 | -3.3 | -3.2 | 030 | 100. |
| 38 | 8362. | 629.9 | 633.2 | -3.3 | -3.2 | 030 | 100. |
| 39 | 8588. | 630.0 | 633.3 | -3.3 | -3.2 | 030 | 100. |
| 40 | 8814. | 630.1 | 633.4 | -3.3 | -3.2 | 030 | 100. |

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|----|--------|-------|-------|------|------|----------------|------|
| 41 | 9266. | 630.4 | 633.7 | -3.4 | -3.2 | 030 | 100. |
| 42 | 9492. | 630.5 | 633.8 | -3.4 | -3.2 | 030 | 100. |
| 43 | 9718. | 630.6 | 634.0 | -3.4 | -3.2 | 030 | 100. |
| 44 | 9944. | 630.7 | 634.1 | -3.4 | -3.2 | 030 | 100. |
| | 10050. | | | | | SEC. 72450.000 | |
| 45 | 10170. | 630.8 | 634.2 | -3.4 | -3.2 | 030 | 100. |
| 46 | 10396. | 630.9 | 634.3 | -3.4 | -3.2 | 030 | 100. |
| 47 | 10622. | 631.0 | 634.4 | -3.4 | -3.2 | 030 | 100. |
| 48 | 10848. | 631.1 | 634.5 | -3.4 | -3.3 | 035 | 100. |
| 49 | 11074. | 631.2 | 634.6 | -3.3 | -3.3 | 035 | 100. |
| 50 | 11300. | 631.3 | 634.6 | -3.3 | -3.3 | 035 | 100. |
| 51 | 11526. | 631.4 | 634.7 | -3.3 | -3.3 | 035 | 100. |
| 52 | 11752. | 631.5 | 634.8 | -3.3 | -3.3 | 035 | 100. |
| 53 | 11978. | 631.6 | 634.9 | -3.3 | -3.3 | 035 | 100. |
| 54 | 12204. | 631.7 | 635.0 | -3.2 | -3.3 | 035 | 100. |
| 55 | 12430. | 631.8 | 635.0 | -3.2 | -3.3 | 035 | 100. |
| 56 | 12656. | 631.9 | 635.1 | -3.2 | -3.3 | 035 | 100. |
| 57 | 12882. | 632.0 | 635.2 | -3.2 | -3.3 | 035 | 100. |
| | 13100. | | | | | SEC. 75500.000 | |
| 58 | 13108. | 632.1 | 635.3 | -3.2 | -3.3 | 035 | 100. |
| 59 | 13334. | 632.2 | 635.3 | -3.1 | -3.2 | 030 | 100. |
| 60 | 13560. | 632.3 | 635.4 | -3.1 | -3.2 | 030 | 100. |
| 61 | 13786. | 632.4 | 635.5 | -3.1 | -3.2 | 030 | 100. |
| 62 | 14012. | 632.5 | 635.6 | -3.1 | -3.2 | 030 | 100. |
| 63 | 14238. | 632.6 | 635.7 | -3.1 | -3.2 | 030 | 100. |
| 64 | 14464. | 632.7 | 635.7 | -3.0 | -3.2 | 030 | 100. |
| 65 | 14690. | 632.8 | 635.8 | -3.0 | -3.2 | 030 | 100. |
| 66 | 14916. | 632.9 | 635.9 | -3.0 | -3.2 | 030 | 100. |
| 67 | 15142. | 633.0 | 636.0 | -3.0 | -3.2 | 030 | 100. |
| 68 | 15368. | 633.1 | 636.0 | -2.9 | -3.2 | 030 | 100. |
| 69 | 15594. | 633.2 | 636.1 | -2.9 | -3.2 | 030 | 100. |
| 70 | 15820. | 633.3 | 636.2 | -2.9 | -3.2 | 030 | 100. |
| 71 | 16046. | 633.4 | 636.3 | -2.9 | -3.2 | 030 | 100. |
| | 16250. | | | | | SEC. 78650.000 | |
| 72 | 16272. | 633.5 | 636.3 | -2.9 | -3.2 | 030 | 100. |
| 73 | 16498. | 633.6 | 636.5 | -2.9 | -3.2 | 030 | 100. |
| 74 | 16724. | 633.7 | 636.7 | -2.9 | -3.2 | 030 | 100. |
| 75 | 16950. | 633.9 | 636.9 | -3.0 | -3.2 | 030 | 100. |
| 76 | 17176. | 634.0 | 637.0 | -3.0 | -3.2 | 030 | 100. |
| 77 | 17402. | 634.2 | 637.2 | -3.1 | -3.2 | 030 | 100. |
| 78 | 17628. | 634.3 | 637.4 | -3.1 | -3.2 | 030 | 100. |
| 79 | 17854. | 634.5 | 637.6 | -3.2 | -3.2 | 030 | 100. |
| 80 | 18080. | 634.6 | 637.8 | -3.2 | -3.2 | 030 | 100. |
| 81 | 18306. | 634.8 | 638.0 | -3.2 | -3.2 | 030 | 100. |
| 82 | 18532. | 634.9 | 638.2 | -3.3 | -3.2 | 030 | 100. |
| | 18550. | | | | | SEC. 80950.000 | |
| 83 | 18758. | 635.1 | 638.4 | -3.3 | -3.2 | 030 | 100. |
| 84 | 18984. | 635.3 | 638.7 | -3.4 | -3.2 | 030 | 100. |
| 85 | 19210. | 635.5 | 639.0 | -3.5 | -3.2 | 030 | 100. |
| 86 | 19436. | 635.8 | 639.3 | -3.6 | -3.2 | 030 | 100. |
| 87 | 19662. | 636.0 | 639.6 | -3.6 | -3.2 | 030 | 100. |
| | 19685. | | | | | SEC. 82085.000 | |
| | 19785. | | | | | SEC. 82185.000 | |
| | 19815. | | | | | SEC. 82215.000 | |
| 88 | 19880. | 636.6 | 640.3 | -3.7 | -3.2 | 030 | 100. |
| | 19915. | | | | | SEC. 82315.000 | |
| 89 | 20114. | 636.7 | 640.4 | -3.7 | -3.2 | 030 | 100. |
| 90 | 20340. | 636.8 | 640.5 | -3.7 | -3.2 | 030 | 100. |
| 91 | 20566. | 637.0 | 640.7 | -3.7 | -3.2 | 030 | 100. |
| 92 | 20792. | 637.2 | 640.9 | -3.7 | -3.2 | 030 | 100. |
| 93 | 21018. | 637.4 | 641.1 | -3.7 | -3.2 | 030 | 100. |
| 94 | 21244. | 637.6 | 641.3 | -3.7 | -3.2 | 030 | 100. |
| 95 | 21470. | 637.7 | 641.5 | -3.7 | -3.2 | 030 | 100. |
| 96 | 21696. | 637.9 | 641.7 | -3.7 | -3.3 | 035 | 100. |
| 97 | 21922. | 638.1 | 641.8 | -3.7 | -3.3 | 035 | 100. |

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|-----|--------|-------|-------|------|------|----------------|------|
| 98 | 22148. | 638.2 | 642.0 | -3.7 | -3.3 | 035 | 100. |
| 99 | 22374. | 638.3 | 642.0 | -3.7 | -3.3 | 035 | 100. |
| 100 | 22600. | 638.4 | 642.1 | -3.7 | -3.3 | 035 | 100. |
| 101 | 22826. | 638.5 | 642.2 | -3.6 | -3.3 | 035 | 100. |
| 102 | 23052. | 638.6 | 642.2 | -3.6 | -3.3 | 035 | 100. |
| | 23240. | | | | | SEC. 85640.000 | |
| 103 | 23278. | 638.7 | 642.2 | -3.5 | -3.3 | 035 | 100. |
| | 23340. | | | | | SEC. 85740.000 | |
| | 23363. | | | | | SEC. 85763.000 | |
| | 23463. | | | | | SEC. 85863.000 | |
| 104 | 23504. | 638.8 | 642.6 | -3.8 | -3.3 | 035 | 100. |
| 105 | 23730. | 638.8 | 642.6 | -3.8 | -3.3 | 035 | 100. |
| 106 | 23956. | 638.9 | 642.7 | -3.8 | -3.3 | 035 | 100. |
| 107 | 24182. | 639.0 | 642.7 | -3.7 | -3.3 | 035 | 100. |
| 108 | 24408. | 639.1 | 642.8 | -3.7 | -3.3 | 035 | 100. |
| 109 | 24634. | 639.2 | 642.9 | -3.7 | -3.3 | 035 | 100. |
| 110 | 24860. | 639.3 | 642.9 | -3.7 | -3.3 | 035 | 100. |
| 111 | 25086. | 639.3 | 643.0 | -3.6 | -3.3 | 035 | 100. |
| 112 | 25312. | 639.4 | 643.0 | -3.6 | -3.3 | 035 | 100. |
| 113 | 25538. | 639.5 | 643.1 | -3.6 | -3.3 | 035 | 100. |
| 114 | 25764. | 639.6 | 643.1 | -3.5 | -3.3 | 035 | 100. |
| | 25800. | | | | | SEC. 88200.000 | |
| 115 | 25990. | 639.7 | 643.2 | -3.5 | -3.3 | 035 | 100. |
| 116 | 26216. | 639.9 | 643.4 | -3.5 | -3.3 | 035 | 100. |
| 117 | 26442. | 640.1 | 643.5 | -3.4 | -3.3 | 035 | 100. |
| 118 | 26668. | 640.3 | 643.7 | -3.4 | -3.3 | 035 | 100. |
| 119 | 26894. | 640.5 | 643.8 | -3.4 | -3.3 | 035 | 100. |
| 120 | 27120. | 640.7 | 644.0 | -3.3 | -3.3 | 035 | 100. |
| 121 | 27346. | 640.9 | 644.2 | -3.3 | -3.3 | 035 | 100. |
| 122 | 27572. | 641.1 | 644.3 | -3.2 | -3.3 | 035 | 100. |
| 123 | 27798. | 641.3 | 644.5 | -3.2 | -3.3 | 035 | 100. |
| | 27950. | | | | | SEC. 90350.000 | |
| 124 | 28024. | 641.5 | 644.6 | -3.2 | -3.3 | 035 | 100. |
| 125 | 28250. | 641.7 | 644.9 | -3.2 | -3.3 | 035 | 100. |
| 126 | 28476. | 642.0 | 645.2 | -3.2 | -3.3 | 035 | 100. |
| 127 | 28702. | 642.3 | 645.6 | -3.3 | -3.3 | 035 | 100. |
| 128 | 28928. | 642.5 | 645.9 | -3.3 | -3.3 | 035 | 100. |
| 129 | 29154. | 642.8 | 646.2 | -3.4 | -3.3 | 035 | 100. |
| 130 | 29380. | 643.1 | 646.5 | -3.4 | -3.3 | 035 | 100. |
| 131 | 29606. | 643.3 | 646.8 | -3.5 | -3.3 | 035 | 100. |
| 132 | 29832. | 643.6 | 647.2 | -3.6 | -3.3 | 035 | 100. |
| 133 | 30058. | 643.9 | 647.5 | -3.6 | -3.3 | 035 | 100. |
| 134 | 30284. | 644.2 | 647.8 | -3.7 | -3.3 | 035 | 100. |
| 135 | 30510. | 644.4 | 648.1 | -3.7 | -3.3 | 035 | 100. |
| | 30700. | | | | | SEC. 93100.000 | |
| 136 | 30736. | 644.7 | 648.4 | -3.7 | -3.3 | 035 | 100. |
| 137 | 30962. | 644.8 | 648.6 | -3.7 | -3.3 | 035 | 100. |
| 138 | 31188. | 644.9 | 648.6 | -3.7 | -3.3 | 035 | 100. |
| 139 | 31414. | 645.0 | 648.6 | -3.7 | -3.3 | 035 | 100. |
| 140 | 31640. | 645.0 | 648.6 | -3.6 | -3.3 | 035 | 100. |
| 141 | 31866. | 645.1 | 648.7 | -3.6 | -3.3 | 035 | 100. |
| | 32010. | | | | | SEC. 94410.000 | |
| 142 | 32092. | 645.2 | 648.9 | -3.7 | -3.3 | 035 | 100. |
| | 32110. | | | | | SEC. 94510.000 | |
| | 32143. | | | | | SEC. 94543.000 | |
| | 32243. | | | | | SEC. 94643.000 | |
| 143 | 32318. | 645.3 | 649.1 | -3.8 | -3.4 | 035 | 100. |
| 144 | 32544. | 645.4 | 649.2 | -3.8 | -3.4 | 035 | 100. |
| 145 | 32770. | 645.5 | 649.3 | -3.8 | -3.4 | 035 | 100. |
| 146 | 32996. | 645.6 | 649.5 | -3.9 | -3.4 | 035 | 100. |
| 147 | 33222. | 645.7 | 649.6 | -3.9 | -3.4 | 035 | 100. |
| 148 | 33448. | 645.8 | 649.7 | -4.0 | -3.4 | 035 | 100. |
| 149 | 33674. | 645.9 | 649.9 | -4.0 | -3.4 | 035 | 100. |
| 150 | 33900. | 646.0 | 650.0 | -4.0 | -3.4 | 035 | 100. |
| 151 | 34126. | 646.1 | 650.1 | -4.1 | -3.4 | 035 | 100. |
| 152 | 34352. | 646.2 | 650.2 | -4.1 | -3.4 | 035 | 100. |

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|-----|--------|-------|-------|------|------|-----|------|
| 153 | 34578. | 646.3 | 650.4 | -4.2 | -3.4 | 035 | 100. |
| 154 | 34804. | 646.3 | 650.5 | -4.2 | -3.4 | 035 | 100. |
| 155 | 35030. | 646.4 | 650.7 | -4.2 | -3.4 | 035 | 100. |
| 156 | 35256. | 646.5 | 650.8 | -4.3 | -3.4 | 035 | 100. |
| 157 | 35482. | 646.6 | 651.0 | -4.3 | -3.4 | 035 | 100. |
| | 35550. | | | | | | |
| 158 | 35708. | 646.7 | 651.1 | -4.3 | -3.4 | 035 | 100. |
| 159 | 35934. | 646.8 | 651.1 | -4.3 | -3.4 | 035 | 100. |
| 160 | 36160. | 646.8 | 651.1 | -4.3 | -3.4 | 035 | 100. |
| 161 | 36386. | 646.9 | 651.2 | -4.3 | -3.4 | 035 | 100. |
| 162 | 36612. | 646.9 | 651.2 | -4.3 | -3.4 | 035 | 100. |
| 163 | 36838. | 647.0 | 651.3 | -4.3 | -3.4 | 035 | 100. |
| 164 | 37064. | 647.1 | 651.3 | -4.3 | -3.5 | 035 | 100. |
| 165 | 37290. | 647.1 | 651.3 | -4.2 | -3.5 | 035 | 100. |
| 166 | 37516. | 647.2 | 651.4 | -4.2 | -3.5 | 035 | 100. |
| 167 | 37742. | 647.2 | 651.4 | -4.2 | -3.5 | 035 | 100. |
| 168 | 37968. | 647.3 | 651.5 | -4.2 | -3.5 | 035 | 100. |
| 169 | 38194. | 647.3 | 651.5 | -4.2 | -3.5 | 035 | 100. |
| 170 | 38420. | 647.4 | 651.5 | -4.1 | -3.5 | 035 | 100. |
| 171 | 38646. | 647.5 | 651.6 | -4.1 | -3.5 | 035 | 100. |
| 172 | 38872. | 647.5 | 651.6 | -4.1 | -3.5 | 035 | 100. |
| 173 | 39098. | 647.6 | 651.7 | -4.1 | -3.5 | 035 | 100. |
| | 39200. | | | | | | |
| 174 | 39324. | 647.6 | 651.7 | -4.1 | -3.5 | 035 | 100. |
| 175 | 39550. | 647.7 | 651.8 | -4.1 | -3.5 | 035 | 100. |
| 176 | 39776. | 647.8 | 651.9 | -4.1 | -3.5 | 035 | 100. |
| 177 | 40002. | 647.8 | 651.9 | -4.1 | -3.5 | 035 | 100. |
| 178 | 40228. | 647.9 | 652.0 | -4.1 | -3.5 | 035 | 100. |
| 179 | 40454. | 648.0 | 652.1 | -4.1 | -3.5 | 035 | 100. |
| 180 | 40680. | 648.0 | 652.2 | -4.2 | -3.5 | 035 | 100. |
| 181 | 40906. | 648.1 | 652.3 | -4.2 | -3.5 | 035 | 100. |
| 182 | 41132. | 648.2 | 652.3 | -4.2 | -3.5 | 035 | 100. |
| 183 | 41358. | 648.2 | 652.4 | -4.2 | -3.5 | 035 | 100. |
| 184 | 41584. | 648.3 | 652.5 | -4.2 | -3.5 | 035 | 100. |
| 185 | 41810. | 648.4 | 652.6 | -4.2 | -3.5 | 035 | 100. |
| 186 | 42036. | 648.4 | 652.7 | -4.2 | -3.5 | 035 | 100. |
| 187 | 42262. | 648.5 | 652.7 | -4.2 | -3.5 | 035 | 100. |
| 188 | 42488. | 648.6 | 652.8 | -4.2 | -3.5 | 035 | 100. |
| 189 | 42714. | 648.6 | 652.9 | -4.3 | -3.5 | 035 | 100. |
| 190 | 42940. | 648.7 | 653.0 | -4.3 | -3.6 | 035 | 100. |
| 191 | 43166. | 648.8 | 653.1 | -4.3 | -3.6 | 035 | 100. |
| 192 | 43392. | 648.9 | 653.1 | -4.3 | -3.6 | 035 | 100. |
| 193 | 43618. | 648.9 | 653.2 | -4.3 | -3.6 | 035 | 100. |
| | 43800. | | | | | | |
| 194 | 43044. | 649.0 | 653.3 | -4.3 | -3.6 | 035 | 100. |
| 195 | 44070. | 649.0 | 653.3 | -4.3 | -3.6 | 035 | 100. |
| 196 | 44296. | 649.0 | 653.4 | -4.3 | -3.6 | 035 | 100. |
| 197 | 44522. | 649.1 | 653.4 | -4.3 | -3.6 | 035 | 100. |
| 198 | 44748. | 649.1 | 653.4 | -4.3 | -3.6 | 035 | 100. |
| 199 | 44974. | 649.1 | 653.4 | -4.3 | -3.6 | 035 | 100. |
| 200 | 45200. | 649.1 | 653.4 | -4.3 | -3.6 | 035 | 100. |
| 201 | 45426. | 649.2 | 653.4 | -4.3 | -3.6 | 035 | 100. |
| 202 | 45652. | 649.2 | 653.5 | -4.3 | -3.6 | 035 | 100. |
| 203 | 45878. | 649.2 | 653.5 | -4.3 | -3.6 | 035 | 100. |
| 204 | 46104. | 649.2 | 653.5 | -4.3 | -3.6 | 035 | 100. |
| 205 | 46330. | 649.3 | 653.5 | -4.3 | -3.6 | 035 | 100. |
| 206 | 46556. | 649.3 | 653.5 | -4.3 | -3.6 | 035 | 100. |
| 207 | 46782. | 649.3 | 653.6 | -4.3 | -3.6 | 035 | 100. |
| 208 | 47008. | 649.3 | 653.6 | -4.3 | -3.6 | 035 | 100. |
| 209 | 47234. | 649.3 | 653.6 | -4.3 | -3.6 | 035 | 100. |
| 210 | 47460. | 649.4 | 653.6 | -4.3 | -3.6 | 035 | 100. |
| 211 | 47686. | 649.4 | 653.6 | -4.3 | -3.6 | 035 | 100. |
| | 47750. | | | | | | |
| 212 | 47912. | 649.4 | 653.6 | -4.3 | -3.6 | 035 | 100. |
| 213 | 48138. | 649.3 | 653.6 | -4.3 | -3.6 | 035 | 100. |
| | 48290. | | | | | | |

SEC. 97950.000

SEC. 101600.000

SEC. 106200.000

SEC. 110150.000

SEC. 110690.000

| | | | | | | | |
|-----|--------|-------|-------|------|------|-----------------|------|
| 214 | 48364. | 649.3 | 653.6 | -4.3 | -3.6 | 035 | 100. |
| | 48490. | | | | | SEC. 110890.000 | |
| | 48508. | | | | | SEC. 110908.000 | |
| 215 | 48590. | 649.5 | 653.7 | -4.2 | -3.6 | 035 | 100. |
| | 48708. | | | | | SEC. 111108.000 | |
| 216 | 48816. | 649.5 | 653.7 | -4.2 | -3.6 | 035 | 100. |
| 217 | 49042. | 649.6 | 653.7 | -4.2 | -3.6 | 035 | 100. |
| 218 | 49268. | 649.7 | 653.8 | -4.1 | -3.6 | 035 | 100. |
| 219 | 49494. | 649.8 | 653.9 | -4.1 | -3.6 | 035 | 100. |
| 220 | 49720. | 649.9 | 654.0 | -4.0 | -3.6 | 035 | 100. |
| 221 | 49946. | 650.1 | 654.0 | -4.0 | -3.6 | 035 | 100. |
| 222 | 50172. | 650.2 | 654.1 | -3.9 | -3.6 | 035 | 100. |
| 223 | 50398. | 650.3 | 654.2 | -3.9 | -3.6 | 035 | 100. |
| 224 | 50624. | 650.4 | 654.2 | -3.8 | -3.6 | 035 | 100. |
| 225 | 50850. | 650.6 | 654.3 | -3.8 | -3.7 | 035 | 100. |
| | 50900. | | | | | SEC. 113300.000 | |
| 226 | 51076. | 650.7 | 654.4 | -3.7 | -3.7 | 035 | 100. |
| 227 | 51302. | 650.8 | 654.5 | -3.7 | -3.7 | 035 | 100. |
| 228 | 51528. | 650.9 | 654.5 | -3.6 | -3.7 | 035 | 100. |
| 229 | 51754. | 651.0 | 654.6 | -3.6 | -3.7 | 035 | 100. |
| 230 | 51980. | 651.1 | 654.6 | -3.6 | -3.7 | 035 | 100. |
| 231 | 52206. | 651.2 | 654.7 | -3.5 | -3.6 | 035 | 100. |
| 232 | 52432. | 651.3 | 654.8 | -3.5 | -3.6 | 035 | 100. |
| 233 | 52658. | 651.4 | 654.8 | -3.5 | -3.6 | 035 | 100. |
| 234 | 52884. | 651.5 | 654.9 | -3.4 | -3.6 | 035 | 100. |
| 235 | 53110. | 651.6 | 655.0 | -3.4 | -3.6 | 035 | 100. |
| | 53335. | | | | | SEC. 115735.000 | |
| 236 | 53336. | 651.7 | 655.0 | -3.4 | -3.6 | 035 | 100. |
| | 53435. | | | | | SEC. 115835.000 | |
| | 53469. | | | | | SEC. 115869.000 | |
| | 53484. | | | | | SEC. 115884.000 | |
| | 53499. | | | | | SEC. 115899.000 | |
| | 53533. | | | | | SEC. 115933.000 | |
| 237 | 53562. | 652.2 | 655.3 | -3.1 | -3.6 | 035 | 100. |
| | 53633. | | | | | SEC. 116033.000 | |
| 238 | 53788. | 652.3 | 656.2 | -3.3 | -3.6 | 035 | 100. |
| 239 | 54014. | 653.4 | 656.4 | -3.4 | -3.6 | 035 | 100. |
| 240 | 54240. | 653.5 | 657.0 | -3.4 | -3.6 | 035 | 100. |
| 241 | 54466. | 653.8 | 657.1 | -3.3 | -3.6 | 035 | 100. |
| 242 | 54692. | 654.0 | 657.3 | -3.3 | -3.6 | 035 | 100. |
| 243 | 54918. | 654.2 | 657.4 | -3.2 | -3.6 | 035 | 100. |
| 244 | 55144. | 654.4 | 657.6 | -3.2 | -3.6 | 035 | 100. |
| 245 | 55370. | 654.6 | 657.7 | -3.1 | -3.6 | 035 | 100. |
| 246 | 55596. | 654.8 | 657.8 | -3.1 | -3.6 | 035 | 100. |
| 247 | 55822. | 655.0 | 658.0 | -3.0 | -3.6 | 035 | 100. |
| 248 | 56048. | 655.2 | 658.1 | -2.9 | -3.6 | 035 | 100. |
| 249 | 56274. | 655.4 | 658.3 | -2.9 | -3.6 | 035 | 100. |
| 250 | 56500. | 655.6 | 658.4 | -2.8 | -3.6 | 035 | 100. |
| 251 | 56726. | 655.8 | 658.6 | -2.8 | -3.6 | 035 | 100. |
| | 56875. | | | | | SEC. 119275.000 | |
| 252 | 56952. | 656.0 | 658.7 | -2.7 | -3.6 | 035 | 100. |
| 253 | 57178. | 656.2 | 658.9 | -2.7 | -3.6 | 035 | 100. |
| 254 | 57404. | 656.5 | 659.1 | -2.7 | -3.6 | 035 | 100. |
| 255 | 57630. | 656.7 | 659.3 | -2.6 | -3.6 | 035 | 100. |
| 256 | 57856. | 656.9 | 659.5 | -2.6 | -3.6 | 035 | 100. |
| 257 | 58082. | 657.2 | 659.7 | -2.6 | -3.6 | 035 | 100. |
| 258 | 58308. | 657.4 | 660.0 | -2.5 | -3.6 | 035 | 99. |
| 259 | 58534. | 657.7 | 660.2 | -2.5 | -3.6 | 035 | 99. |
| 260 | 58760. | 657.9 | 660.4 | -2.5 | -3.6 | 035 | 98. |
| 261 | 58986. | 658.1 | 660.6 | -2.4 | -3.6 | 035 | 98. |
| 262 | 59212. | 658.4 | 660.8 | -2.4 | -3.6 | 035 | 98. |
| 263 | 59438. | 658.6 | 661.0 | -2.4 | -3.6 | 035 | 98. |
| 264 | 59664. | 658.9 | 661.2 | -2.4 | -3.6 | 035 | 97. |
| | 59675. | | | | | SEC. 122075.000 | |
| 265 | 59890. | 659.1 | 661.4 | -2.3 | -3.6 | 035 | 97. |
| 266 | 60116. | 659.4 | 661.7 | -2.3 | -3.6 | 035 | 97. |

| | | | | | | | |
|-----|--------|-------|-------|------|------|-----------------|-----|
| 267 | 60342. | 659.6 | 661.9 | -2.3 | -3.5 | 035 | 96. |
| 268 | 60568. | 659.9 | 662.2 | -2.3 | -3.5 | 035 | 96. |
| 269 | 60794. | 660.1 | 662.4 | -2.3 | -3.5 | 035 | 96. |
| 270 | 61020. | 660.4 | 662.6 | -2.3 | -3.5 | 035 | 96. |
| 271 | 61246. | 660.6 | 662.9 | -2.3 | -3.5 | 035 | 95. |
| | 61325. | | | | | SEC. 123725.000 | |
| 272 | 61472. | 661.0 | 663.4 | -2.4 | -3.5 | 035 | 95. |
| | 61583. | | | | | SEC. 123983.000 | |
| 273 | 61698. | 661.4 | 664.2 | -2.7 | -3.5 | 035 | 95. |
| | 61833. | | | | | SEC. 124233.000 | |
| | 61867. | | | | | SEC. 124267.000 | |
| | 61917. | | | | | SEC. 124317.000 | |
| 274 | 61924. | 683.8 | 686.1 | -2.3 | -3.5 | 035 | 95. |
| 275 | 62150. | 683.8 | 686.1 | -2.3 | -3.5 | 035 | 94. |
| 276 | 62376. | 683.8 | 686.1 | -2.3 | -3.5 | 035 | 94. |
| 277 | 62602. | 683.8 | 686.1 | -2.3 | -3.5 | 035 | 94. |
| 278 | 62828. | 683.8 | 686.1 | -2.3 | -3.5 | 035 | 94. |
| 279 | 63054. | 683.8 | 686.1 | -2.3 | -3.5 | 035 | 93. |
| 280 | 63280. | 683.8 | 686.1 | -2.3 | -3.5 | 035 | 93. |
| 281 | 63506. | 683.8 | 686.1 | -2.3 | -3.5 | 035 | 93. |
| 282 | 63732. | 683.8 | 686.1 | -2.3 | -3.5 | 035 | 92. |
| 283 | 63958. | 683.8 | 686.1 | -2.3 | -3.5 | 035 | 92. |
| 284 | 64184. | 683.8 | 686.1 | -2.3 | -3.5 | 035 | 92. |
| 285 | 64410. | 683.8 | 686.1 | -2.3 | -3.5 | 035 | 92. |
| 286 | 64636. | 683.8 | 686.1 | -2.3 | -3.5 | 035 | 91. |
| 287 | 64862. | 683.8 | 686.1 | -2.3 | -3.5 | 035 | 91. |
| 288 | 65088. | 683.8 | 686.1 | -2.3 | -3.5 | 035 | 91. |
| 289 | 65314. | 683.8 | 686.1 | -2.3 | -3.5 | 035 | 90. |
| 290 | 65540. | 683.8 | 686.1 | -2.3 | -3.5 | 035 | 90. |
| 291 | 65766. | 683.8 | 686.1 | -2.3 | -3.4 | 035 | 90. |
| 292 | 65992. | 683.8 | 686.1 | -2.3 | -3.4 | 035 | 90. |
| 293 | 66218. | 683.8 | 686.1 | -2.3 | -3.4 | 035 | 89. |
| 294 | 66444. | 683.8 | 686.1 | -2.3 | -3.4 | 035 | 89. |
| 295 | 66670. | 683.8 | 686.1 | -2.3 | -3.4 | 035 | 89. |
| 296 | 66896. | 683.8 | 686.1 | -2.3 | -3.4 | 035 | 89. |
| 297 | 67122. | 683.8 | 686.1 | -2.3 | -3.4 | 035 | 88. |
| 298 | 67348. | 683.8 | 686.1 | -2.3 | -3.4 | 035 | 88. |
| 299 | 67574. | 683.8 | 686.1 | -2.3 | -3.4 | 035 | 88. |
| 300 | 67800. | 683.8 | 686.1 | -2.3 | -3.4 | 035 | 88. |
| 301 | 68026. | 683.8 | 686.1 | -2.3 | -3.4 | 035 | 88. |
| 302 | 68252. | 683.8 | 686.1 | -2.3 | -3.4 | 035 | 87. |
| 303 | 68478. | 683.8 | 686.1 | -2.3 | -3.4 | 035 | 87. |
| 304 | 68704. | 683.8 | 686.1 | -2.3 | -3.4 | 035 | 87. |
| | 68930. | | | | | SEC. 131190.000 | |
| | 69156. | | | | | SEC. 131290.000 | |
| | 69382. | | | | | SEC. 131311.000 | |
| 305 | 69608. | 683.8 | 686.1 | -2.3 | -3.4 | 035 | 87. |
| | 69834. | | | | | SEC. 131411.000 | |
| 306 | 70060. | 683.8 | 686.1 | -2.3 | -3.4 | 035 | 86. |
| 307 | 70286. | 683.8 | 686.1 | -2.3 | -3.4 | 035 | 86. |
| 308 | 70512. | 683.8 | 686.2 | -2.3 | -3.4 | 035 | 86. |
| 309 | 70738. | 683.8 | 686.2 | -2.3 | -3.4 | 035 | 86. |
| 310 | 70964. | 683.8 | 686.2 | -2.4 | -3.4 | 035 | 85. |
| 311 | 71190. | 683.8 | 686.2 | -2.4 | -3.4 | 035 | 85. |
| 312 | 71416. | 683.8 | 686.2 | -2.4 | -3.4 | 035 | 85. |
| 313 | 71642. | 684.0 | 686.3 | -2.4 | -3.4 | 035 | 85. |
| 314 | 71868. | 684.0 | 686.3 | -2.4 | -3.4 | 035 | 85. |
| 315 | 72094. | 684.0 | 686.4 | -2.4 | -3.4 | 035 | 85. |
| 316 | 72320. | 684.0 | 686.4 | -2.4 | -3.4 | 035 | 86. |
| 317 | 72546. | 684.0 | 686.4 | -2.4 | -3.4 | 035 | 86. |
| 318 | 72772. | 684.0 | 686.5 | -2.4 | -3.4 | 035 | 86. |
| 319 | 72998. | 684.1 | 686.5 | -2.4 | -3.4 | 035 | 86. |
| 320 | | 684.1 | 686.5 | -2.5 | -3.3 | 035 | 87. |
| 321 | | 684.1 | 686.5 | -2.5 | -3.3 | 035 | 87. |
| 322 | | 684.1 | 686.6 | -2.5 | -3.3 | 035 | 87. |
| 323 | | 684.1 | 686.6 | -2.5 | -3.3 | 035 | 87. |
| 324 | | 684.2 | 686.6 | -2.5 | -3.3 | 035 | 86. |
| 325 | | 684.2 | 686.6 | -2.5 | -3.3 | 035 | 86. |
| 326 | | 684.2 | 686.7 | -2.5 | -3.3 | 035 | 87. |

| | | | | | | | |
|-----|---------|-------|-------|------|------|-----------------|-----|
| 324 | 73224. | 684.2 | 686.7 | -2.5 | -3.3 | 035 | 87. |
| 325 | 73450. | 684.2 | 686.7 | -2.5 | -3.3 | 035 | 86. |
| 326 | 73676. | 684.2 | 686.8 | -2.5 | -3.3 | 035 | 87. |
| 327 | 73902. | 684.3 | 686.8 | -2.5 | -3.3 | 035 | 87. |
| 328 | 74128. | 684.3 | 686.8 | -2.6 | -3.3 | 035 | 88. |
| 329 | 74354. | 684.3 | 686.9 | -2.6 | -3.3 | 035 | 88. |
| 330 | 74580. | 684.3 | 686.9 | -2.6 | -3.3 | 035 | 88. |
| 331 | 74806. | 684.3 | 686.9 | -2.6 | -3.3 | 035 | 89. |
| 332 | 75032. | 684.4 | 687.0 | -2.6 | -3.3 | 035 | 89. |
| 333 | 75258. | 684.4 | 687.0 | -2.6 | -3.3 | 035 | 89. |
| 334 | 75484. | 684.4 | 687.0 | -2.6 | -3.3 | 035 | 90. |
| 335 | 75710. | 684.4 | 687.1 | -2.6 | -3.3 | 035 | 90. |
| 336 | 75936. | 684.5 | 687.1 | -2.6 | -3.3 | 035 | 90. |
| 337 | 76162. | 684.5 | 687.1 | -2.7 | -3.3 | 035 | 90. |
| 338 | 76388. | 684.5 | 687.2 | -2.7 | -3.3 | 035 | 91. |
| 339 | 76614. | 684.5 | 687.2 | -2.7 | -3.3 | 035 | 91. |
| 340 | 76840. | 684.5 | 687.2 | -2.7 | -3.3 | 035 | 91. |
| 341 | 77066. | 684.6 | 687.3 | -2.7 | -3.3 | 035 | 91. |
| 342 | 77292. | 684.6 | 687.3 | -2.7 | -3.3 | 035 | 91. |
| 343 | 77518. | 684.6 | 687.3 | -2.7 | -3.3 | 035 | 91. |
| 344 | 77744. | 684.6 | 687.4 | -2.7 | -3.3 | 035 | 92. |
| 345 | 77970. | 684.7 | 687.4 | -2.7 | -3.3 | 035 | 92. |
| 346 | 78196. | 684.7 | 687.4 | -2.8 | -3.3 | 035 | 92. |
| 347 | 78422. | 684.7 | 687.5 | -2.8 | -3.3 | 035 | 92. |
| 348 | 78648. | 684.7 | 687.5 | -2.8 | -3.3 | 035 | 92. |
| 349 | 78874. | 684.7 | 687.5 | -2.8 | -3.3 | 035 | 92. |
| 350 | 79100. | 684.8 | 687.6 | -2.8 | -3.3 | 035 | 92. |
| 351 | 79326. | 684.8 | 687.6 | -2.8 | -3.3 | 035 | 92. |
| 352 | 79552. | 684.8 | 687.6 | -2.8 | -3.3 | 035 | 93. |
| 353 | 79778. | 684.8 | 687.7 | -2.8 | -3.3 | 035 | 93. |
| 354 | 80004. | 684.9 | 687.7 | -2.8 | -3.3 | 035 | 92. |
| 355 | 80230. | 684.9 | 687.7 | -2.9 | -3.3 | 035 | 93. |
| 356 | 80456. | 684.9 | 687.8 | -2.9 | -3.3 | 035 | 93. |
| 357 | 80682. | 684.9 | 687.8 | -2.9 | -3.3 | 035 | 92. |
| | 80760. | | | | | SEC. 143160.000 | |
| | 80860. | | | | | SEC. 143260.000 | |
| | 80882. | | | | | SEC. 143282.000 | |
| 358 | 80908. | 686.5 | 688.3 | -1.8 | -3.3 | 035 | 92. |
| | 80982. | | | | | SEC. 143382.000 | |
| 359 | 81134. | 687.2 | 689.2 | -2.0 | -3.3 | 035 | 92. |
| 360 | 81360. | 687.8 | 689.9 | -2.1 | -3.3 | 035 | 92. |
| 361 | 81586. | 688.0 | 690.0 | -2.0 | -3.3 | 035 | 91. |
| 362 | 81812. | 688.3 | 690.1 | -1.8 | -3.3 | 035 | 90. |
| 363 | 82038. | 688.5 | 690.2 | -1.7 | -3.3 | 035 | 90. |
| 364 | 82264. | 688.7 | 690.4 | -1.7 | -3.2 | 030 | 88. |
| 365 | 82490. | 688.9 | 690.5 | -1.6 | -3.2 | 030 | 88. |
| 366 | 82716. | 689.1 | 690.6 | -1.5 | -3.2 | 030 | 88. |
| 367 | 82942. | 689.3 | 690.7 | -1.4 | -3.2 | 030 | 87. |
| 368 | 83168. | 689.6 | 690.8 | -1.2 | -3.2 | 030 | 86. |
| 369 | 83394. | 689.8 | 691.0 | -1.2 | -3.2 | 030 | 86. |
| 370 | 83620. | 690.0 | 691.1 | -1.1 | -3.2 | 030 | 86. |
| 371 | 83846. | 690.2 | 691.2 | -1.0 | -3.2 | 030 | 85. |
| 372 | 84072. | 690.4 | 691.3 | -0.9 | -3.2 | 030 | 85. |
| 373 | 84298. | 690.6 | 691.4 | -0.8 | -3.2 | 030 | 84. |
| 374 | 84524. | 690.8 | 691.5 | -0.7 | -3.2 | 030 | 83. |
| 375 | 84750. | 691.1 | 691.7 | -0.6 | -3.2 | 030 | 83. |
| | 84875. | | | | | SEC. 147275.000 | |
| 376 | 84976. | 691.3 | 691.9 | -0.6 | -3.2 | 030 | 82. |
| 377 | 85202. | 691.7 | 692.3 | -0.6 | -3.2 | 030 | 82. |
| 378 | 85428. | 692.2 | 692.8 | -0.6 | -3.2 | 030 | 81. |
| 379 | 85654. | 692.7 | 693.3 | -0.6 | -3.2 | 030 | 81. |
| 380 | 85880. | 693.1 | 693.8 | -0.7 | -3.2 | 030 | 80. |
| 381 | 86106. | 693.6 | 694.3 | -0.7 | -3.1 | 030 | 79. |
| 382 | 86332. | 694.0 | 694.9 | -0.9 | -3.1 | 030 | 79. |
| 383 | 86558. | 694.5 | 695.4 | -0.9 | -3.1 | 030 | 78. |
| 384 | 86784. | 695.0 | 695.9 | -0.9 | -3.1 | 030 | 78. |
| 444 | 100544. | 695.0 | 695.9 | -0.9 | -3.1 | 030 | 78. |

| | | | | | | | |
|-----|---------|-------|-------|------|------|-----------------|-----|
| 385 | 87010. | 695.4 | 696.4 | -1.0 | -3.1 | 030 | 77. |
| 386 | 87236. | 695.9 | 696.9 | -1.1 | -3.1 | 030 | 77. |
| 387 | 87462. | 696.3 | 697.4 | -1.1 | -3.1 | 030 | 76. |
| 388 | 87688. | 696.8 | 698.0 | -1.2 | -3.1 | 030 | 76. |
| 389 | 87914. | 697.3 | 698.5 | -1.2 | -3.1 | 030 | 75. |
| 390 | 88140. | 697.7 | 699.0 | -1.3 | -3.1 | 030 | 75. |
| 391 | 88366. | 698.2 | 699.5 | -1.3 | -3.1 | 030 | 74. |
| 392 | 88592. | 698.6 | 700.0 | -1.4 | -3.1 | 030 | 74. |
| 393 | 88818. | 699.1 | 700.6 | -1.4 | -3.1 | 030 | 74. |
| 394 | 89044. | 699.6 | 701.1 | -1.5 | -3.1 | 030 | 74. |
| 395 | 89270. | 700.0 | 701.6 | -1.6 | -3.1 | 030 | 73. |
| 396 | 89496. | 700.5 | 702.1 | -1.6 | -3.1 | 030 | 73. |
| 397 | 89722. | 701.0 | 702.6 | -1.7 | -3.1 | 030 | 73. |
| | 89875. | | | | | SEC. 152275.000 | |
| 398 | 89948. | 701.4 | 703.1 | -1.7 | -3.1 | 030 | 73. |
| 399 | 90174. | 701.7 | 703.5 | -1.7 | -3.1 | 030 | 72. |
| 400 | 90400. | 702.0 | 703.7 | -1.7 | -3.1 | 030 | 72. |
| 401 | 90626. | 702.3 | 704.0 | -1.7 | -3.1 | 030 | 72. |
| 402 | 90852. | 702.6 | 704.3 | -1.7 | -3.1 | 030 | 72. |
| 403 | 91078. | 702.9 | 704.6 | -1.7 | -3.0 | 030 | 72. |
| 404 | 91304. | 703.2 | 704.9 | -1.6 | -3.0 | 030 | 72. |
| 405 | 91530. | 703.5 | 705.1 | -1.6 | -3.0 | 030 | 71. |
| 406 | 91756. | 703.8 | 705.4 | -1.6 | -3.0 | 030 | 71. |
| 407 | 91982. | 704.1 | 705.7 | -1.6 | -3.0 | 030 | 71. |
| 408 | 92208. | 704.4 | 706.0 | -1.6 | -3.0 | 030 | 71. |
| 409 | 92434. | 704.7 | 706.3 | -1.6 | -3.0 | 030 | 70. |
| 410 | 92660. | 705.0 | 706.6 | -1.5 | -3.0 | 030 | 70. |
| 411 | 92886. | 705.3 | 706.8 | -1.5 | -3.0 | 030 | 70. |
| 412 | 93112. | 705.6 | 707.1 | -1.5 | -3.0 | 030 | 70. |
| 413 | 93338. | 705.9 | 707.4 | -1.5 | -3.0 | 030 | 70. |
| 414 | 93564. | 706.2 | 707.6 | -1.5 | -3.0 | 030 | 70. |
| 415 | 93790. | 706.5 | 707.9 | -1.5 | -3.0 | 030 | 69. |
| 416 | 94016. | 706.8 | 708.2 | -1.4 | -3.0 | 030 | 69. |
| 417 | 94242. | 707.1 | 708.5 | -1.4 | -3.0 | 030 | 69. |
| | 94390. | | | | | SEC. 156790.000 | |
| 418 | 94468. | 707.4 | 708.7 | -1.3 | -3.0 | 030 | 68. |
| | 94490. | | | | | SEC. 156890.000 | |
| | 94510. | | | | | SEC. 156910.000 | |
| | 94610. | | | | | SEC. 157010.000 | |
| 419 | 94694. | 710.5 | 711.1 | -0.6 | -3.0 | 030 | 68. |
| 420 | 94920. | 710.7 | 711.4 | -0.7 | -3.0 | 030 | 68. |
| 421 | 95146. | 711.0 | 711.8 | -0.7 | -3.0 | 030 | 66. |
| 422 | 95372. | 711.4 | 712.2 | -0.8 | -3.0 | 030 | 68. |
| 423 | 95598. | 711.7 | 712.6 | -0.9 | -3.0 | 030 | 68. |
| 424 | 95824. | 712.0 | 712.9 | -0.9 | -3.0 | 030 | 68. |
| 425 | 96050. | 712.4 | 713.3 | -1.0 | -3.0 | 030 | 68. |
| 426 | 96276. | 712.7 | 713.7 | -1.0 | -3.0 | 030 | 67. |
| 427 | 96502. | 713.0 | 714.1 | -1.1 | -2.9 | 030 | 67. |
| 428 | 96728. | 713.4 | 714.5 | -1.2 | -2.9 | 030 | 67. |
| 429 | 96954. | 713.7 | 714.9 | -1.2 | -2.9 | 030 | 67. |
| 430 | 97180. | 714.0 | 715.3 | -1.3 | -2.9 | 030 | 67. |
| 431 | 97406. | 714.4 | 715.7 | -1.3 | -2.9 | 030 | 66. |
| 432 | 97632. | 714.7 | 716.1 | -1.4 | -2.9 | 030 | 66. |
| 433 | 97858. | 715.0 | 716.5 | -1.5 | -2.9 | 030 | 66. |
| 434 | 98084. | 715.4 | 716.9 | -1.5 | -2.9 | 030 | 66. |
| | 98225. | | | | | SEC. 160625.000 | |
| 435 | 98310. | 715.7 | 717.2 | -1.6 | -2.9 | 030 | 66. |
| 436 | 98536. | 716.0 | 717.6 | -1.5 | -2.9 | 030 | 66. |
| 437 | 98762. | 716.3 | 717.9 | -1.5 | -2.9 | 030 | 65. |
| 438 | 98988. | 716.7 | 718.1 | -1.5 | -2.9 | 030 | 65. |
| 439 | 99214. | 717.0 | 718.4 | -1.4 | -2.9 | 030 | 65. |
| 440 | 99440. | 717.3 | 718.7 | -1.4 | -2.9 | 030 | 65. |
| 441 | 99666. | 717.7 | 719.0 | -1.4 | -2.9 | 030 | 64. |
| 442 | 99892. | 718.0 | 719.3 | -1.3 | -2.9 | 030 | 64. |
| 443 | 100118. | 718.3 | 719.6 | -1.3 | -2.9 | 030 | 64. |

| | | | | | | | |
|-----|---------|-------|-------|------|------|-----------------|-----|
| 445 | 100570. | 719.0 | 720.2 | -1.2 | -2.9 | 030 | 64. |
| 446 | 100796. | 719.3 | 720.5 | -1.2 | -2.9 | 030 | 64. |
| 447 | 101022. | 719.6 | 720.8 | -1.1 | -2.9 | 030 | 64. |
| 448 | 101248. | 720.0 | 721.1 | -1.1 | -2.9 | 030 | 63. |
| 449 | 101474. | 720.3 | 721.4 | -1.1 | -2.9 | 030 | 63. |
| 450 | 101700. | 720.6 | 721.7 | -1.0 | -2.9 | 030 | 63. |
| 451 | 101926. | 721.0 | 722.0 | -1.0 | -2.9 | 030 | 63. |
| 452 | 102152. | 721.3 | 722.2 | -1.0 | -2.9 | 030 | 63. |
| | 102175. | | | | | SEC. 164575.000 | |
| | 102275. | | | | | SEC. 164675.000 | |
| | 102293. | | | | | SEC. 164693.000 | |
| 453 | 102378. | 722.0 | 726.8 | -4.8 | -2.9 | 030 | 62. |
| | 102393. | | | | | SEC. 164793.000 | |
| 454 | 102604. | 722.1 | 726.9 | -4.8 | -2.9 | 030 | 62. |
| 455 | 102830. | 722.6 | 726.9 | -4.3 | -2.9 | 030 | 62. |
| 456 | 103056. | 723.1 | 727.0 | -3.9 | -2.9 | 030 | 62. |
| 457 | 103282. | 723.6 | 727.0 | -3.4 | -2.9 | 030 | 63. |
| 458 | 103508. | 724.2 | 727.1 | -2.9 | -2.9 | 030 | 63. |
| 459 | 103734. | 724.7 | 727.1 | -2.4 | -2.9 | 030 | 63. |
| | 103875. | | | | | SEC. 166275.000 | |
| 460 | 103960. | 725.2 | 727.2 | -2.0 | -2.9 | 030 | 63. |
| 461 | 104186. | 725.7 | 727.4 | -1.7 | -2.9 | 030 | 62. |
| 462 | 104412. | 726.2 | 727.8 | -1.5 | -2.9 | 030 | 62. |
| 463 | 104638. | 726.8 | 728.1 | -1.3 | -2.9 | 030 | 62. |
| 464 | 104864. | 727.3 | 728.4 | -1.1 | -2.9 | 030 | 62. |
| 465 | 105090. | 727.8 | 728.7 | -1.0 | -2.9 | 030 | 62. |
| | 105125. | | | | | SEC. 167525.000 | |
| | 105225. | | | | | SEC. 167625.000 | |
| | 105248. | | | | | SEC. 167648.000 | |
| 466 | 105316. | 729.1 | 730.1 | -1.0 | -2.8 | 030 | 62. |
| | 105348. | | | | | SEC. 167748.000 | |
| 467 | 105542. | 730.1 | 731.1 | -1.0 | -2.8 | 030 | 61. |
| 468 | 105768. | 730.7 | 731.7 | -1.0 | -2.8 | 030 | 61. |
| 469 | 105994. | 731.0 | 732.0 | -1.1 | -2.8 | 030 | 61. |
| 470 | 106220. | 731.3 | 732.4 | -1.1 | -2.8 | 030 | 61. |
| 471 | 106446. | 731.6 | 732.7 | -1.2 | -2.8 | 030 | 61. |
| 472 | 106672. | 731.9 | 733.1 | -1.2 | -2.8 | 030 | 61. |
| 473 | 106898. | 732.2 | 733.5 | -1.3 | -2.8 | 030 | 60. |
| 474 | 107124. | 732.5 | 733.8 | -1.3 | -2.8 | 030 | 60. |
| 475 | 107350. | 732.8 | 734.2 | -1.4 | -2.8 | 030 | 60. |
| 476 | 107576. | 733.1 | 734.5 | -1.5 | -2.8 | 030 | 60. |
| 477 | 107802. | 733.4 | 734.9 | -1.5 | -2.8 | 030 | 60. |
| | 108000. | | | | | SEC. 170400.000 | |
| 478 | 108028. | 733.7 | 735.2 | -1.6 | -2.8 | 030 | 60. |
| 479 | 108254. | 733.9 | 735.5 | -1.6 | -2.8 | 030 | 59. |
| 480 | 108480. | 734.0 | 735.6 | -1.6 | -2.8 | 030 | 59. |
| 481 | 108706. | 734.2 | 735.8 | -1.6 | -2.8 | 030 | 59. |
| 482 | 108932. | 734.4 | 736.0 | -1.6 | -2.8 | 030 | 59. |
| 483 | 109158. | 734.5 | 736.1 | -1.6 | -2.8 | 030 | 59. |
| 484 | 109384. | 734.7 | 736.3 | -1.6 | -2.8 | 030 | 59. |
| 485 | 109610. | 734.9 | 736.4 | -1.6 | -2.8 | 030 | 59. |
| 486 | 109836. | 735.0 | 736.6 | -1.6 | -2.8 | 030 | 58. |
| | 110000. | | | | | SEC. 172400.000 | |
| 487 | 110062. | 735.2 | 736.8 | -1.5 | -2.8 | 030 | 58. |
| 488 | 110288. | 735.6 | 737.0 | -1.4 | -2.8 | 030 | 58. |
| | 110300. | | | | | SEC. 172700.000 | |
| | 110320. | | | | | SEC. 172720.000 | |
| 489 | 110514. | 736.0 | 738.9 | -2.9 | -2.8 | 030 | 58. |
| | 110620. | | | | | SEC. 173020.000 | |
| 490 | 110740. | 736.3 | 739.0 | -2.7 | -2.8 | 030 | 58. |
| 491 | 110966. | 736.8 | 739.2 | -2.5 | -2.8 | 030 | 58. |
| 492 | 111192. | 737.3 | 739.5 | -2.2 | -2.8 | 030 | 58. |
| 493 | 111418. | 737.7 | 739.8 | -2.0 | -2.8 | 030 | 58. |
| 494 | 111644. | 738.2 | 740.0 | -1.8 | -2.8 | 030 | 59. |
| 495 | 111870. | 738.7 | 740.3 | -1.6 | -2.8 | 030 | 58. |
| 496 | 112096. | 739.2 | 740.5 | -1.3 | -2.8 | 030 | 58. |

| | | | | | | | |
|-----|---------|-------|-------|------|------|-----------------|-----|
| 497 | 112322. | 739.7 | 740.8 | -1.1 | -2.8 | 030 | 58. |
| 498 | 112548. | 740.2 | 741.1 | -0.9 | -2.8 | 030 | 58. |
| | 112700. | | | | | SEC. 175100,000 | |
| 499 | 112774. | 740.7 | 741.4 | -0.7 | -2.8 | 030 | 58. |
| 500 | 113000. | 741.2 | 741.9 | -0.6 | -2.8 | 030 | 57. |
| 501 | 113226. | 741.8 | 742.5 | -0.7 | -2.8 | 030 | 57. |
| 502 | 113452. | 742.4 | 743.1 | -0.7 | -2.7 | 025 | 57. |
| 503 | 113676. | 742.9 | 743.7 | -0.7 | -2.7 | 025 | 57. |
| 504 | 113904. | 743.5 | 744.3 | -0.8 | -2.7 | 025 | 56. |
| 505 | 114130. | 744.1 | 744.9 | -0.8 | -2.7 | 025 | 56. |
| 506 | 114356. | 744.7 | 745.5 | -0.8 | -2.7 | 025 | 55. |
| 507 | 114582. | 745.2 | 746.1 | -0.9 | -2.7 | 025 | 55. |
| 508 | 114808. | 745.8 | 746.7 | -0.9 | -2.7 | 025 | 55. |
| 509 | 115034. | 746.4 | 747.3 | -0.9 | -2.7 | 025 | 55. |
| 510 | 115260. | 747.0 | 747.9 | -1.0 | -2.7 | 025 | 54. |
| 511 | 115486. | 747.5 | 748.5 | -1.0 | -2.7 | 025 | 54. |
| 512 | 115712. | 748.1 | 749.1 | -1.0 | -2.7 | 025 | 54. |
| 513 | 115938. | 748.7 | 749.7 | -1.1 | -2.7 | 025 | 54. |
| 514 | 116164. | 749.2 | 750.3 | -1.1 | -2.7 | 025 | 54. |
| 515 | 116390. | 749.8 | 750.9 | -1.1 | -2.7 | 025 | 53. |
| 516 | 116616. | 750.4 | 751.5 | -1.2 | -2.7 | 025 | 53. |
| 517 | 116842. | 751.0 | 752.2 | -1.2 | -2.7 | 025 | 53. |
| | 116975. | | | | | SEC. 179375,000 | |
| 518 | 117068. | 751.5 | 752.7 | -1.2 | -2.7 | 025 | 53. |
| | 117075. | | | | | SEC. 179475,000 | |
| | 117084. | | | | | SEC. 179484,000 | |
| | 117184. | | | | | SEC. 179584,000 | |
| 519 | 117294. | 753.3 | 754.2 | -0.8 | -2.7 | 025 | 52. |
| | 117425. | | | | | SEC. 179825,000 | |
| 520 | 117520. | 753.7 | 754.6 | -0.9 | -2.7 | 025 | 52. |
| | 117525. | | | | | SEC. 179925,000 | |
| | 117533. | | | | | SEC. 179933,000 | |
| | 117633. | | | | | SEC. 180033,000 | |
| 521 | 117746. | 753.9 | 755.3 | -1.4 | -2.7 | 025 | 52. |
| 522 | 117972. | 754.1 | 755.5 | -1.4 | -2.7 | 025 | 52. |
| 523 | 118198. | 754.3 | 755.7 | -1.5 | -2.7 | 025 | 52. |
| 524 | 118424. | 754.4 | 756.0 | -1.5 | -2.7 | 025 | 52. |
| | 118500. | | | | | SEC. 180900,000 | |
| | 118550. | | | | | SEC. 180950,000 | |
| | 118558. | | | | | SEC. 180958,000 | |
| | 118606. | | | | | SEC. 181006,000 | |
| 525 | 118650. | 755.0 | 756.5 | -1.5 | -2.7 | 025 | 52. |
| | 118750. | | | | | SEC. 181150,000 | |
| | 118800. | | | | | SEC. 181200,000 | |
| | 118820. | | | | | SEC. 181220,000 | |
| 526 | 118876. | 757.3 | 758.6 | -1.2 | -2.7 | 025 | 52. |
| | 119020. | | | | | SEC. 181420,000 | |
| 527 | 119102. | 757.3 | 758.6 | -1.3 | -2.7 | 025 | 51. |
| 528 | 119328. | 757.7 | 759.0 | -1.3 | -2.7 | 025 | 52. |
| 529 | 119554. | 758.3 | 759.6 | -1.3 | -2.7 | 025 | 52. |
| 530 | 119780. | 759.0 | 760.3 | -1.3 | -2.7 | 025 | 52. |
| 531 | 120006. | 759.6 | 761.0 | -1.3 | -2.7 | 025 | 51. |
| | 120225. | | | | | SEC. 182625,000 | |
| 532 | 120232. | 760.3 | 761.7 | -1.4 | -2.7 | 025 | 51. |
| | 120325. | | | | | SEC. 182725,000 | |
| | 120333. | | | | | SEC. 182733,000 | |
| | 120433. | | | | | SEC. 182833,000 | |
| 533 | 120458. | 761.0 | 763.0 | -2.0 | -2.7 | 025 | 51. |
| 534 | 120684. | 761.3 | 763.3 | -2.0 | -2.7 | 025 | 51. |
| 535 | 120910. | 761.7 | 763.7 | -2.0 | -2.7 | 025 | 51. |
| 536 | 121136. | 762.2 | 764.1 | -1.9 | -2.7 | 025 | 51. |
| 537 | 121362. | 762.6 | 764.6 | -1.9 | -2.7 | 025 | 51. |
| 538 | 121588. | 763.1 | 765.0 | -1.9 | -2.6 | 025 | 51. |
| 539 | 121814. | 763.5 | 765.4 | -1.9 | -2.6 | 025 | 51. |
| 540 | 122040. | 764.0 | 765.8 | -1.8 | -2.6 | 025 | 51. |
| | | | | | | SEC. 184625,000 | |

| | | | | | | | |
|-----|---------|-------|-------|------|------|-----------------|-----|
| 541 | 122266. | 764.5 | 766.3 | -1.8 | -2.6 | 025 | 51. |
| | 122325. | | | | | SEC. 184725.000 | |
| | 122333. | | | | | SEC. 184733.000 | |
| | 122413. | | | | | SEC. 184813.000 | |
| | 122485. | | | | | SEC. 184885.000 | |
| 542 | 122492. | 765.6 | 767.7 | -2.2 | -2.6 | 025 | 51. |
| | 122535. | | | | | SEC. 184985.000 | |
| | 122611. | | | | | SEC. 185011.000 | |
| 543 | 122718. | 765.6 | 767.9 | -2.3 | -2.6 | 025 | 51. |
| | 122811. | | | | | SEC. 185211.000 | |
| 544 | 122944. | 766.1 | 768.2 | -2.1 | -2.6 | 025 | 51. |
| 545 | 123170. | 766.5 | 768.5 | -2.0 | -2.6 | 025 | 52. |
| 546 | 123396. | 766.8 | 768.7 | -1.9 | -2.6 | 025 | 52. |
| 547 | 123622. | 767.2 | 769.0 | -1.8 | -2.6 | 025 | 52. |
| 548 | 123848. | 767.5 | 769.2 | -1.8 | -2.6 | 025 | 52. |
| | 123850. | | | | | SEC. 186250.000 | |
| | 123950. | | | | | SEC. 186350.000 | |
| | 123958. | | | | | SEC. 186358.000 | |
| | 124058. | | | | | SEC. 186458.000 | |
| 549 | 124074. | 768.1 | 769.8 | -1.7 | -2.6 | 025 | 52. |
| 550 | 124300. | 768.3 | 770.0 | -1.7 | -2.6 | 025 | 52. |
| 551 | 124526. | 768.8 | 770.3 | -1.6 | -2.6 | 025 | 52. |
| 552 | 124752. | 769.2 | 770.7 | -1.5 | -2.6 | 025 | 52. |
| 553 | 124978. | 769.6 | 771.0 | -1.4 | -2.6 | 025 | 52. |
| 554 | 125204. | 770.0 | 771.4 | -1.3 | -2.6 | 025 | 51. |
| 555 | 125430. | 770.5 | 771.7 | -1.3 | -2.6 | 025 | 51. |
| | 125525. | | | | | SEC. 187925.000 | |
| 556 | 125656. | 770.9 | 772.1 | -1.2 | -2.6 | 025 | 51. |
| 557 | 125882. | 771.3 | 772.4 | -1.1 | -2.6 | 025 | 51. |
| 558 | 126108. | 771.7 | 772.8 | -1.1 | -2.6 | 025 | 51. |
| 559 | 126334. | 772.1 | 773.1 | -1.0 | -2.6 | 025 | 51. |
| 560 | 126560. | 772.5 | 773.5 | -1.0 | -2.6 | 025 | 51. |
| 561 | 126786. | 772.9 | 773.8 | -0.9 | -2.6 | 025 | 51. |
| 562 | 127012. | 773.3 | 774.2 | -0.9 | -2.6 | 025 | 51. |
| 563 | 127238. | 773.7 | 774.5 | -0.8 | -2.6 | 025 | 50. |
| 564 | 127464. | 774.1 | 774.9 | -0.8 | -2.6 | 025 | 50. |
| 565 | 127690. | 774.5 | 775.2 | -0.7 | -2.6 | 025 | 50. |
| | 127910. | | | | | SEC. 190310.000 | |
| 566 | 127916. | 774.8 | 775.6 | -0.7 | -2.6 | 025 | 50. |
| | 128010. | | | | | SEC. 190410.000 | |
| | 128035. | | | | | SEC. 190435.000 | |
| | 128135. | | | | | SEC. 190535.000 | |
| 567 | 128142. | 776.1 | 779.2 | -3.1 | -2.6 | 025 | 50. |
| 568 | 128368. | 776.3 | 779.2 | -3.0 | -2.6 | 025 | 50. |
| 569 | 128594. | 776.6 | 779.3 | -2.7 | -2.6 | 025 | 50. |
| 570 | 128820. | 776.9 | 779.3 | -2.4 | -2.6 | 025 | 51. |
| 571 | 129046. | 777.2 | 779.3 | -2.1 | -2.6 | 025 | 51. |
| 572 | 129272. | 777.5 | 779.3 | -1.8 | -2.6 | 025 | 51. |
| 573 | 129498. | 777.9 | 779.4 | -1.5 | -2.6 | 025 | 51. |
| 574 | 129724. | 778.2 | 779.4 | -1.2 | -2.6 | 025 | 51. |
| | 129725. | | | | | SEC. 192125.000 | |
| 575 | 129950. | 778.7 | 779.8 | -1.0 | -2.6 | 025 | 51. |
| 576 | 130176. | 779.5 | 780.5 | -1.0 | -2.6 | 025 | 51. |
| 577 | 130402. | 780.2 | 781.2 | -1.0 | -2.6 | 025 | 51. |
| 578 | 130628. | 781.0 | 782.0 | -1.0 | -2.6 | 025 | 51. |
| 579 | 130854. | 781.7 | 782.8 | -1.1 | -2.6 | 025 | 51. |
| 580 | 131080. | 782.5 | 783.6 | -1.1 | -2.6 | 025 | 51. |
| 581 | 131306. | 783.3 | 784.3 | -1.1 | -2.6 | 025 | 51. |
| 582 | 131532. | 784.0 | 785.1 | -1.1 | -2.6 | 025 | 51. |
| 583 | 131758. | 784.8 | 785.6 | -1.1 | -2.6 | 025 | 51. |
| | 131825. | | | | | SEC. 194225.000 | |
| 584 | 131984. | 785.4 | 786.5 | -1.1 | -2.6 | 025 | 51. |
| 585 | 132210. | 785.9 | 787.0 | -1.1 | -2.6 | 025 | 51. |
| 586 | 132436. | 786.4 | 787.5 | -1.2 | -2.6 | 025 | 52. |
| 587 | 132662. | 786.8 | 788.0 | -1.2 | -2.6 | 025 | 51. |

| | | | | | | | |
|-----|---------|-------|-------|------|------|-----------------|-----|
| 589 | 133114. | 787.7 | 799.0 | -1.3 | -2.5 | 025 | 51. |
| 590 | 133340. | 788.2 | 789.5 | -1.4 | -2.5 | 025 | 51. |
| | 133550. | | | | | SEC. 195950.000 | |
| 591 | 133566. | 788.6 | 790.0 | -1.4 | -2.5 | 025 | 51. |
| 592 | 133792. | 788.9 | 790.4 | -1.5 | -2.5 | 025 | 51. |
| 593 | 134018. | 789.1 | 790.7 | -1.6 | -2.5 | 025 | 51. |
| 594 | 134244. | 789.2 | 791.0 | -1.8 | -2.5 | 025 | 51. |
| | 134390. | | | | | SEC. 196790.000 | |
| | 134415. | | | | | SEC. 196815.000 | |
| | 134433. | | | | | SEC. 196833.000 | |
| | 134458. | | | | | SEC. 196858.000 | |
| 595 | 134470. | 789.1 | 792.1 | -3.0 | -2.5 | 025 | 51. |
| 596 | 134696. | 789.5 | 792.5 | -3.0 | -2.5 | 025 | 51. |
| 597 | 134922. | 790.4 | 793.4 | -3.0 | -2.5 | 025 | 51. |
| 598 | 135148. | 791.2 | 794.2 | -2.9 | -2.5 | 025 | 52. |
| 599 | 135374. | 792.1 | 795.0 | -2.9 | -2.5 | 025 | 52. |
| 600 | 135600. | 793.0 | 795.8 | -2.8 | -2.5 | 025 | 52. |
| 601 | 135826. | 793.8 | 796.6 | -2.8 | -2.5 | 025 | 52. |
| 602 | 136052. | 794.7 | 797.4 | -2.7 | -2.5 | 025 | 52. |
| | 136275. | | | | | SEC. 198675.000 | |
| 603 | 136278. | 795.5 | 798.2 | -2.7 | -2.5 | 025 | 52. |
| 604 | 136504. | 796.2 | 798.8 | -2.6 | -2.5 | 025 | 52. |
| 605 | 136730. | 796.6 | 799.2 | -2.6 | -2.5 | 025 | 52. |
| 606 | 136956. | 797.0 | 799.7 | -2.6 | -2.5 | 025 | 52. |
| 607 | 137182. | 797.5 | 800.1 | -2.6 | -2.5 | 025 | 52. |
| 608 | 137408. | 797.9 | 800.5 | -2.6 | -2.5 | 025 | 52. |
| 609 | 137634. | 798.3 | 800.9 | -2.6 | -2.5 | 025 | 52. |
| 610 | 137860. | 798.7 | 801.3 | -2.6 | -2.5 | 025 | 52. |
| | 137975. | | | | | SEC. 200375.000 | |

THIS REACH CAN BE SUBDIVIDED BY INC NO. TO MEET FIA REQUIREMENTS
INPUT 208 WHERE " IS THE NUMBER OF REACHES AND THEN INPUT THE END
OF EACH REACH BY INC NO. FOR EXAMPLED 202 379 610
A NEGATIVE INC NO. WILL SUPPRESS INTERMEDIATE INC OUTPUT.

HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
ERROR CORR - 01
MODIFICATION - 50,51,52

EJ

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

C
 T1 DAVIDSON COUNTY BASIN E STREAM 1 ABBOTTS CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 10 YEAR FLOOD WATER SURFACE PROFILE

| J1 | ICHECK | INO | MINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FG |
|----|-------------------------------------|----------|----------|-----------|-----------|-----------|----------|----------|---------|----------|
| | -1. | 2. | 0. | 0. | 0.0 | 0.0 | 0.0 | 0. | 656.010 | 0.0 |
| J2 | NPROF | IPLOT | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE |
| | 0.0 | 0.0 | -1.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| J3 | VARIABLE CODES FOR SUMMARY PRINTOUT | | | | | | | | | |
| | 38.000 | 39.000 | 40.000 | 41.000 | 43.000 | 42.000 | 1.000 | 2.000 | 26.000 | 53.000 |
| | 54.000 | 25.000 | 50.000 | 0.0 | 201.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| NC | 0.043 | 0.043 | 0.028 | 0.100 | 0.300 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| QT | 5.000 | 5190.000 | 8490.000 | 10590.000 | 15090.000 | 10590.000 | 0.0 | 0.0 | 0.0 | 0.0 |
| ET | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -10.400 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 119275.000 | 10.000 | 1288.000 | 1325.000 | 3242.000 | 3242.000 | 3242.000 | 0.0 | 0.0 | 0.0 |
| SP | 667.900 | 1000.000 | 651.900 | 1100.000 | 651.600 | 1200.000 | 652.200 | 1288.000 | 644.800 | 1305.000 |
| GR | 653.100 | 1325.000 | 651.800 | 1400.000 | 658.000 | 1507.000 | 659.100 | 1600.000 | 664.000 | 1690.000 |
| X1 | 122075.000 | 10.000 | 1413.000 | 1469.000 | 2800.000 | 2800.000 | 2800.000 | 0.0 | 0.0 | 0.0 |
| GR | 670.900 | 1000.000 | 657.000 | 1100.000 | 655.200 | 1200.000 | 655.000 | 1300.000 | 655.300 | 1400.000 |
| SP | 655.800 | 1413.000 | 647.700 | 1440.000 | 657.400 | 1469.000 | 657.300 | 1500.000 | 664.400 | 1543.000 |
| QT | 5.000 | 5180.000 | 8480.000 | 10580.000 | 15080.000 | 10580.000 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 123725.000 | 9.000 | 1272.000 | 1342.000 | 1650.000 | 1650.000 | 1650.000 | 0.0 | 0.0 | 0.0 |
| SP | 674.900 | 1000.000 | 656.600 | 1200.000 | 656.400 | 1272.000 | 649.200 | 1306.000 | 662.700 | 1342.000 |
| GR | 663.100 | 1400.000 | 655.700 | 1500.000 | 669.900 | 1600.000 | 675.300 | 1700.000 | 0.0 | 0.0 |
| X1 | 123983.000 | 9.000 | 545.000 | 600.000 | 258.000 | 258.000 | 258.000 | 0.0 | 0.0 | 0.0 |
| GR | 673.700 | 0.0 | 664.100 | 300.000 | 659.500 | 400.000 | 658.100 | 500.000 | 655.100 | 545.000 |
| GR | 650.000 | 548.000 | 656.200 | 600.000 | 669.500 | 700.000 | 679.900 | 769.000 | 0.0 | 0.0 |
| X1 | 124233.000 | 14.000 | 1418.000 | 1899.000 | 250.000 | 250.000 | 250.000 | 0.0 | 0.0 | 0.0 |
| GR | 695.800 | 1000.000 | 695.800 | 1100.000 | 695.700 | 1200.000 | 695.600 | 1300.000 | 695.500 | 1400.000 |
| GR | 676.000 | 1500.000 | 657.500 | 1600.000 | 654.000 | 1600.000 | 654.000 | 1700.000 | 654.000 | 1800.000 |

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|----|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| GR | 654.000 | 1899.000 | 254.500 | 1900.000 | 676.100 | 2000.000 | 698.000 | 2100.000 | 700.000 | 2200.000 |
| SB | 0.900 | 1.500 | 2.500 | 0.0 | 0.100 | 0.010 | 0.100 | 0.0 | 0.0 | 0.0 |

RDNQ DAM-TOMALEX LAKE MXLCEL 683.9 SPLWY RDELV 694.5

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|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 124267.000 | 0.0 | 0.0 | 0.0 | 34.000 | 34.000 | 34.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 655.000 | 694.500 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 16.000 | 1000.000 | 695.800 | 0.0 | 1100.000 | 695.800 | 0.0 | 1200.000 | 695.700 | 0.0 |
| BT | 1300.000 | 695.600 | 0.0 | 1400.000 | 695.500 | 0.0 | 1500.000 | 695.200 | 0.0 | 1600.000 |
| BT | 694.900 | 0.0 | 1618.000 | 694.500 | 0.0 | 1619.000 | 694.500 | 0.0 | 1619.100 | 683.900 |
| BT | 0.0 | 1897.900 | 683.900 | 0.0 | 1898.000 | 683.900 | 0.0 | 1899.000 | 694.500 | 0.0 |
| BT | 1900.000 | 694.500 | 0.0 | 1935.000 | 695.600 | 0.0 | 2200.000 | 700.000 | 0.0 | 0.0 |

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|----|------------|----------|----------|-----------|-----------|-----------|---------|---------|---------|---------|
| X1 | 124317.000 | 9.000 | 545.000 | 600.000 | 50.000 | 50.000 | 50.000 | 0.0 | 4.800 | 0.0 |
| GR | 673.700 | 0.0 | 644.100 | 300.000 | 659.500 | 400.000 | 658.100 | 500.000 | 655.100 | 545.000 |
| GR | 650.000 | 548.900 | 656.200 | 600.000 | 669.500 | 700.000 | 679.900 | 769.000 | 0.0 | 0.0 |
| QT | 5.000 | 5175.000 | 8475.000 | 10575.000 | 15075.000 | 10575.000 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 131190.000 | 24.000 | 1804.000 | 2079.000 | 6873.000 | 6873.000 | 6873.000 | 0.0 | 0.0 | 0.0 |
| GR | 707.600 | 1000.000 | 696.100 | 1200.000 | 695.000 | 1232.000 | 692.800 | 1400.000 | 692.100 | 1800.000 |
| GR | 688.500 | 1884.000 | 688.000 | 1892.000 | 685.900 | 1899.000 | 679.600 | 1914.500 | 673.500 | 1930.000 |
| GR | 667.500 | 1945.500 | 659.900 | 1961.500 | 660.600 | 2001.500 | 667.600 | 2017.500 | 673.300 | 2033.000 |
| GR | 680.000 | 2048.500 | 685.900 | 2064.000 | 687.300 | 2072.000 | 688.500 | 2079.000 | 692.400 | 2100.000 |
| GR | 692.700 | 2400.000 | 694.100 | 2500.000 | 699.900 | 2610.000 | 705.800 | 2700.000 | 0.0 | 0.0 |

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|----|------------|-------|-------|-----|---------|---------|----------|-----|-----|-----|
| X1 | 131290.000 | 0.0 | 0.0 | 0.0 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| SB | 1.050 | 1.500 | 2.500 | 0.0 | 195.000 | 12.600 | 3222.000 | 0.0 | 0.0 | 0.0 |

RDNQ DCSR 1019 MXLCEL 690.9 RDELV 692.5

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|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 131311.000 | 0.0 | 0.0 | 0.0 | 21.000 | 21.000 | 21.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 690.900 | 692.100 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 18.000 | 1000.000 | 707.600 | 0.0 | 1100.000 | 709.100 | 0.0 | 1200.000 | 696.100 | 0.0 |
| BT | 1300.000 | 693.700 | 0.0 | 1400.000 | 692.800 | 0.0 | 1500.000 | 692.700 | 0.0 | 1600.000 |
| BT | 692.500 | 0.0 | 1700.000 | 692.300 | 0.0 | 1800.000 | 692.100 | 0.0 | 1894.000 | 692.500 |
| BT | 690.900 | 2079.000 | 692.500 | 690.800 | 2100.000 | 692.400 | 0.0 | 2200.000 | 692.300 | 0.0 |
| BT | 2300.000 | 692.600 | 0.0 | 2400.000 | 692.700 | 0.0 | 2500.000 | 694.100 | 0.0 | 2600.000 |
| BT | 699.500 | 0.0 | 2700.000 | 705.800 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|-----------|----------|---------|-----|-----|-----|
| X1 | 131411.000 | 0.0 | 0.0 | 0.0 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| BT | 5.000 | 3800.000 | 5900.000 | 7200.000 | 10900.000 | 7200.000 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|-----------|-----------|-----------|----------|---------|----------|
| X1 | 143160.000 | 20.000 | 2060.000 | 2106.000 | 11749.000 | 11749.000 | 11749.000 | 0.0 | -2.600 | 0.0 |
| GR | 700.900 | 1000.000 | 693.400 | 1100.000 | 686.700 | 1200.000 | 683.700 | 1300.000 | 684.000 | 1400.000 |
| GR | 684.200 | 1500.000 | 683.800 | 1600.000 | 684.600 | 1700.000 | 684.800 | 1800.000 | 685.000 | 1900.000 |
| GR | 684.700 | 2000.000 | 685.300 | 2060.000 | 680.000 | 2083.000 | 681.100 | 2100.000 | 685.500 | 2106.000 |
| GR | 685.600 | 2200.000 | 686.400 | 2300.000 | 691.500 | 2400.000 | 696.200 | 2500.000 | 700.400 | 2600.000 |

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|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 143260.000 | 24.000 | 2794.500 | 2966.500 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 709.200 | 1000.000 | 698.600 | 1200.000 | 694.900 | 1500.000 | 692.500 | 1800.000 | 692.200 | 2100.000 |
| GR | 691.700 | 2700.000 | 688.500 | 2794.500 | 688.400 | 2797.500 | 686.400 | 2801.500 | 684.900 | 2828.000 |
| GR | 684.800 | 2863.000 | 684.800 | 2870.100 | 680.900 | 2875.400 | 678.700 | 2898.000 | 679.700 | 2910.500 |
| GR | 684.900 | 2933.000 | 685.800 | 2957.100 | 688.400 | 2962.400 | 688.400 | 2966.500 | 691.500 | 3000.000 |
| GR | 691.900 | 3200.000 | 694.100 | 3300.000 | 693.400 | 3400.000 | 705.600 | 3700.000 | 0.0 | 0.0 |
| SB | 1.050 | 1.500 | 2.500 | 0.0 | 172.000 | 8.300 | 928.000 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 143282.000 | 0.0 | 0.0 | 0.0 | 22.000 | 22.000 | 22.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 689.500 | 691.500 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 20.000 | 1000.000 | 709.200 | 0.0 | 1200.000 | 698.600 | 0.0 | 1500.000 | 694.900 | 0.0 |
| BT | 1800.000 | 692.500 | 0.0 | 2000.000 | 692.000 | 0.0 | 2100.000 | 692.200 | 0.0 | 2200.000 |
| BT | 692.200 | 0.0 | 2300.000 | 692.100 | 0.0 | 2400.000 | 691.900 | 0.0 | 2500.000 | 691.700 |
| BT | 0.0 | 2600.000 | 691.600 | 0.0 | 2700.000 | 691.700 | 0.0 | 2794.500 | 691.800 | 689.500 |
| BT | 2966.500 | 691.800 | 689.500 | 3000.000 | 691.500 | 0.0 | 3100.000 | 691.600 | 0.0 | 3200.000 |
| BT | 691.900 | 0.0 | 3300.000 | 694.100 | 0.0 | 3400.000 | 693.400 | 0.0 | 3700.000 | 705.600 |
| BT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|-----------|----------|---------|----------|---------|----------|
| X1 | 143382.000 | 20.000 | 2060.000 | 2106.000 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 700.900 | 1000.000 | 693.400 | 1100.000 | 688.700 | 1200.000 | 683.700 | 1300.000 | 684.000 | 1400.000 |
| GR | 684.200 | 1500.000 | 683.800 | 1600.000 | 684.600 | 1700.000 | 684.800 | 1800.000 | 685.000 | 1900.000 |
| GR | 684.700 | 2000.000 | 685.300 | 2060.000 | 680.000 | 2083.000 | 681.100 | 2100.000 | 685.500 | 2106.000 |
| GR | 685.600 | 2200.000 | 686.400 | 2300.000 | 691.500 | 2400.000 | 696.200 | 2500.000 | 700.400 | 2600.000 |
| QT | 5.000 | 3700.000 | 5700.000 | 7000.000 | 10500.000 | 7000.000 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 147275.000 | 16.000 | 1119.000 | 1152.000 | 3893.000 | 3893.000 | 3893.000 | 0.0 | 0.0 | 0.0 |
| GR | 705.600 | 1000.000 | 690.300 | 1100.000 | 690.500 | 1119.000 | 684.300 | 1136.000 | 690.600 | 1152.000 |
| GR | 691.300 | 1200.000 | 691.000 | 1300.000 | 690.800 | 1400.000 | 690.500 | 1500.000 | 690.000 | 1600.000 |
| GR | 689.900 | 1700.000 | 689.700 | 1800.000 | 690.000 | 1900.000 | 689.800 | 2000.000 | 690.100 | 2054.000 |
| GR | 701.500 | 2200.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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| X1 | 152275.000 | 11.000 | 1362.000 | 1401.000 | 5000.000 | 5000.000 | 5000.000 | 0.0 | 0.0 | 0.0 |
| GR | 714.300 | 1000.000 | 707.400 | 1100.000 | 700.900 | 1200.000 | 698.600 | 1242.000 | 697.800 | 1300.000 |
| GR | 698.500 | 1362.000 | 690.600 | 1381.000 | 698.700 | 1401.000 | 697.600 | 1500.000 | 704.900 | 1600.000 |
| GR | 714.300 | 1671.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| QT | 5.000 | 3420.000 | 5400.000 | 6800.000 | 10100.000 | 6800.000 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 156790.000 | 14.000 | 1595.000 | 1630.000 | 4515.000 | 4515.000 | 4515.000 | 0.0 | 0.0 | 0.0 |
| GR | 722.300 | 1000.000 | 718.700 | 1100.000 | 716.500 | 1200.000 | 709.800 | 1300.000 | 706.300 | 1400.000 |
| GR | 705.100 | 1500.000 | 706.400 | 1595.000 | 696.800 | 1614.000 | 706.400 | 1630.000 | 705.800 | 1700.000 |
| GR | 705.500 | 1800.000 | 705.700 | 1900.000 | 705.000 | 2000.000 | 717.600 | 2100.000 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|---------|----------|----------|----------|---------|----------|
| X1 | 156890.000 | 18.000 | 1701.300 | 1848.700 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 725.900 | 1000.000 | 724.600 | 1100.000 | 724.200 | 1107.000 | 713.800 | 1400.000 | 706.300 | 1600.000 |
| GR | 794.800 | 1701.300 | 703.900 | 1730.000 | 706.100 | 1756.100 | 699.000 | 1760.000 | 698.500 | 1788.300 |
| GR | 705.300 | 1790.000 | 702.400 | 1820.000 | 702.700 | 1827.000 | 707.800 | 1848.700 | 713.000 | 2000.000 |
| GR | 719.100 | 2175.000 | 723.400 | 2300.000 | 727.100 | 2400.000 | 0.0 | 0.0 | 0.0 | 0.0 |
| SB | 1.250 | 1.500 | 2.500 | 0.0 | 147.400 | 14.000 | 1091.000 | 0.0 | 0.0 | 0.0 |

RDDO HCSR 1800

MXLCEL 711.1

RDELV 713.1

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|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 156910.000 | 0.0 | 0.0 | 0.0 | 20.000 | 20.000 | 20.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 711.100 | 712.700 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 15.000 | 1000.000 | 728.900 | 0.0 | 1100.000 | 724.600 | 0.0 | 1200.000 | 721.000 | 0.0 |
| BT | 1307.000 | 717.700 | 0.0 | 1400.000 | 715.300 | 0.0 | 1500.000 | 714.000 | 0.0 | 1600.000 |
| BT | 712.700 | 0.0 | 1700.000 | 713.200 | 0.0 | 1701.300 | 713.100 | 711.100 | 1848.700 | 713.200 |
| BT | 711.100 | 1900.000 | 713.100 | 0.0 | 2000.000 | 713.000 | 0.0 | 2200.000 | 720.000 | 0.0 |
| BT | 2300.000 | 723.400 | 0.0 | 2400.000 | 727.100 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|-----------|----------|---------|----------|---------|----------|
| X1 | 157010.000 | 14.000 | 1595.000 | 1630.000 | 100.000 | 100.000 | 100.000 | 0.0 | 3.400 | 0.0 |
| GR | 722.300 | 1000.000 | 718.700 | 1100.000 | 716.500 | 1200.000 | 709.800 | 1300.000 | 706.300 | 1400.000 |
| GR | 705.100 | 1500.000 | 706.400 | 1595.000 | 696.800 | 1614.000 | 706.400 | 1630.000 | 705.800 | 1700.000 |
| GR | 705.500 | 1800.000 | 705.700 | 1900.000 | 705.000 | 2000.000 | 717.600 | 2100.000 | 0.0 | 0.0 |
| QT | 5.000 | 3400.000 | 5500.000 | 6700.000 | 10000.000 | 6700.000 | 0.0 | 0.0 | 0.0 | 0.0 |

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|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 150625.000 | 15.000 | 1583.000 | 1327.000 | 3615.000 | 3615.000 | 3615.000 | 0.0 | 0.0 | 0.0 |
| GR | 729.700 | 1000.000 | 719.900 | 1100.000 | 713.200 | 1200.000 | 713.600 | 1283.000 | 705.200 | 1304.000 |
| GR | 714.100 | 1327.000 | 712.500 | 1400.000 | 712.800 | 1500.000 | 713.100 | 1600.000 | 714.300 | 1700.000 |
| GR | 718.000 | 1800.000 | 721.400 | 1900.000 | 730.500 | 2000.000 | 0.0 | 0.0 | 0.0 | 0.0 |
| EJ | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

*PROF 1

CCHV= 0.100 CEHV= 0.300

*SECNO 119275.000

| SECNO | DEPTH | CWSFL | CRWS | WSELK | EG | HV | HL | LOSS | BANK ELEV |
|-----------|-------|--------|-------|--------|--------|-------|-------|--------|------------|
| Q | QLOB | QCH | QROB | ALOB | ACH | AROB | VOL | TWA | LEFT/RIGHT |
| TIME | VLOB | VCH | VROB | XNL | XNCH | XNR | WTN | ELMIN | SSTA |
| SLOPE | XLOBL | XLCH | XLOBR | ITRIAL | JDC | ICONT | CORAR | TOPWID | ENDST |
| 119275.00 | 11.21 | 656.01 | 0.0 | 656.01 | 656.30 | 0.29 | 0.0 | 0.0 | 652.20 |
| 5190. | 2475. | 1701. | 1014. | 840. | 269. | 420. | 0. | 0. | 653.10 |
| 0.0 | 2.94 | 6.33 | 2.41 | 0.043 | 0.028 | 0.043 | 0.0 | 644.80 | 1074.31 |
| 0.001128 | 3242. | 3242. | 3242. | 0 | 0 | 0 | 0.0 | 398.34 | 1472.65 |

*SECNO 122075.000

| | | | | | | | | | |
|-----------|-------|--------|-------|-------|--------|-------|-------|--------|---------|
| 122075.00 | 11.29 | 658.99 | 0.0 | 0.0 | 659.27 | 0.29 | 2.98 | 0.00 | 655.80 |
| 5190. | 2861. | 2243. | 86. | 1123. | 383. | 60. | 99. | 26. | 657.40 |
| 0.20 | 2.55 | 5.86 | 1.45 | 0.043 | 0.028 | 0.043 | 0.028 | 647.70 | 1085.65 |
| 0.001004 | 2800. | 2800. | 2800. | 1 | 0 | 0 | 0.0 | 424.62 | 1510.27 |

*SECNO 123725.000

3301 HV CHANGED MORE THAN HVTHS

| | | | | | | | | | |
|-----------|-------|--------|-------|-------|--------|-------|-------|--------|---------|
| 123725.00 | 11.64 | 660.84 | 0.0 | 0.0 | 661.63 | 0.79 | 2.21 | 0.15 | 656.40 |
| 5180. | 1443. | 3697. | 0. | 411. | 454. | 0. | 145. | 38. | 662.70 |
| 0.26 | 3.61 | 8.14 | 0.0 | 0.043 | 0.028 | 0.043 | 0.023 | 649.20 | 1153.67 |
| 0.001869 | 1650. | 1650. | 1650. | 2 | 0 | 0 | 0.0 | 183.36 | 1337.04 |

*SECNO 123983.000

| | | | | | | | | | |
|-----------|-------|--------|------|-------|--------|-------|-------|--------|--------|
| 123983.00 | 11.40 | 661.40 | 0.0 | 0.0 | 662.05 | 0.65 | 0.40 | 0.01 | 655.10 |
| 5180. | 1439. | 3500. | 241. | 516. | 458. | 102. | 151. | 39. | 656.20 |
| 0.28 | 2.79 | 7.64 | 2.37 | 0.043 | 0.028 | 0.043 | 0.028 | 650.00 | 358.68 |
| 0.001325 | 258. | 258. | 258. | 2 | 0 | 0 | 0.0 | 280.45 | 639.11 |

*SECNO 124233.000

3301 HV CHANGED MORE THAN HVTHS

| SECNO | DEPTH | CWSFL | CRWS | WSELK | EG | HV | HL | LOSS | BANK ELEV |
|-----------|-------|--------|-------|--------|--------|-------|-------|--------|------------|
| Q | QLOB | QCH | QROB | ALOB | ACH | AROB | VOL | TWA | LEFT/RIGHT |
| TIME | VLOB | VCH | VROB | XNL | XNCH | XNR | WTN | ELMIN | SSTA |
| SLOPE | XLOBL | XLCH | XLOBR | ITRIAL | JDC | ICONT | CORAR | TOPWID | ENDST |
| 124233.00 | 8.10 | 662.10 | 0.0 | 0.0 | 662.17 | 0.07 | 0.06 | 0.06 | 654.00 |
| 5180. | 168. | 4891. | 121. | 170. | 2276. | 142. | 162. | 41. | 654.00 |
| 0.31 | 0.99 | 2.15 | 0.86 | 0.043 | 0.028 | 0.043 | 0.028 | 654.00 | 1575.66 |
| 0.000101 | 250. | 250. | 250. | 2 | 0 | 0 | 0.0 | 359.53 | 1435.19 |

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

T1 DAVIDSON COUNTY BASIN E STREAM 1 ABBOTTS CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

| J1 | ICHECK | INQ | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FQ |
|----|--------|-------|--------|-------|-------|--------|-------|-----|---------|--------|
| | -10. | 3. | 0. | 0. | 0.0 | 0.0 | 0.0 | 0. | 657.720 | 0.0 |
| J2 | NPROF | IPL0T | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE |
| | 2.000 | 0.0 | -1.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

*PROF 2

CCHV= 0.100 CCHV= 0.300

*SECNO 119275.000

| SECNO | DEPTH | WSEL | CRTWS | WSELK | EG | HV | HL | LOSS | BANK ELEV |
|-----------|-------|--------|-------|--------|--------|-------|-------|--------|------------|
| Q | QLOB | SCH | OROB | ALOB | ACH | AROB | VOL | TWA | LEFT/RIGHT |
| TIME | VLOB | VCH | VROB | XNL | XNCH | XNR | WTN | ELMIN | SSTA |
| SLOPE | XLOBL | XLCH | XLOBR | ITRIAL | IDC | ICONT | CORAR | TOPWID | ENDST |
| 119275.00 | 12.92 | 657.72 | 0.0 | 657.72 | 658.04 | 0.32 | 0.0 | 0.0 | 652.20 |
| 8490. | 4207. | 2257. | 1996. | 1215. | 332. | 698. | 0. | 0. | 653.10 |
| 0.0 | 3.46 | 6.88 | 2.86 | 0.043 | 0.028 | 0.043 | 0.0 | 644.80 | 1063.62 |
| 0.001007 | 3242. | 3242. | 3242. | 0 | 0 | 0 | 0.0 | 438.54 | 1502.17 |

*SECNO 122075.000

| | | | | | | | | | |
|-----------|-------|--------|-------|-------|--------|-------|-------|--------|---------|
| 122075.00 | 12.79 | 660.49 | 0.0 | 0.0 | 660.84 | 0.34 | 2.79 | 0.01 | 655.80 |
| 8490. | 5124. | 3094. | 272. | 1621. | 466. | 128. | 143. | 28. | 657.40 |
| 0.12 | 3.16 | 6.63 | 2.12 | 0.043 | 0.028 | 0.043 | 0.028 | 647.70 | 1074.87 |
| 0.000987 | 2800. | 2800. | 2800. | 2 | 0 | 0 | 0.0 | 444.47 | 1519.34 |

*SECNO 123725.000

3301 HV CHANGED MORE THAN HVTS

| | | | | | | | | | |
|-----------|-------|--------|-------|-------|--------|-------|-------|--------|---------|
| 123725.00 | 13.13 | 662.33 | 0.0 | 0.0 | 663.49 | 1.16 | 2.41 | 0.24 | 656.40 |
| 8480. | 2901. | 5579. | 0. | 599. | 554. | 0. | 207. | 41. | 662.70 |
| 0.23 | 4.84 | 10.07 | 0.0 | 0.043 | 0.028 | 0.043 | 0.028 | 649.20 | 1137.36 |
| 0.002377 | 1650. | 1650. | 1650. | 2 | 0 | 0 | 0.0 | 203.65 | 1341.02 |

*SECNO 123983.000

| | | | | | | | | | |
|-----------|-------|--------|------|-------|--------|-------|-------|--------|--------|
| 123983.00 | 13.23 | 663.23 | 0.0 | 0.0 | 663.98 | 0.74 | 0.45 | 0.04 | 655.10 |
| 8480. | 3100. | 4846. | 535. | 894. | 559. | 186. | 215. | 42. | 656.20 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.043 | 0.028 | 0.043 | 0.028 | 650.00 | 318.81 |

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

T1 DAVIDSON COUNTY BASIN E STREAM 1 ABBOTTS CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB #6918
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

| | | | | | | | | | | |
|----|--------|-------|--------|-------|-------|--------|-------|-----|---------|--------|
| J1 | ICHECK | INO | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FO |
| | -10. | 4. | 0. | 0. | 0.0 | 0.0 | 0.0 | 0. | 658.720 | 0.0 |
| J2 | NPROF | IPL0T | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE |
| | 3.000 | 0.0 | -1.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

*PROF 3

CCHV= 0.100 CEHV= 0.300

*SECNO 119275.000

| SECNO | DEPTH | CWSEL | CRINS | WSELK | EG | HV | HL | QLOSS | BANK ELEV |
|-----------|-------|--------|-------|--------|--------|-------|-------|--------|------------|
| Q | QLOB | QCH | QROB | ALOB | ACH | AROB | VOL | TWA | LEFT/RIGHT |
| TIME | VLOB | VCH | VROB | XNL | XNCH | XNR | WTN | ELMIN | SSTA |
| SLOPF | XLOBL | YLOF | XLOBR | ITRIAL | IDC | ICONT | CORAR | TOPWID | ENDST |
| 119275.00 | 13.92 | 658.72 | 0.0 | 658.72 | 659.05 | 0.33 | 0.0 | 0.0 | 652.20 |
| 10590. | 5241. | 2601. | 2728. | 1443. | 369. | 901. | 0. | 0. | 653.10 |
| 0.0 | 3.65 | 7.05 | 3.03 | 0.043 | 0.028 | 0.043 | 0.0 | 644.80 | 1057.37 |
| 0.000916 | 3242. | 3242. | 3242. | 0 | 0 | 0 | 0.0 | 510.52 | 1567.89 |

*SECNO 122075.000

| | | | | | | | | | |
|-----------|-------|--------|-------|-------|--------|-------|-------|--------|---------|
| 122075.00 | 13.63 | 661.32 | 0.0 | 0.0 | 661.70 | 0.38 | 2.64 | 0.01 | 655.80 |
| 10590. | 6578. | 3595. | 416. | 1905. | 513. | 172. | 170. | 31. | 657.40 |
| 0.17 | 3.45 | 7.01 | 2.42 | 0.043 | 0.028 | 0.043 | 0.028 | 647.70 | 1068.89 |
| 0.000970 | 2800. | 2800. | 2800. | 2 | 0 | 0 | 0.0 | 455.49 | 1524.38 |

*SECNO 123725.000

3301 HV CHANGED MORE THAN HVINS

| | | | | | | | | | |
|-----------|-------|--------|-------|-------|--------|-------|-------|--------|---------|
| 123725.00 | 13.89 | 663.09 | 0.0 | 0.0 | 664.48 | 1.39 | 2.47 | 0.30 | 656.40 |
| 10580. | 3833. | 6741. | 7. | 705. | 607. | 11. | 245. | 45. | 662.70 |
| 0.22 | 5.44 | 11.11 | 0.59 | 0.043 | 0.028 | 0.043 | 0.028 | 649.20 | 1129.08 |
| 0.002611 | 1650. | 1650. | 1650. | 2 | 0 | 0 | 0.0 | 269.38 | 1398.46 |

*SECNO 123983.000

3301 HV CHANGED MORE THAN HVINS

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50.51.52

T1 DAVIDSON COUNTY BASIN E STREAM 1 ABBOTTS CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB #6918
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

| J1 | ICHECK | ING | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FQ |
|----|--------|-------|--------|-------|-------|--------|-------|-----|---------|--------|
| | -10. | 5. | 0. | 0. | 0.0 | 0.0 | 0.0 | 0. | 660.860 | 0.0 |
| J2 | MPROF | IPIOT | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE |
| | 15.000 | 0.0 | -1.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

*PROF 4

CCHV= 0.100 CEHV= 0.300

*SECNO 119275.000

| SECNO | DEPTH | CWSFL | CRTWS | WSELK | EG | HV | HL | LOSS | BANK ELEV |
|-----------|-------|--------|-------|--------|--------|-------|-------|--------|------------|
| Q | QLOB | QCH | QROB | ALOB | ACH | AROB | VOL | TWA | LEFT/RIGHT |
| TIME | VLOB | VCH | VROB | XNL | XNCH | XNR | WTN | ELMIN | SSTA |
| SLOPE | YLOBL | XLCH | XLOBR | ITRIAL | IDC | ICONT | CORAR | TOPWID | ENDST |
| 119275.00 | 16.06 | 660.86 | 0.0 | 660.86 | 661.17 | 0.31 | 0.0 | 0.0 | 652.20 |
| 15090. | 7322. | 3125. | 4642. | 1950. | 448. | 1512. | 0. | 0. | 653.10 |
| 0.0 | 3.75 | 6.97 | 3.07 | 0.043 | 0.028 | 0.043 | 0.0 | 644.80 | 1044.00 |
| 0.000692 | 3242. | 3242. | 3242. | 0 | 0 | 0 | 0.0 | 588.33 | 1632.33 |

*SECNO 122075.000

| | | | | | | | | | |
|-----------|-------|--------|-------|-------|--------|-------|-------|--------|---------|
| 122075.00 | 15.28 | 662.98 | 0.0 | 0.0 | 663.41 | 0.43 | 2.21 | 0.04 | 655.80 |
| 15090. | 9722. | 4590. | 778. | 2485. | 606. | 272. | 234. | 34. | 657.40 |
| 0.16 | 3.91 | 7.58 | 2.86 | 0.043 | 0.028 | 0.043 | 0.028 | 647.70 | 1056.96 |
| 0.000908 | 2800. | 2800. | 2800. | 2 | 0 | 0 | 0.0 | 477.46 | 1534.42 |

*SECNO 123725.000

3301 HV CHANGED MORE THAN HVINS

| | | | | | | | | | |
|-----------|-------|--------|-------|-------|--------|-------|-------|--------|---------|
| 123725.00 | 15.30 | 664.50 | 0.0 | 0.0 | 666.25 | 1.75 | 2.44 | 0.40 | 656.40 |
| 15080. | 5787. | 9005. | 288. | 917. | 706. | 131. | 331. | 50. | 662.70 |
| 0.20 | 6.31 | 12.76 | 2.20 | 0.043 | 0.028 | 0.043 | 0.028 | 649.20 | 1113.66 |
| 0.002818 | 1650. | 1650. | 1650. | 2 | 0 | 0 | 0.0 | 340.20 | 1453.86 |

*SECNO 123983.000

3301 HV CHANGED MORE THAN HVINS

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

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

10 YEAR FLOOD WATER SURF

SUMMARY PRINTOUT

| SECNO | XLCH | ELTRD | ELLC | Q | ELMIN | CWSEL | CRWS | VCH | SSTA | ENDST | AREA | DIFWSP |
|------------|---------|--------|--------|----------|--------|--------|------|-------|---------|---------|----------|--------|
| 119275.000 | 3242.00 | 0.0 | 0.0 | 5190.00 | 644.80 | 656.01 | 0.0 | 6.33 | 1074.31 | 1472.65 | 1529.33 | 0.0 |
| 119275.000 | 3242.00 | 0.0 | 0.0 | 8490.00 | 644.80 | 657.72 | 0.0 | 6.88 | 1063.62 | 1502.17 | 2244.95 | 1.71 |
| 119275.000 | 3242.00 | 0.0 | 0.0 | 10590.00 | 644.80 | 658.72 | 0.0 | 7.05 | 1057.37 | 1567.89 | 2712.70 | 1.00 |
| 119275.000 | 3242.00 | 0.0 | 0.0 | 15090.00 | 644.80 | 660.86 | 0.0 | 6.97 | 1044.00 | 1632.33 | 3910.53 | 2.14 |
| 122075.000 | 2800.00 | 0.0 | 0.0 | 5190.00 | 647.70 | 658.99 | 0.0 | 5.86 | 1085.65 | 1510.27 | 1564.80 | 0.0 |
| 122075.000 | 2800.00 | 0.0 | 0.0 | 8490.00 | 647.70 | 660.49 | 0.0 | 6.63 | 1074.87 | 1519.34 | 2215.99 | 1.51 |
| 122075.000 | 2800.00 | 0.0 | 0.0 | 10590.00 | 647.70 | 661.32 | 0.0 | 7.01 | 1068.89 | 1524.38 | 2590.14 | 0.83 |
| 122075.000 | 2800.00 | 0.0 | 0.0 | 15090.00 | 647.70 | 662.98 | 0.0 | 7.58 | 1056.96 | 1534.42 | 3363.66 | 1.66 |
| 123725.000 | 1650.00 | 0.0 | 0.0 | 5180.00 | 649.20 | 660.84 | 0.0 | 8.14 | 1153.67 | 1337.04 | 864.53 | 0.0 |
| 123725.000 | 1650.00 | 0.0 | 0.0 | 8480.00 | 649.20 | 662.33 | 0.0 | 10.07 | 1137.36 | 1341.02 | 1153.31 | 1.49 |
| 123725.000 | 1650.00 | 0.0 | 0.0 | 10580.00 | 649.20 | 663.09 | 0.0 | 11.11 | 1129.08 | 1398.46 | 1322.40 | 0.76 |
| 123725.000 | 1650.00 | 0.0 | 0.0 | 15080.00 | 649.20 | 664.50 | 0.0 | 12.76 | 1113.66 | 1453.86 | 1753.26 | 1.41 |
| 123983.000 | 258.00 | 0.0 | 0.0 | 5190.00 | 650.00 | 661.40 | 0.0 | 7.64 | 358.66 | 639.11 | 1075.50 | 0.0 |
| 123983.000 | 258.00 | 0.0 | 0.0 | 8480.00 | 650.00 | 663.23 | 0.0 | 8.67 | 318.81 | 652.89 | 1638.69 | 1.84 |
| 123983.000 | 258.00 | 0.0 | 0.0 | 10580.00 | 650.00 | 664.21 | 0.0 | 9.12 | 296.52 | 660.23 | 1978.98 | 0.98 |
| 123983.000 | 258.00 | 0.0 | 0.0 | 15080.00 | 650.00 | 665.96 | 0.0 | 9.86 | 242.05 | 673.34 | 2671.82 | 1.74 |
| 124233.000 | 250.00 | 0.0 | 0.0 | 5180.00 | 654.00 | 662.10 | 0.0 | 2.15 | 1575.66 | 1935.19 | 2587.97 | 0.0 |
| 124233.000 | 250.00 | 0.0 | 0.0 | 8480.00 | 654.00 | 664.00 | 0.0 | 2.81 | 1565.61 | 1943.98 | 3288.86 | 1.90 |
| 124233.000 | 250.00 | 0.0 | 0.0 | 10580.00 | 654.00 | 664.99 | 0.0 | 3.17 | 1560.36 | 1948.58 | 3669.26 | 0.99 |
| 124233.000 | 250.00 | 0.0 | 0.0 | 15080.00 | 654.00 | 666.74 | 0.0 | 3.85 | 1551.11 | 1956.67 | 4363.08 | 1.75 |
| 124267.000 | 34.00 | 694.50 | 655.00 | 5180.00 | 654.00 | 687.70 | 0.0 | 0.43 | 1440.81 | 2052.99 | 15038.05 | 0.0 |
| 124267.000 | 34.00 | 694.50 | 655.00 | 8480.00 | 654.00 | 689.20 | 0.0 | 0.67 | 1432.96 | 2059.84 | 15967.35 | 1.50 |
| 124267.000 | 34.00 | 694.50 | 655.00 | 10580.00 | 654.00 | 690.03 | 0.0 | 0.81 | 1428.60 | 2063.64 | 16492.48 | 0.83 |
| 124267.000 | 34.00 | 694.50 | 655.00 | 15080.00 | 654.00 | 691.65 | 0.0 | 1.09 | 1420.14 | 2071.02 | 17531.81 | 1.62 |
| 124317.000 | 50.00 | 0.0 | 0.0 | 5180.00 | 648.90 | 687.70 | 0.0 | 0.46 | 0.0 | 769.00 | 18119.38 | 0.0 |
| 124317.000 | 50.00 | 0.0 | 0.0 | 8480.00 | 648.90 | 689.20 | 0.0 | 0.71 | 0.0 | 769.00 | 19270.81 | 1.50 |
| 124317.000 | 50.00 | 0.0 | 0.0 | 10580.00 | 648.90 | 690.03 | 0.0 | 0.85 | 0.0 | 769.00 | 19909.14 | 0.83 |
| 124317.000 | 50.00 | 0.0 | 0.0 | 15080.00 | 648.90 | 691.65 | 0.0 | 1.14 | 0.0 | 769.00 | 21153.51 | 1.62 |
| 130155 | | | | | | | | | | | | |
| 131190.000 | 6873.00 | 0.0 | 0.0 | 5175.00 | 659.90 | 687.69 | 0.0 | 1.78 | 1893.04 | 2074.26 | 2900.52 | 0.0 |
| 131190.000 | 6873.00 | 0.0 | 0.0 | 8475.00 | 659.90 | 689.17 | 0.0 | 2.66 | 1868.46 | 2082.59 | 3188.57 | 1.48 |
| 131190.000 | 6873.00 | 0.0 | 0.0 | 10575.00 | 659.90 | 689.98 | 0.0 | 3.16 | 1849.43 | 2086.98 | 3372.72 | 0.82 |
| 131190.000 | 6873.00 | 0.0 | 0.0 | 15075.00 | 659.90 | 691.57 | 0.0 | 4.11 | 1812.45 | 2095.51 | 3785.16 | 1.58 |

AE

| | SECNO | YLCH | ELTRD | ELLC | Q | ELMIN | CWSEL | CRISWS | VCH | SSTA | ENDST | AREA | DIFWSP |
|----|------------|----------|--------|--------|----------|--------|--------|--------|-------|---------|---------|----------|--------|
| | 120200 | | | | | | | | | | | | |
| | 131290.000 | 100.00 | n.0 | 0.0 | 5175.00 | 659.90 | 687.69 | 0.0 | 1.78 | 1893.04 | 2074.27 | 2900.78 | 0.0 |
| | 131290.000 | 100.00 | n.0 | 0.0 | 8475.00 | 659.90 | 689.17 | 0.0 | 2.66 | 1868.33 | 2082.60 | 3189.30 | 1.48 |
| | 131290.000 | 100.00 | n.0 | 0.0 | 10575.00 | 659.90 | 689.99 | 0.0 | 3.16 | 1849.33 | 2087.00 | 3373.77 | 0.82 |
| | 131290.000 | 100.00 | n.0 | 0.0 | 15075.00 | 659.90 | 691.58 | 0.0 | 4.11 | 1812.30 | 2095.55 | 3787.03 | 1.59 |
| | 130271 | | | | | | | | | | | | |
| | 131311.000 | 21.00 | 692.10 | 690.90 | 5175.00 | 659.90 | 687.69 | 0.0 | 1.78 | 1893.02 | 2074.30 | 2901.58 | 0.0 |
| | 131311.000 | 21.00 | 692.10 | 690.90 | 8475.00 | 659.90 | 689.18 | 0.0 | 2.66 | 1868.14 | 2082.66 | 3191.50 | 1.49 |
| | 131311.000 | 21.00 | 692.10 | 690.90 | 10575.00 | 659.90 | 690.00 | 0.0 | 3.16 | 1848.98 | 2087.08 | 3377.25 | 0.82 |
| | 131311.000 | 21.00 | 692.10 | 690.90 | 15075.00 | 659.90 | 691.84 | 0.0 | 4.05 | 1806.15 | 2096.96 | 3862.66 | 1.84 |
| | 130371 | | | | | | | | | | | | |
| | 131411.000 | 100.00 | n.0 | 0.0 | 5175.00 | 659.90 | 687.70 | 0.0 | 1.78 | 1893.01 | 2074.31 | 2902.11 | 0.0 |
| AF | 131411.000 | 100.00 | n.0 | 0.0 | 8475.00 | 659.90 | 689.19 | 0.0 | 2.66 | 1867.99 | 2082.69 | 3192.86 | 1.49 |
| | 131411.000 | 100.00 | n.0 | 0.0 | 10575.00 | 659.90 | 690.01 | 0.0 | 3.16 | 1848.79 | 2087.13 | 3379.29 | 0.82 |
| | 131411.000 | 100.00 | n.0 | 0.0 | 15075.00 | 659.90 | 691.85 | 0.0 | 4.05 | 1805.87 | 2097.03 | 3866.20 | 1.84 |
| | 143160.000 | 11749.00 | n.0 | 0.0 | 3800.00 | 677.40 | 688.06 | 0.0 | 1.05 | 1158.49 | 2383.35 | 6742.14 | 0.0 |
| | 143160.000 | 11749.00 | n.0 | 0.0 | 5900.00 | 677.40 | 689.77 | 0.0 | 1.20 | 1121.87 | 2418.55 | 8911.36 | 1.71 |
| AG | 143160.000 | 11749.00 | n.0 | 0.0 | 7200.00 | 677.40 | 690.71 | 0.0 | 1.27 | 1101.91 | 2438.51 | 10146.32 | 0.94 |
| | 143160.000 | 11749.00 | n.0 | 0.0 | 10900.00 | 677.40 | 692.76 | 0.0 | 1.48 | 1073.92 | 2482.04 | 12954.47 | 2.05 |
| | 142280 | | | | | | | | | | | | |
| | 143260.000 | 100.00 | n.0 | 0.0 | 3800.00 | 678.70 | 687.72 | 0.0 | 5.64 | 2798.84 | 2961.03 | 673.35 | 0.0 |
| | 143260.000 | 100.00 | n.0 | 0.0 | 5900.00 | 678.70 | 689.37 | 0.0 | 6.20 | 2768.75 | 2977.00 | 966.48 | 1.64 |
| AG | 143260.000 | 100.00 | n.0 | 0.0 | 7200.00 | 678.70 | 690.28 | 0.0 | 6.44 | 2741.92 | 2986.82 | 1172.31 | 0.91 |
| | 143260.000 | 100.00 | n.0 | 0.0 | 10900.00 | 678.70 | 692.27 | 0.0 | 7.01 | 2023.02 | 3217.14 | 2051.31 | 2.00 |
| | 142280 | | | | | | | | | | | | |
| | 143282.000 | 22.00 | 691.50 | 689.50 | 3800.00 | 678.70 | 687.77 | 0.0 | 5.58 | 2798.75 | 2961.13 | 680.87 | 0.0 |
| | 143282.000 | 22.00 | 691.50 | 689.50 | 5900.00 | 678.70 | 689.80 | 0.0 | 5.72 | 2755.94 | 2981.73 | 1061.36 | 2.03 |
| AH | 143282.000 | 22.00 | 691.50 | 689.50 | 7200.00 | 678.70 | 691.19 | 0.0 | 5.56 | 2714.87 | 2996.72 | 1413.57 | 1.39 |
| | 143282.000 | 22.00 | 691.50 | 689.50 | 10900.00 | 678.70 | 692.57 | 0.0 | 6.55 | 1790.86 | 3230.61 | 2448.68 | 1.38 |
| | 143382.000 | 100.00 | n.0 | 0.0 | 3800.00 | 680.00 | 688.32 | 0.0 | 1.91 | 1207.69 | 2337.55 | 3992.40 | 0.0 |
| | 143382.000 | 100.00 | n.0 | 0.0 | 5900.00 | 680.00 | 690.36 | 0.0 | 1.73 | 1164.60 | 2377.64 | 6387.11 | 2.04 |
| AI | 143382.000 | 100.00 | n.0 | 0.0 | 7200.00 | 680.00 | 691.70 | 0.0 | 1.63 | 1136.06 | 2404.36 | 8055.82 | 1.35 |
| | 143382.000 | 100.00 | n.0 | 0.0 | 10900.00 | 680.00 | 693.23 | 0.0 | 1.94 | 1103.70 | 2436.72 | 10034.13 | 1.52 |
| | 147275.000 | 3893.00 | n.0 | 0.0 | 3700.00 | 684.30 | 691.29 | 691.29 | 9.08 | 1093.53 | 2069.24 | 1032.23 | 0.0 |
| | 147275.000 | 3893.00 | n.0 | 0.0 | 5700.00 | 684.30 | 691.62 | 691.62 | 10.45 | 1091.38 | 2073.45 | 1354.12 | 0.33 |
| AI | 147275.000 | 3893.00 | n.0 | 0.0 | 7000.00 | 684.30 | 692.00 | 0.0 | 9.63 | 1088.85 | 2078.41 | 1735.54 | 0.39 |
| | 147275.000 | 3893.00 | n.0 | 0.0 | 10500.00 | 684.30 | 693.70 | 0.0 | 6.32 | 1077.79 | 2100.08 | 3437.84 | 1.69 |
| | 152275.000 | 5000.00 | n.0 | 0.0 | 3700.00 | 690.60 | 701.50 | 0.0 | 5.89 | 1190.83 | 1553.37 | 1178.88 | 0.0 |
| | 152275.000 | 5000.00 | n.0 | 0.0 | 5700.00 | 690.60 | 702.61 | 0.0 | 6.60 | 1173.54 | 1568.68 | 1602.01 | 1.11 |
| | 152275.000 | 5000.00 | n.0 | 0.0 | 7000.00 | 690.60 | 703.00 | 0.0 | 7.37 | 1167.74 | 1573.93 | 1755.60 | 0.38 |
| | 152275.000 | 5000.00 | n.0 | 0.0 | 10500.00 | 690.60 | 702.87 | 701.92 | 11.40 | 1169.65 | 1572.23 | 1705.53 | -0.12 |
| | 151690 | | | | | | | | | | | | |
| | 156790.000 | 4515.00 | n.0 | 0.0 | 3420.00 | 696.80 | 707.40 | 706.93 | 6.54 | 1368.66 | 2019.02 | 1218.87 | 0.0 |
| | 156790.000 | 4515.00 | n.0 | 0.0 | 5600.00 | 696.80 | 708.34 | 707.41 | 6.69 | 1342.05 | 2026.41 | 1840.37 | 0.94 |
| AI | 156790.000 | 4515.00 | n.0 | 0.0 | 6800.00 | 696.80 | 708.88 | 0.0 | 6.52 | 1326.31 | 2030.78 | 2222.89 | 0.55 |
| | 156790.000 | 4515.00 | n.0 | 0.0 | 10100.00 | 696.80 | 710.39 | 0.0 | 6.05 | 1291.15 | 2042.78 | 3327.06 | 1.51 |
| | 156300 | | | | | | | | | | | | |
| | 156890.000 | 100.00 | n.0 | 0.0 | 3420.00 | 698.50 | 707.53 | 0.0 | 4.77 | 1567.01 | 1847.58 | 852.43 | 0.0 |
| | 156890.000 | 100.00 | n.0 | 0.0 | 5600.00 | 698.50 | 708.31 | 0.0 | 6.33 | 1546.44 | 1863.49 | 1081.20 | 0.78 |
| | 156890.000 | 100.00 | n.0 | 0.0 | 6800.00 | 698.50 | 708.77 | 0.0 | 6.87 | 1534.16 | 1876.90 | 1233.18 | 0.46 |
| | 156890.000 | 100.00 | n.0 | 0.0 | 10100.00 | 698.50 | 710.14 | 0.0 | 7.58 | 1497.40 | 1917.00 | 1758.59 | 1.37 |

| SECNO | YLCH | ELTRD | ELLC | Q | ELMIN | CWSEL | CRIWS | VCH | SSTA | ENDST | AREA | DIFWSP |
|--------------|---------|--------|--------|----------|--------|--------|--------|-------|---------|---------|---------|--------|
| 156910.000 | 20.00 | 712.70 | 711.10 | 3420.00 | 698.50 | 707.61 | 0.0 | 4.68 | 1565.12 | 1847.88 | 872.30 | 0.0 |
| 156910.000 | 20.00 | 712.70 | 711.10 | 5600.00 | 698.50 | 708.46 | 0.0 | 6.09 | 1542.29 | 1868.03 | 1131.29 | 0.86 |
| 156910.000 | 20.00 | 712.70 | 711.10 | 6800.00 | 698.50 | 708.96 | 0.0 | 6.58 | 1529.16 | 1882.35 | 1298.37 | 0.49 |
| 156910.000 | 20.00 | 712.70 | 711.10 | 10100.00 | 698.50 | 710.36 | 0.0 | 7.27 | 1491.67 | 1923.25 | 1850.07 | 1.41 |
| * 157010.000 | 100.00 | n.0 | 0.0 | 3420.00 | 700.20 | 710.40 | 710.40 | 8.39 | 1379.88 | 2015.90 | 966.28 | 0.0 |
| * 157010.000 | 100.00 | n.0 | 0.0 | 5600.00 | 700.20 | 710.80 | 710.80 | 10.67 | 1368.49 | 2019.07 | 1222.60 | 0.40 |
| * 157010.000 | 100.00 | n.0 | 0.0 | 6800.00 | 700.20 | 711.04 | 711.04 | 11.36 | 1361.84 | 2020.92 | 1375.12 | 0.23 |
| * 157010.000 | 100.00 | n.0 | 0.0 | 10100.00 | 700.20 | 711.52 | 711.52 | 13.22 | 1347.89 | 2024.79 | 1701.12 | 0.49 |
| 160625.000 | 3615.00 | n.0 | 0.0 | 3400.00 | 705.20 | 715.72 | 0.0 | 4.66 | 1162.31 | 1738.52 | 1505.33 | 0.0 |
| 160625.000 | 3615.00 | n.0 | 0.0 | 5500.00 | 705.20 | 716.82 | 0.0 | 5.07 | 1145.80 | 1768.41 | 2168.24 | 1.10 |
| 160625.000 | 3615.00 | n.0 | 0.0 | 6700.00 | 705.20 | 717.31 | 0.0 | 5.36 | 1138.65 | 1781.36 | 2471.36 | 0.48 |
| 160625.000 | 3615.00 | n.0 | 0.0 | 10000.00 | 705.20 | 718.44 | 0.0 | 5.97 | 1121.67 | 1813.17 | 3229.86 | 1.13 |

SUMMARY OF ERRORS

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

CAUTION SECNO=***** PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO=***** PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=***** PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO=***** PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO=***** PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=***** PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO=***** PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO=***** PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=***** PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO=***** PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO=***** PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=***** PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

FLOOD INSURANCE ZONE DATA FOR 10 YEAR FLOOD WATER SURF

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

| SECTION NUMBER | CUMULATIVE DISTANCE | ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND | | |
|------------------------|---------------------|---|------|------|
| | | 10r | 20 | 0.20 |
| 119275.000 | 0. | -2.7 | -1.0 | 2.1 |
| 122075.000 | 2800. | -2.3 | -0.8 | 1.7 |
| 123725.000 | 4450. | -2.3 | -0.8 | 1.4 |
| 123983.000 | 4708. | -2.0 | -1.0 | 1.7 |
| 124233.000 | 4958. | -2.9 | -1.0 | 1.7 |
| 124267.000 | 4992. | -2.3 | -0.8 | 1.6 |
| 124317.000 | 5042. | -2.3 | -0.8 | 1.6 |
| 131190.000 | 11915. | -2.3 | -0.8 | 1.6 |
| 131290.000 | 12015. | -2.3 | -0.8 | 1.6 |
| 131311.000 | 12036. | -2.3 | -0.8 | 1.8 |
| 131411.000 | 12136. | -2.3 | -0.8 | 1.8 |
| 143160.000 | 23885. | -2.7 | -0.9 | 2.0 |
| 143260.000 | 23985. | -2.6 | -0.9 | 2.0 |
| 143282.000 | 24007. | -3.4 | -1.4 | 1.4 |
| 143382.000 | 24107. | -3.4 | -1.3 | 1.5 |
| 147275.000 | 28000. | -0.7 | -0.4 | 1.7 |
| 152275.000 | 33000. | -1.5 | -0.4 | -0.1 |
| 156790.000 | 37515. | -1.5 | -0.5 | 1.5 |
| 156890.000 | 37615. | -1.2 | -0.5 | 1.4 |
| 156910.000 | 37635. | -1.3 | -0.5 | 1.4 |
| 157010.000 | 37735. | -0.6 | -0.2 | 0.5 |
| 160625.000 | 41350. | -1.6 | -0.5 | 1.1 |
| ----- | | | | |
| WEIGHTED AVG FOR REACH | | -2.0 | -0.7 | 1.4 |

FHF FOR THE REACH = 320 WITH 99.5% OF THE REACH WITHIN 1.0 FEET ZONE FOR THE REACH = A 4

HEC2 RELEASE DATED NOV 76. UPDATED FEB 1977
ERROR CORR - 01
MODIFICATION - 50.51.52

EJ

```

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```

THIS IS A TWO PART PROGRAM

Sections A-AD - AN-AS
 BASIN E, STREAM 1
 ABBOTT'S CREEK

PROGRAMMER=KEZIAH

ACCOUNT=RTI.A25.P03078

| JOB TURN-AROUND | | | JOB PARAMETERS | | | TIME USED INCLUDES | | | MISC. JOB VALUES | | |
|-----------------------|---------|------------|----------------|-----------|--------|--------------------|------------|--------------|------------------|--|--|
| | DATE | TIME | | SPECIFIED | USED | NO. | EQUIVALENT | | | | |
| ENTERED | 8/26/77 | 10:16:39.3 | TIME | 2:00.0 | 0:24.7 | CPU | 0:06.4 | LINES IN | 273 | | |
| EXECUTED | 8/26/77 | 10:16:56.6 | PAGES | 400 | 33 | UR EXCPS | 0:08.7 | LINES OUT | 1815 | | |
| RETURNED | 8/26/77 | 15:16:31.3 | CARDS | 0 | 0 | DISK EXCPS | 0:09.6 | MEMORY TIME | 12345 K-SEC | | |
| JOB ENTERED ON FRIDAY | | | PLOTS | 0 | 0 | TAPE READ-WRITE | 0:00.0 | PRIORITY | 02 | | |
| | | | | | | TAPE FILE SEARCH | 0:00.0 | APPROX. COST | \$10.85 | | |

J O B C O N S O L E L O G

```

M 10.16.48 JOB 11 -- RABOT1 -- JCL INTERPRETED, THCC CPU #2
V 10.16.55 JOB 11 -- RABOT1 -- BEGINNING EXEC - INIT 3 - CLASS
L*10.16.56 JOB 11 ++++S=163.T=02.J=RABOT1 10:16:56 KEZIAH
V 10.17.15 JOB 11 END EXECUTION.

```

 HEC2 RELEASE DATED NOV 76 (UPDATED FEB 1977)
 ERROR CORR - 01
 MODIFICATION - 50,51,52

C
 T1 DAVIDSON COUNTY BASIN E STREAM 1 ABBOTTS CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

| J1 | ICHECK | ING | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FG |
|----|-------------------------------------|----------|-----------|-----------|-----------|-----------|-----------|----------|---------|----------|
| | -1. | 4. | 0. | 0. | 0.0 | 0.0 | 0.0 | 0. | 629.720 | 0.0 |
| J2 | NPROF | IPLT | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE |
| | 0.0 | 0.0 | -1.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| J3 | VARIABLE CODES FOR SUMMARY PRINTOUT | | | | | | | | | |
| | 38.000 | 39.000 | 40.000 | 41.000 | 43.000 | 42.000 | 1.000 | 2.000 | 26.000 | 53.000 |
| | 54.000 | 25.000 | 50.000 | 0.0 | 200.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| NC | 0.043 | 0.043 | 0.028 | 0.100 | 0.300 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| DT | 5.000 | 9700.000 | 15400.000 | 18400.000 | 26400.000 | 18400.000 | 0.0 | 0.0 | 0.0 | 0.0 |
| ET | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -8.400 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 62400.000 | 35.000 | 1509.000 | 1639.000 | 62400.000 | 62400.000 | 62400.000 | 0.0 | 0.0 | 0.0 |
| GR | 640.100 | 1000.000 | 637.100 | 1050.000 | 634.400 | 1100.000 | 630.500 | 1150.000 | 627.500 | 1200.000 |
| GR | 625.600 | 1250.000 | 624.700 | 1286.000 | 624.700 | 1300.000 | 625.000 | 1350.000 | 626.400 | 1397.000 |
| GR | 622.500 | 1410.000 | 621.700 | 1450.000 | 624.000 | 1500.000 | 624.700 | 1509.000 | 617.000 | 1532.000 |
| GR | 616.200 | 1540.000 | 615.400 | 1550.000 | 614.100 | 1560.000 | 612.000 | 1570.000 | 609.000 | 1580.000 |
| GR | 610.300 | 1590.000 | 609.700 | 1600.000 | 610.900 | 1610.000 | 613.100 | 1620.000 | 624.800 | 1639.000 |
| GR | 624.600 | 1650.000 | 624.600 | 1640.000 | 623.100 | 1694.000 | 623.200 | 1700.000 | 622.500 | 1750.000 |
| GR | 623.000 | 1800.000 | 624.100 | 1824.000 | 628.800 | 1850.000 | 636.800 | 1900.000 | 641.900 | 1926.000 |
| DT | 5.000 | 9600.000 | 15300.000 | 18300.000 | 26300.000 | 18300.000 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 65150.000 | 29.000 | 1168.000 | 1313.000 | 2750.000 | 2750.000 | 2750.000 | 0.0 | 0.0 | 0.0 |
| GR | 641.200 | 1000.000 | 629.000 | 1050.000 | 623.200 | 1084.000 | 622.800 | 1100.000 | 624.600 | 1150.000 |
| GR | 624.900 | 1160.000 | 616.900 | 1177.000 | 615.800 | 1190.000 | 616.100 | 1200.000 | 616.300 | 1210.000 |
| GR | 616.900 | 1220.000 | 616.600 | 1230.000 | 616.200 | 1240.000 | 616.000 | 1250.000 | 616.000 | 1260.000 |
| GR | 615.500 | 1270.000 | 616.000 | 1280.000 | 625.300 | 1313.000 | 624.200 | 1350.000 | 623.800 | 1400.000 |
| GR | 623.200 | 1450.000 | 624.200 | 1500.000 | 623.800 | 1550.000 | 623.300 | 1600.000 | 622.900 | 1650.000 |
| GR | 622.800 | 1700.000 | 623.600 | 1750.000 | 624.300 | 1800.000 | 639.200 | 1837.000 | 0.0 | 0.0 |
| X1 | 67800.000 | 30.000 | 1575.000 | 1660.000 | 2650.000 | 2650.000 | 2650.000 | 0.0 | 0.0 | 0.0 |
| GR | 647.800 | 1000.000 | 643.800 | 1050.000 | 642.400 | 1073.000 | 640.600 | 1079.000 | 638.100 | 1100.000 |
| GR | 634.800 | 1150.000 | 632.600 | 1200.000 | 630.800 | 1250.000 | 629.400 | 1300.000 | 626.800 | 1350.000 |
| GR | 625.700 | 1400.000 | 625.100 | 1450.000 | 625.400 | 1470.000 | 623.500 | 1477.000 | 623.500 | 1505.000 |
| GR | 625.100 | 1512.000 | 623.600 | 1550.000 | 623.500 | 1575.000 | 616.400 | 1589.000 | 616.200 | 1600.000 |
| GR | 614.900 | 1610.000 | 613.600 | 1620.000 | 613.000 | 1630.000 | 612.200 | 1640.000 | 613.400 | 1650.000 |

| | | | | | | | | | | |
|----|---------|----------|-----------|-----------|-----------|-----------|---------|----------|---------|----------|
| GR | 616,300 | 1660,000 | 625,500 | 1666,000 | 625,800 | 1697,000 | 626,800 | 1700,000 | 642,400 | 1741,000 |
| QT | 5,000 | 9500,000 | 15200,000 | 18200,000 | 26200,000 | 18200,000 | 0,0 | 0,0 | 0,0 | 0,0 |

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 72450,000 | 26,000 | 1111,000 | 1200,000 | 4650,000 | 4650,000 | 4650,000 | 0,0 | 0,0 | 0,0 |
| GR | 644,000 | 1000,000 | 628,800 | 1034,000 | 628,000 | 1050,000 | 628,100 | 1100,000 | 628,200 | 1111,000 |
| GR | 616,600 | 1122,000 | 616,400 | 1130,000 | 613,600 | 1140,000 | 613,400 | 1150,000 | 613,700 | 1160,000 |
| GR | 614,600 | 1180,000 | 616,200 | 1188,000 | 626,800 | 1200,000 | 628,300 | 1300,000 | 629,400 | 1400,000 |
| GR | 629,100 | 1500,000 | 629,000 | 1600,000 | 629,900 | 1700,000 | 629,300 | 1800,000 | 629,300 | 1840,000 |
| GR | 629,500 | 1850,000 | 630,700 | 1900,000 | 633,000 | 1950,000 | 633,900 | 2000,000 | 634,200 | 2050,000 |
| GR | 635,300 | 2100,000 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 75500,000 | 48,000 | 1575,000 | 1681,000 | 3050,000 | 3050,000 | 3050,000 | 0,0 | 0,0 | 0,0 |
| GR | 646,800 | 1000,000 | 643,400 | 1050,000 | 640,900 | 1100,000 | 640,100 | 1127,000 | 640,000 | 1150,000 |
| GR | 640,200 | 1163,000 | 641,300 | 1200,000 | 641,800 | 1231,000 | 641,500 | 1250,000 | 641,300 | 1300,000 |
| GR | 639,900 | 1345,000 | 636,300 | 1400,000 | 632,700 | 1443,000 | 631,700 | 1464,000 | 631,700 | 1500,000 |
| GR | 631,600 | 1550,000 | 630,900 | 1575,000 | 618,100 | 1588,000 | 616,800 | 1600,000 | 616,200 | 1610,000 |
| GR | 614,300 | 1620,000 | 615,300 | 1630,000 | 616,500 | 1640,000 | 618,100 | 1650,000 | 619,900 | 1660,000 |
| GR | 620,100 | 1670,000 | 620,000 | 1672,000 | 629,700 | 1681,000 | 628,800 | 1700,000 | 629,800 | 1800,000 |
| GR | 630,000 | 1900,000 | 631,400 | 2000,000 | 630,600 | 2038,000 | 628,500 | 2078,000 | 628,500 | 2100,000 |
| GR | 630,300 | 2179,000 | 630,000 | 2200,000 | 631,800 | 2300,000 | 631,700 | 2400,000 | 632,900 | 2500,000 |
| GR | 634,000 | 2600,000 | 634,800 | 2700,000 | 637,100 | 2800,000 | 638,500 | 2900,000 | 640,100 | 3000,000 |
| GR | 642,600 | 3100,000 | 644,300 | 3150,000 | 646,100 | 3187,000 | 0,0 | 0,0 | 0,0 | 0,0 |

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 78650,000 | 30,000 | 1489,000 | 1593,000 | 3150,000 | 3150,000 | 3150,000 | 0,0 | 0,0 | 0,0 |
| GR | 650,300 | 1000,000 | 644,800 | 1050,000 | 641,400 | 1100,000 | 640,900 | 1110,000 | 640,600 | 1150,000 |
| GR | 639,900 | 1200,000 | 639,600 | 1250,000 | 639,500 | 1300,000 | 640,100 | 1350,000 | 639,900 | 1393,000 |
| GR | 631,500 | 1425,000 | 631,200 | 1450,000 | 632,900 | 1489,000 | 621,000 | 1515,000 | 619,500 | 1525,000 |
| GR | 618,900 | 1555,000 | 618,200 | 1545,000 | 617,800 | 1555,000 | 618,000 | 1565,000 | 617,900 | 1575,000 |
| GR | 620,200 | 1584,000 | 631,000 | 1593,000 | 630,500 | 1650,000 | 630,800 | 1700,000 | 631,200 | 1763,000 |
| GR | 634,700 | 1800,000 | 639,000 | 1850,000 | 642,600 | 1900,000 | 646,000 | 1950,000 | 649,200 | 2000,000 |

| | | | | | | | | | | |
|----|-----------|----------|-----------|-----------|-----------|-----------|----------|----------|---------|----------|
| X1 | 80950,000 | 27,000 | 1430,000 | 1510,000 | 2300,000 | 2300,000 | 2300,000 | 0,0 | 0,0 | 0,0 |
| GR | 649,800 | 1000,000 | 641,800 | 1050,000 | 638,800 | 1085,000 | 638,000 | 1100,000 | 637,400 | 1150,000 |
| GR | 636,800 | 1200,000 | 633,600 | 1231,000 | 633,200 | 1250,000 | 633,600 | 1300,000 | 635,000 | 1350,000 |
| GR | 635,200 | 1400,000 | 632,900 | 1412,000 | 632,600 | 1430,000 | 620,600 | 1441,000 | 620,200 | 1450,000 |
| GR | 620,100 | 1460,000 | 619,200 | 1470,000 | 619,100 | 1480,000 | 621,000 | 1490,000 | 621,600 | 1500,000 |
| GR | 621,700 | 1505,000 | 630,400 | 1510,000 | 630,600 | 1516,000 | 634,100 | 1531,000 | 635,400 | 1550,000 |
| GR | 637,900 | 1565,000 | 648,700 | 1581,000 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| QT | 5,000 | 9400,000 | 15100,000 | 18100,000 | 26100,000 | 18100,000 | 0,0 | 0,0 | 0,0 | 0,0 |

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 82085,000 | 15,000 | 1424,000 | 1502,000 | 1135,000 | 1135,000 | 1135,000 | 0,0 | 0,0 | 0,0 |
| GR | 655,200 | 1000,000 | 645,500 | 1050,000 | 639,600 | 1100,000 | 637,700 | 1150,000 | 636,400 | 1200,000 |
| GR | 631,800 | 1300,000 | 635,000 | 1392,000 | 634,400 | 1424,000 | 620,900 | 1440,000 | 618,500 | 1470,000 |
| GR | 619,700 | 1480,000 | 621,100 | 1489,000 | 632,700 | 1502,000 | 641,800 | 1550,000 | 652,100 | 1600,000 |

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|---------|----------|----------|----------|---------|----------|
| X1 | 82185,000 | 24,000 | 1467,000 | 1760,000 | 100,000 | 100,000 | 100,000 | 0,0 | 0,0 | 0,0 |
| GR | 668,600 | 1000,000 | 663,700 | 1100,000 | 655,400 | 1300,000 | 652,900 | 1400,000 | 648,000 | 1467,000 |
| GR | 648,000 | 1468,500 | 646,500 | 1478,000 | 636,600 | 1490,400 | 633,700 | 1507,000 | 633,000 | 1547,000 |
| GR | 631,900 | 1587,000 | 634,800 | 1627,000 | 633,300 | 1650,000 | 626,100 | 1660,300 | 623,200 | 1667,000 |
| GR | 622,100 | 1689,500 | 623,300 | 1712,000 | 625,000 | 1717,300 | 644,100 | 1751,000 | 644,700 | 1755,000 |
| GR | 644,700 | 1760,000 | 655,100 | 1830,000 | 658,500 | 1900,000 | 664,300 | 2000,000 | 667,900 | 2050,000 |
| SB | 1,250 | 1,500 | 2,500 | 0,0 | 293,000 | 15,200 | 4502,000 | 0,0 | 0,0 | 0,0 |

RDN: EAST CENTER ST. MXLCEL 648.8

RDELV 652.1

| | | | | | | | | | | |
|----|-----------|----------|---------|----------|----------|---------|----------|----------|---------|----------|
| X1 | 82215,000 | 0,0 | 0,0 | 0,0 | 30,000 | 30,000 | 30,000 | 0,0 | 0,0 | 0,0 |
| X2 | 0,0 | 0,0 | 1,000 | 648,800 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| BT | 11,000 | 1000,000 | 668,600 | 0,0 | 1100,000 | 663,700 | 0,0 | 1200,000 | 659,300 | 0,0 |
| BT | 1300,000 | 655,400 | 0,0 | 1400,000 | 652,900 | 0,0 | 1467,000 | 652,100 | 648,800 | 1760,000 |

| | | | | | | | | | | |
|----|---------|----------|----------|---------|-----|----------|---------|-----|----------|---------|
| BT | 652,200 | 648,800 | 1800,000 | 654,200 | 0,0 | 1900,000 | 658,500 | 0,0 | 2000,000 | 664,300 |
| BT | 0,0 | 2050,000 | 667,900 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 82315,000 | 15,000 | 1424,000 | 1502,000 | 100,000 | 100,000 | 100,000 | 0,0 | 0,0 | 0,0 |
| GR | 655,200 | 1000,000 | 645,500 | 1050,000 | 639,600 | 1100,000 | 637,700 | 1150,000 | 636,400 | 1200,000 |
| GR | 631,800 | 1300,000 | 635,000 | 1392,000 | 634,400 | 1424,000 | 620,900 | 1440,000 | 618,500 | 1470,000 |
| GR | 619,700 | 1480,000 | 621,100 | 1489,000 | 632,700 | 1502,000 | 641,800 | 1550,000 | 652,100 | 1600,000 |

| | | | | | | | | | | |
|----|-----------|----------|-----------|-----------|-----------|-----------|----------|----------|---------|----------|
| X1 | 84350,000 | 14,000 | 1485,000 | 1568,000 | 2035,000 | 2035,000 | 2035,000 | 0,0 | 0,0 | 0,0 |
| GR | 651,300 | 1000,000 | 643,000 | 1100,000 | 635,500 | 1200,000 | 636,700 | 1300,000 | 634,600 | 1400,000 |
| GR | 633,900 | 1485,000 | 617,700 | 1520,000 | 634,600 | 1568,000 | 634,900 | 1600,000 | 634,300 | 1700,000 |
| GR | 634,800 | 1800,000 | 634,900 | 1900,000 | 635,000 | 2000,000 | 652,400 | 2172,000 | 0,0 | 0,0 |
| QT | 5,000 | 9300,000 | 14900,000 | 17940,000 | 25980,000 | 17900,000 | 0,0 | 0,0 | 0,0 | 0,0 |

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 85640,000 | 17,000 | 1640,000 | 1726,000 | 1290,000 | 1290,000 | 1290,000 | 0,0 | -1,000 | 0,0 |
| GR | 654,100 | 1000,000 | 650,200 | 1100,000 | 635,500 | 1200,000 | 634,000 | 1300,000 | 634,900 | 1400,000 |
| GR | 636,600 | 1500,000 | 635,700 | 1600,000 | 635,300 | 1640,000 | 619,400 | 1690,000 | 620,000 | 1700,000 |
| GR | 629,800 | 1726,000 | 636,700 | 1800,000 | 638,100 | 1900,000 | 639,900 | 2000,000 | 642,400 | 2100,000 |
| GR | 649,400 | 2200,000 | 656,000 | 2246,000 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|---------|----------|----------|----------|---------|----------|
| X1 | 85740,000 | 25,000 | 2221,500 | 2478,000 | 100,000 | 100,000 | 100,000 | 0,0 | 0,0 | 0,0 |
| GR | 657,700 | 1300,000 | 656,100 | 1400,000 | 653,400 | 1600,000 | 651,700 | 1782,000 | 657,100 | 1800,000 |
| GR | 648,800 | 2221,500 | 648,600 | 2225,500 | 639,300 | 2240,900 | 636,900 | 2253,000 | 635,800 | 2271,000 |
| GR | 636,100 | 2294,500 | 632,100 | 2323,500 | 633,900 | 2330,100 | 623,900 | 2341,500 | 622,400 | 2360,800 |
| GR | 618,900 | 2376,000 | 621,500 | 2399,500 | 624,100 | 2421,300 | 632,900 | 2428,500 | 635,800 | 2436,000 |
| GR | 637,100 | 2452,100 | 648,500 | 2471,200 | 648,700 | 2478,000 | 649,200 | 2500,000 | 656,100 | 2800,000 |
| SB | 1,250 | 1,500 | 2,500 | 0,0 | 256,500 | 12,000 | 4134,000 | 0,0 | 0,0 | 0,0 |

ROND OLD HIGHWAY 64 MXLCEL 649.4

RDELV 654.7

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 85763,000 | 0,0 | 0,0 | 0,0 | 23,000 | 23,000 | 23,000 | 0,0 | 0,0 | 0,0 |
| X2 | 0,0 | 0,0 | 1,000 | 649,700 | 651,700 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| BT | 20,000 | 1000,000 | 670,900 | 0,0 | 1100,000 | 664,400 | 0,0 | 1200,000 | 660,100 | 0,0 |
| BT | 1300,000 | 657,700 | 0,0 | 1400,000 | 656,100 | 0,0 | 1500,000 | 654,700 | 0,0 | 1600,000 |
| BT | 653,400 | 0,0 | 1700,000 | 652,300 | 0,0 | 1800,000 | 651,700 | 0,0 | 1900,000 | 652,300 |
| BT | 0,0 | 2000,000 | 653,400 | 0,0 | 2100,000 | 653,800 | 0,0 | 2200,000 | 654,400 | 0,0 |
| BT | 2221,500 | 654,700 | 649,400 | 2478,000 | 654,700 | 649,400 | 2500,000 | 654,500 | 0,0 | 2600,000 |
| BT | 653,800 | 0,0 | 2700,000 | 654,100 | 0,0 | 2800,000 | 656,100 | 0,0 | 2900,000 | 659,900 |
| BT | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 85863,000 | 17,000 | 1640,000 | 1726,000 | 100,000 | 100,000 | 100,000 | 0,0 | 0,0 | 0,0 |
| GR | 654,100 | 1000,000 | 650,200 | 1100,000 | 635,500 | 1200,000 | 634,000 | 1300,000 | 634,900 | 1400,000 |
| GR | 636,600 | 1500,000 | 635,700 | 1600,000 | 635,300 | 1640,000 | 619,400 | 1690,000 | 620,000 | 1700,000 |
| GR | 629,800 | 1726,000 | 636,700 | 1800,000 | 638,100 | 1900,000 | 639,900 | 2000,000 | 642,400 | 2100,000 |
| GR | 649,400 | 2200,000 | 656,000 | 2246,000 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 88200,000 | 11,000 | 1176,000 | 1250,000 | 2337,000 | 2337,000 | 2337,000 | 0,0 | 0,0 | 0,0 |
| GR | 657,300 | 1000,000 | 643,800 | 1100,000 | 637,400 | 1176,000 | 622,300 | 1197,000 | 620,300 | 1220,000 |
| GR | 635,300 | 1250,000 | 638,000 | 1300,000 | 636,500 | 1400,000 | 636,100 | 1500,000 | 637,800 | 1600,000 |
| GR | 653,000 | 1685,000 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 90350,000 | 11,000 | 1492,000 | 1576,000 | 2150,000 | 2150,000 | 2150,000 | 0,0 | 0,0 | 0,0 |
| GR | 659,200 | 1000,000 | 650,000 | 1100,000 | 646,000 | 1200,000 | 644,400 | 1300,000 | 639,000 | 1400,000 |
| GR | 637,800 | 1492,000 | 622,000 | 1522,000 | 643,100 | 1576,000 | 643,400 | 1589,000 | 648,100 | 1600,000 |
| GR | 659,500 | 1618,000 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |

| | | | | | | | | | | |
|----|-----------|--------|----------|----------|----------|----------|----------|-----|-----|-----|
| X1 | 92100,000 | 10,000 | 1512,000 | 1592,000 | 2750,000 | 2750,000 | 2750,000 | 0,0 | 0,0 | 0,0 |
|----|-----------|--------|----------|----------|----------|----------|----------|-----|-----|-----|

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|----|------------|----------|----------|----------|---------|----------|----------|----------|---------|----------|
| X1 | 110890.000 | 19.000 | 1710.000 | 1919.300 | 200.000 | 200.000 | 200.000 | 0.0 | 0.0 | 0.0 |
| GR | 668.800 | 1000.000 | 660.200 | 1238.000 | 643.200 | 1710.000 | 643.200 | 1715.000 | 644.600 | 1747.500 |
| GR | 638.400 | 1754.700 | 638.700 | 1776.700 | 638.900 | 1806.200 | 643.000 | 1817.200 | 645.100 | 1836.800 |
| GR | 645.300 | 1847.500 | 637.200 | 1855.100 | 637.500 | 1898.100 | 643.800 | 1914.300 | 643.800 | 1919.300 |
| GR | 655.200 | 2100.000 | 668.300 | 2300.000 | 668.500 | 2800.000 | 668.400 | 3000.000 | 0.0 | 0.0 |
| SB | 1.250 | 1.500 | 2.500 | 0.0 | 209.300 | 9.500 | 4546.000 | 0.0 | 0.0 | 0.0 |

ROND SOUTH RAILWAY MXLCEL 663.6 RDELV 667.7

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|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 110908.000 | 0.0 | 0.0 | 0.0 | 18.000 | 18.000 | 18.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 663.600 | 667.600 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 20.000 | 1000.000 | 668.900 | 0.0 | 1100.000 | 668.600 | 0.0 | 1300.000 | 667.900 | 0.0 |
| BT | 1400.000 | 667.700 | 0.0 | 1500.000 | 667.600 | 0.0 | 1600.000 | 667.600 | 0.0 | 1700.000 |
| BT | 667.700 | 0.0 | 1710.000 | 667.700 | 663.600 | 1919.300 | 667.700 | 663.600 | 2000.000 | 667.700 |
| BT | 0.0 | 2100.000 | 668.000 | 0.0 | 2200.000 | 668.200 | 0.0 | 2300.000 | 668.300 | 0.0 |
| BT | 2400.000 | 668.400 | 0.0 | 2500.000 | 668.400 | 0.0 | 2600.000 | 668.400 | 0.0 | 2700.000 |
| BT | 668.500 | 0.0 | 2800.000 | 668.500 | 0.0 | 2900.000 | 668.400 | 0.0 | 3000.000 | 668.400 |
| BT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|-----------|-----------|-----------|---------|----------|---------|----------|
| X1 | 111108.000 | 11.000 | 1148.000 | 1190.000 | 200.000 | 200.000 | 200.000 | 0.0 | 0.0 | 0.0 |
| GR | 664.000 | 1000.000 | 645.700 | 1100.000 | 644.600 | 1148.000 | 635.800 | 1170.000 | 644.800 | 1190.000 |
| GR | 644.600 | 1300.000 | 644.400 | 1345.000 | 647.300 | 1400.000 | 649.600 | 1500.000 | 654.200 | 1600.000 |
| GR | 662.100 | 1700.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 5.000 | 5200.000 | 8500.000 | 10600.000 | 15100.000 | 10600.000 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 113300.000 | 11.000 | 1539.000 | 1577.000 | 2192.000 | 2192.000 | 2192.000 | 0.0 | 0.0 | 0.0 |
| GR | 660.900 | 1000.000 | 646.000 | 1091.000 | 645.800 | 1100.000 | 645.400 | 1200.000 | 645.600 | 1300.000 |
| GR | 645.800 | 1400.000 | 645.800 | 1500.000 | 645.600 | 1539.000 | 638.200 | 1560.000 | 646.000 | 1577.000 |
| GR | 658.000 | 1609.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 115735.000 | 11.000 | 1388.000 | 1448.000 | 2435.000 | 2435.000 | 2435.000 | 0.0 | -1.000 | 0.0 |
| GR | 669.600 | 1000.000 | 650.900 | 1100.000 | 648.500 | 1200.000 | 648.400 | 1300.000 | 649.300 | 1388.000 |
| GR | 644.900 | 1400.000 | 643.800 | 1420.000 | 649.800 | 1448.000 | 656.000 | 1500.000 | 663.200 | 1600.000 |
| GR | 663.900 | 1700.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|----------|----------|---------|----------|
| X1 | 115835.000 | 22.000 | 2378.500 | 2573.500 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 671.600 | 1700.000 | 670.300 | 1800.000 | 669.600 | 1900.000 | 664.300 | 2378.500 | 664.200 | 2383.300 |
| GR | 653.100 | 2405.900 | 650.500 | 2426.000 | 647.600 | 2467.000 | 644.500 | 2476.000 | 643.300 | 2496.900 |
| GR | 644.900 | 2526.000 | 651.100 | 2526.800 | 652.200 | 2547.200 | 661.900 | 2563.200 | 664.100 | 2573.500 |
| GR | 668.900 | 2600.000 | 669.000 | 2700.000 | 670.300 | 3000.000 | 672.000 | 3200.000 | 675.600 | 3500.000 |
| GR | 681.600 | 4000.000 | 684.100 | 4200.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| SB | 1.250 | 1.500 | 2.500 | 0.0 | 195.000 | 7.500 | 2558.000 | 0.0 | 0.0 | 0.0 |

ROND NC 70 MXLCEL 664.8 RDELV 669.0

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 115869.000 | 0.0 | 0.0 | 0.0 | 34.000 | 34.000 | 34.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 664.800 | 668.700 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 25.000 | 1000.000 | 684.900 | 0.0 | 1100.000 | 682.800 | 0.0 | 1200.000 | 680.700 | 0.0 |
| BT | 1300.000 | 678.700 | 0.0 | 1400.000 | 676.700 | 0.0 | 1500.000 | 674.900 | 0.0 | 1600.000 |
| BT | 672.900 | 0.0 | 1700.000 | 671.600 | 0.0 | 1800.000 | 670.300 | 0.0 | 1900.000 | 669.600 |
| BT | 0.0 | 2000.000 | 669.000 | 0.0 | 2200.000 | 668.600 | 0.0 | 2300.000 | 668.700 | 0.0 |
| BT | 2378.500 | 669.000 | 664.800 | 2573.500 | 669.000 | 664.800 | 2600.000 | 668.900 | 0.0 | 2700.000 |
| BT | 669.000 | 0.0 | 2800.000 | 669.200 | 0.0 | 2900.000 | 669.800 | 0.0 | 3000.000 | 670.300 |
| BT | 0.0 | 3100.000 | 671.200 | 0.0 | 3200.000 | 672.000 | 0.0 | 3500.000 | 675.600 | 0.0 |
| BT | 4000.000 | 681.600 | 0.0 | 4200.000 | 684.100 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

0.0 0.0 0.0 15.000 15.000 15.000 0.0 0.0 0.0

 HEC2 RELEASE DATED NOV 76 (UPDATED FEB 1977)
 ERROR CORR. - 01
 MODIFICATION - 50,51,52

T1 DAVIDSON COUNTY BASIN E STREAM 1 ABBOTTS CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO, 6918
 T3 100 YEAR FLOODWAY

| J1 | ICHECK | INO | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FR |
|----|--------|------|--------|-------|-------|--------|-------|-----|---------|--------|
| | -10. | 6. | 0. | 0. | 0.0 | 0.0 | 0.0 | 0. | 630.720 | 0.0 |
| J2 | NPROF | IPLT | PRFVS | XSECV | XSECH | FN | ALLOC | TBW | CHNIM | ITRACE |
| | 15.000 | 0.0 | -1.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 0 |

*PROF 2

CCHV= 0.100 CEHV= 0.300

*SECNO 62400.000

2800 NAT Q1= 9198.18 WSEL= 629.72 ENC Q1= 9198.18 WSEL= 630.52 RATIO= 0.0

NAT Q1= 10543. RATIOS LOB,CH,ROB= 0.2074 0.6226 0.1700 WSEL= 630.52

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

| 3470 ENCROACHMENT STATIONS= | 1335.3 | 1775.1 | TYPE= | 4 | TARGET= | 0.128 |
|-----------------------------|--------|--------|--------|--------|---------|--------------------------|
| 62400.00 | 21.72 | 630.72 | 0.0 | 629.72 | 631.19 | 0.47 0.0 0.0 624.70 |
| 18400. | 2945. | 13040. | 2416. | 1193. | 2061. | 988. 0. 0. 624.80 |
| 0.0 | 2.46 | 6.33 | 2.44 | 0.043 | 0.028 | 0.043 0.0 609.00 1335.33 |
| 0.000378 | 62400. | 62400. | 62400. | 0 | 0 | 0 0.0 439.80 1775.12 |

*SECNO 65150.000

2800 NAT Q1= 11133.23 WSEL= 630.84 ENC Q1= 11133.23 WSEL= 631.64 RATIO= 0.0

NAT Q1= 12787. RATIOS LOB,CH,ROB= 0.0868 0.4879 0.4252 WSEL= 631.64

| 3470 ENCROACHMENT STATIONS= | 1085.9 | 1688.3 | TYPE= | 4 | TARGET= | 0.129 |
|-----------------------------|--------|--------|-------|--------|---------|----------------------------|
| 65150.00 | 16.32 | 631.92 | 0.0 | 630.84 | 632.06 | 0.24 0.85 0.02 624.90 |
| 18300. | 1378. | 10179. | 6743. | 658. | 2076. | 3057. 317. 33. 625.30 |
| 0.21 | 2.09 | 4.90 | 2.21 | 0.043 | 0.028 | 0.043 0.028 615.50 1085.87 |
| 0.000255 | 2750. | 2750. | 2750. | 2 | 0 | 0 0.0 602.44 1688.31 |

*SECNO 67800.000

2800 NAT Q1= 6917.64 WSEL= 631.48 ENC Q1= 6917.64 WSEL= 632.28 RATIO= 0.0

NAT Q1= 7846. RATIOS LOB,CH,ROB= 0.3130 0.6392 0.0479 WSEL= 632.28

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 1420.1 1691.1 TYPE= 4 TARGET= 0.118

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

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

100 YEAR FLOOD WATER SUR

SUMMARY PRINTOUT

| | SECNO | XLCH | ELTRD | ELLC | Q | ELMIN | CWSEL | CRWS | VCH | SSTA | ENUST | AREA | DIFWSP |
|---|-----------|----------|--------|--------|----------|--------|--------|------|-------|---------|---------|---------|--------|
| A | 62400.000 | 62400.00 | 0.0 | 0.0 | 18400.00 | 609.00 | 629.72 | 0.0 | 6.23 | 1163.00 | 1855.75 | 4820.93 | 0.0 |
| | 62400.000 | 62400.00 | 0.0 | 0.0 | 18400.00 | 609.00 | 630.72 | 0.0 | 6.33 | 1335.33 | 1775.12 | 4246.71 | 1.00 |
| B | 65150.000 | 2750.00 | 0.0 | 0.0 | 18300.00 | 615.50 | 630.84 | 0.0 | 4.81 | 1042.46 | 1816.24 | 6249.69 | 0.0 |
| | 65150.000 | 2750.00 | 0.0 | 0.0 | 18300.00 | 615.50 | 631.82 | 0.0 | 4.90 | 1085.87 | 1688.31 | 5791.53 | 0.98 |
| C | 67800.000 | 2650.00 | 0.0 | 0.0 | 18300.00 | 612.20 | 631.48 | 0.0 | 8.85 | 1231.11 | 1712.30 | 3398.79 | 0.0 |
| | 67800.000 | 2650.00 | 0.0 | 0.0 | 18300.00 | 612.20 | 632.35 | 0.0 | 9.08 | 1420.14 | 1691.08 | 2931.06 | 0.87 |
| D | 72450.000 | 4650.00 | 0.0 | 0.0 | 18200.00 | 613.40 | 634.25 | 0.0 | 6.28 | 1021.82 | 2052.04 | 5882.80 | 0.0 |
| | 72450.000 | 4650.00 | 0.0 | 0.0 | 18200.00 | 613.40 | 635.14 | 0.0 | 6.39 | 1050.52 | 1682.43 | 5153.07 | 0.89 |
| E | 75500.000 | 3050.00 | 0.0 | 0.0 | 18200.00 | 614.30 | 635.31 | 0.0 | 5.78 | 1411.83 | 2722.16 | 6493.76 | 0.0 |
| | 75500.000 | 3050.00 | 0.0 | 0.0 | 18200.00 | 614.30 | 636.17 | 0.0 | 5.92 | 1481.45 | 2177.42 | 5429.80 | 0.87 |
| F | 78650.000 | 3150.00 | 0.0 | 0.0 | 18200.00 | 617.80 | 636.37 | 0.0 | 8.98 | 1406.49 | 1819.28 | 2982.94 | 0.0 |
| | 78650.000 | 3150.00 | 0.0 | 0.0 | 18200.00 | 617.80 | 637.13 | 0.0 | 9.34 | 1446.76 | 1696.73 | 2525.11 | 0.76 |
| G | 80950.000 | 2300.00 | 0.0 | 0.0 | 18200.00 | 619.10 | 638.29 | 0.0 | 10.75 | 1094.46 | 1565.59 | 2608.59 | 0.0 |
| | 80950.000 | 2300.00 | 0.0 | 0.0 | 18200.00 | 619.10 | 639.04 | 0.0 | 11.14 | 1296.87 | 1527.19 | 2160.10 | 0.75 |
| H | 82085.000 | 1135.00 | 0.0 | 0.0 | 18100.00 | 618.50 | 639.81 | 0.0 | 9.66 | 1098.17 | 1539.53 | 3003.75 | 0.0 |
| | 82085.000 | 1135.00 | 0.0 | 0.0 | 18100.00 | 618.50 | 640.64 | 0.0 | 9.97 | 1278.87 | 1514.87 | 2533.12 | 0.83 |
| | 82185.000 | 100.00 | 0.0 | 0.0 | 18100.00 | 622.10 | 640.10 | 0.0 | 7.67 | 1486.02 | 1744.57 | 2359.88 | 0.0 |
| | 82185.000 | 100.00 | 0.0 | 0.0 | 18100.00 | 622.10 | 641.31 | 0.0 | 6.76 | 1484.49 | 1746.77 | 2677.17 | 1.21 |
| | 82215.000 | 30.00 | 652.10 | 648.80 | 18100.00 | 622.10 | 640.24 | 0.0 | 7.56 | 1485.85 | 1744.82 | 2395.31 | 0.0 |
| | 82215.000 | 30.00 | 652.10 | 648.80 | 18100.00 | 622.10 | 641.04 | 0.0 | 6.95 | 1484.84 | 1746.26 | 2603.41 | 0.80 |
| I | 82315.000 | 100.00 | 0.0 | 0.0 | 18100.00 | 618.50 | 640.28 | 0.0 | 9.14 | 1094.22 | 1541.99 | 3210.97 | 0.0 |
| | 82315.000 | 100.00 | 0.0 | 0.0 | 18100.00 | 618.50 | 641.12 | 0.0 | 9.42 | 1269.63 | 1516.42 | 2725.60 | 0.83 |
| J | 84350.000 | 2035.00 | 0.0 | 0.0 | 18100.00 | 617.70 | 641.96 | 0.0 | 5.29 | 1113.86 | 2068.81 | 6834.98 | 0.0 |
| | 84350.000 | 2035.00 | 0.0 | 0.0 | 18100.00 | 617.70 | 642.90 | 0.0 | 5.38 | 1238.05 | 1923.72 | 6187.22 | 0.94 |
| K | 85640.000 | 1290.00 | 0.0 | 0.0 | 17900.00 | 618.40 | 642.28 | 0.0 | 4.91 | 1147.05 | 2112.62 | 7209.36 | 0.0 |
| | 85640.000 | 1290.00 | 0.0 | 0.0 | 17900.00 | 618.40 | 643.21 | 0.0 | 5.00 | 1268.67 | 1922.26 | 6503.95 | 0.93 |

| | SECNO | XLCH | ELTRD | ELLC | Q | ELMIN | CWSEL | CRISWS | VCH | SSTA | ENDST | AREA | DIFWSP |
|---|------------|---------|--------|--------|----------|--------|--------|--------|-------|---------|---------|----------|--------|
| | 85740.000 | 100.00 | 0.0 | 0.0 | 17900.00 | 618.90 | 641.93 | 0.0 | 6.88 | 2236.54 | 2460.20 | 2603.40 | 0.0 |
| | 85740.000 | 100.00 | 0.0 | 0.0 | 17900.00 | 618.90 | 642.95 | 0.0 | 6.32 | 2234.85 | 2461.91 | 2833.20 | 1.02 |
| | 85763.000 | 23.00 | 651.70 | 649.70 | 17900.00 | 618.90 | 642.02 | 0.0 | 6.03 | 2236.40 | 2460.34 | 2621.91 | 0.0 |
| | 85763.000 | 23.00 | 651.70 | 649.70 | 17900.00 | 618.90 | 642.82 | 0.0 | 6.39 | 2235.08 | 2461.68 | 2802.08 | 0.80 |
| L | 85863.000 | 100.00 | 0.0 | 0.0 | 17900.00 | 619.40 | 642.59 | 0.0 | 5.41 | 1151.72 | 2102.83 | 6552.22 | 0.0 |
| | 85863.000 | 100.00 | 0.0 | 0.0 | 17900.00 | 619.40 | 643.38 | 0.0 | 5.59 | 1277.25 | 1902.93 | 5784.36 | 0.78 |
| M | 88200.000 | 2337.00 | 0.0 | 0.0 | 17900.00 | 620.30 | 643.18 | 0.0 | 8.43 | 1107.31 | 1630.11 | 3756.56 | 0.0 |
| | 88200.000 | 2337.00 | 0.0 | 0.0 | 17900.00 | 620.30 | 643.92 | 0.0 | 8.78 | 1149.16 | 1504.48 | 3270.54 | 0.74 |
| N | 90350.000 | 2150.00 | 0.0 | 0.0 | 17900.00 | 622.00 | 644.64 | 0.0 | 12.64 | 1284.80 | 1591.91 | 1985.78 | 0.0 |
| | 90350.000 | 2150.00 | 0.0 | 0.0 | 17900.00 | 622.00 | 645.23 | 0.0 | 13.38 | 1426.42 | 1584.05 | 1619.56 | 0.59 |
| O | 93100.000 | 2750.00 | 0.0 | 0.0 | 17900.00 | 624.30 | 648.58 | 0.0 | 6.18 | 1125.79 | 1655.41 | 4738.38 | 0.0 |
| | 93100.000 | 2750.00 | 0.0 | 0.0 | 17900.00 | 624.30 | 649.58 | 0.0 | 6.28 | 1254.57 | 1627.09 | 4356.03 | 1.01 |
| P | 94410.000 | 1310.00 | 0.0 | 0.0 | 17900.00 | 625.00 | 648.68 | 0.0 | 8.83 | 1024.21 | 1225.69 | 2395.00 | 0.0 |
| | 94410.000 | 1310.00 | 0.0 | 0.0 | 17900.00 | 625.00 | 649.60 | 0.0 | 9.03 | 1064.74 | 1185.76 | 2112.18 | 0.92 |
| | 94510.000 | 100.00 | 0.0 | 0.0 | 17900.00 | 625.70 | 649.27 | 0.0 | 6.38 | 1540.32 | 1781.96 | 2604.72 | 0.0 |
| | 94510.000 | 100.00 | 0.0 | 0.0 | 17900.00 | 625.70 | 650.44 | 0.0 | 5.79 | 1537.97 | 1784.36 | 3090.48 | 1.17 |
| | 94543.000 | 33.00 | 660.90 | 657.40 | 17900.00 | 625.70 | 649.33 | 0.0 | 6.35 | 1540.20 | 1782.08 | 2818.88 | 0.0 |
| | 94543.000 | 33.00 | 660.90 | 657.40 | 17900.00 | 625.70 | 650.15 | 0.0 | 5.94 | 1538.60 | 1783.72 | 3013.64 | 0.80 |
| Q | 94643.000 | 100.00 | 0.0 | 0.0 | 17900.00 | 625.00 | 649.09 | 0.0 | 8.59 | 1023.08 | 1227.78 | 2477.39 | 0.0 |
| | 94643.000 | 100.00 | 0.0 | 0.0 | 17900.00 | 625.00 | 650.02 | 0.0 | 8.76 | 1062.47 | 1187.84 | 2202.52 | 0.94 |
| R | 97950.000 | 3307.00 | 0.0 | 0.0 | 17900.00 | 625.20 | 651.06 | 0.0 | 4.51 | 1058.82 | 1941.40 | 7414.73 | 0.0 |
| | 97950.000 | 3307.00 | 0.0 | 0.0 | 17900.00 | 625.20 | 652.06 | 0.0 | 4.57 | 1097.90 | 1648.97 | 6637.00 | 1.00 |
| S | 101600.000 | 3650.00 | 0.0 | 0.0 | 16200.00 | 627.40 | 651.71 | 0.0 | 7.81 | 1010.94 | 1313.00 | 3384.01 | 0.0 |
| | 101600.000 | 3650.00 | 0.0 | 0.0 | 16200.00 | 627.40 | 652.64 | 0.0 | 7.97 | 1020.25 | 1224.89 | 3030.74 | 0.93 |
| T | 106200.000 | 4600.00 | 0.0 | 0.0 | 16200.00 | 631.60 | 653.32 | 0.0 | 4.49 | 1038.07 | 1586.81 | 6259.82 | 0.0 |
| | 106200.000 | 4600.00 | 0.0 | 0.0 | 16200.00 | 631.60 | 654.28 | 0.0 | 4.55 | 1073.29 | 1491.49 | 5877.01 | 0.96 |
| U | 110150.000 | 3950.00 | 0.0 | 0.0 | 10700.00 | 638.00 | 653.66 | 0.0 | 1.08 | 1159.15 | 3282.77 | 17957.35 | 0.0 |
| | 110150.000 | 3950.00 | 0.0 | 0.0 | 10700.00 | 638.00 | 654.63 | 0.0 | 1.11 | 1321.08 | 3014.59 | 16941.88 | 0.97 |
| V | 110690.000 | 540.00 | 0.0 | 0.0 | 10700.00 | 635.80 | 653.54 | 0.0 | 5.46 | 1057.13 | 1585.76 | 3611.46 | 0.0 |
| | 110690.000 | 540.00 | 0.0 | 0.0 | 10700.00 | 635.80 | 654.48 | 0.0 | 5.82 | 1098.11 | 1408.26 | 3120.58 | 0.94 |
| | 110890.000 | 200.00 | 0.0 | 0.0 | 10700.00 | 637.20 | 653.68 | 0.0 | 3.03 | 1419.03 | 2075.90 | 5004.62 | 0.0 |
| | 110890.500 | 200.00 | 0.0 | 0.0 | 10700.00 | 637.20 | 654.64 | 0.0 | 3.12 | 1640.84 | 1957.64 | 3981.31 | 0.96 |
| | 110908.000 | 18.00 | 667.60 | 663.60 | 10700.00 | 637.20 | 653.69 | 0.0 | 3.02 | 1418.78 | 2076.05 | 5010.69 | 0.0 |
| | 110908.000 | 18.00 | 667.60 | 663.60 | 10700.00 | 637.20 | 654.49 | 0.0 | 2.78 | 1396.57 | 2088.73 | 5550.33 | 0.80 |
| | 110818 | | | | | | | | | | | | |
| W | 111108.000 | 200.00 | 0.0 | 0.0 | 10700.00 | 635.80 | 653.67 | 0.0 | 5.36 | 1056.45 | 1588.46 | 3677.24 | 0.0 |
| | 111108.000 | 200.00 | 0.0 | 0.0 | 10700.00 | 635.80 | 654.61 | 0.0 | 5.51 | 1097.67 | 1411.19 | 3185.30 | 0.94 |
| X | 113300.000 | 2192.00 | 0.0 | 0.0 | 10600.00 | 638.20 | 654.37 | 0.0 | 3.95 | 1039.88 | 1599.32 | 4680.45 | 0.0 |
| | 113300.000 | 2192.00 | 0.0 | 0.0 | 10600.00 | 638.20 | 655.32 | 0.0 | 4.04 | 1143.75 | 1590.14 | 4419.71 | 0.95 |

| | SECNO | YLCH | ELTRD | ELLC | Q | ELMIN | CWSEL | CRIWS | VCH | SSTA | ENDST | AREA | DIFWSP |
|----|-----------------------|---------|--------|--------|----------|--------|--------|-------|-------|---------|---------|---------|--------|
| | 115251 | | | | | | | | | | | | |
| Y | 115735.000 | 2435.00 | 0.0 | 0.0 | 10600.00 | 642.80 | 655.06 | 0.0 | 6.10 | 1072.38 | 1500.90 | 2870.14 | 0.0 |
| | 115735.000 | 2435.00 | 0.0 | 0.0 | 10600.00 | 642.80 | 655.94 | 0.0 | 6.38 | 1175.23 | 1473.06 | 2559.17 | 0.88 |
| | 115835.000 | 100.00 | 0.0 | 0.0 | 10600.00 | 643.30 | 653.63 | 0.0 | 12.79 | 2404.81 | 2549.57 | 828.45 | 0.0 |
| | 115835.000 | 100.00 | 0.0 | 0.0 | 10600.00 | 643.30 | 655.23 | 0.0 | 9.96 | 2401.56 | 2552.20 | 1063.94 | 1.59 |
| | 115869.000 | 34.00 | 668.70 | 664.80 | 10600.00 | 643.30 | 654.39 | 0.0 | 11.28 | 2403.26 | 2550.82 | 939.44 | 0.0 |
| | 115869.000 | 34.00 | 668.70 | 664.80 | 10600.00 | 643.30 | 655.19 | 0.0 | 10.01 | 2401.63 | 2552.14 | 1058.63 | 0.80 |
| | 115884.000 | 15.00 | 0.0 | 0.0 | 10600.00 | 643.30 | 654.56 | 0.0 | 10.99 | 2402.92 | 2551.10 | 964.52 | 0.0 |
| | 115884.000 | 15.00 | 0.0 | 0.0 | 10600.00 | 643.30 | 655.31 | 0.0 | 9.85 | 2401.40 | 2552.33 | 1075.67 | 0.74 |
| | 115899.000 | 15.00 | 0.0 | 0.0 | 10600.00 | 643.30 | 654.71 | 0.0 | 10.76 | 2402.63 | 2551.33 | 985.58 | 0.0 |
| | 115899.000 | 15.00 | 0.0 | 0.0 | 10600.00 | 643.30 | 655.38 | 0.0 | 9.76 | 2401.26 | 2552.45 | 1086.56 | 0.67 |
| | 115933.000 | 34.00 | 668.70 | 664.80 | 10600.00 | 643.30 | 655.09 | 0.0 | 10.16 | 2401.85 | 2551.97 | 1042.89 | 0.0 |
| | 115933.000 | 34.00 | 668.70 | 664.80 | 10600.00 | 643.30 | 655.89 | 0.0 | 9.11 | 2400.22 | 2553.29 | 1164.14 | 0.80 |
| | 115564 | | | | | | | | | | | | |
| Z | 116033.000 | 100.00 | 0.0 | 0.0 | 10600.00 | 643.80 | 656.68 | 0.0 | 5.56 | 1069.08 | 1509.47 | 3138.38 | 0.0 |
| | 116033.000 | 100.00 | 0.0 | 0.0 | 10600.00 | 643.80 | 657.04 | 0.0 | 6.16 | 1167.46 | 1477.89 | 2668.37 | 0.36 |
| AA | 119275.000 | 3242.00 | 0.0 | 0.0 | 10590.00 | 644.80 | 658.72 | 0.0 | 7.04 | 1057.32 | 1568.54 | 2716.64 | 0.0 |
| | 119275.000 | 3242.00 | 0.0 | 0.0 | 10590.00 | 644.80 | 659.35 | 0.0 | 7.60 | 1126.97 | 1429.61 | 2321.54 | 0.63 |
| AB | 122075.000 | 2800.00 | 0.0 | 0.0 | 10590.00 | 647.70 | 661.33 | 0.0 | 7.01 | 1068.91 | 1524.35 | 2588.37 | 0.0 |
| | 122075.000 | 2800.00 | 0.0 | 0.0 | 10590.00 | 647.70 | 662.08 | 0.0 | 7.49 | 1192.66 | 1501.38 | 2233.77 | 0.75 |
| | 123333 | | | | | | | | | | | | |
| AC | 123725.000 | 1650.00 | 0.0 | 0.0 | 10580.00 | 649.20 | 663.09 | 0.0 | 11.10 | 1129.03 | 1399.06 | 1323.51 | 0.0 |
| | 123725.000 | 1650.00 | 0.0 | 0.0 | 10580.00 | 649.20 | 663.72 | 0.0 | 12.00 | 1212.61 | 1374.48 | 1111.23 | 0.63 |
| | 123591 | | | | | | | | | | | | |
| AD | 123983.000 | 258.00 | 0.0 | 0.0 | 10580.00 | 650.00 | 664.21 | 0.0 | 9.12 | 296.46 | 660.25 | 1979.63 | 0.0 |
| | 123983.000 | 258.00 | 0.0 | 0.0 | 10580.00 | 650.00 | 665.13 | 0.0 | 9.44 | 433.77 | 621.32 | 1642.32 | 0.92 |

SUMMARY OF ERRORS

FLOODWAY DATA, 100 YEAR FLOOD WATER SUR
 PROFILE NO. 2

| STATION | FLOODWAY | | MEAN VELOCITY | WATER SURFACE ELEVATION | | DIFFERENCE |
|------------|---------------|-----------------|------------------|-------------------------|---------------------|------------|
| | WIDTH (FT) | SECTION AREA | | WITH FLOODWAY | WITHOUT FLOODWAY | |
| 62400.000 | 440. | 4247. | 4.3 | 630.7 | 629.7 | 1.0 |
| 65150.000 | 602. | 5792. | 3.2 | 631.8 | 630.8 | 1.0 |
| 67800.000 | 271. | 2931. | 6.2 | 632.4 | 631.5 | 0.9 |
| 72450.000 | 632. | 5153. | 3.5 | 635.1 | 634.2 | 0.9 |
| 75500.000 | 696. | 5430. | 3.4 | 636.2 | 635.3 | 0.9 |
| 78650.000 | 250. | 2525. | 7.2 | 637.2 | 636.4 | 0.8 |
| 80950.000 | 230. | 2160. | 8.4 | 639.0 | 638.3 | 0.7 |
| 82085.000 | 236. | 2533. | 7.1 | 640.6 | 639.8 | 0.8 |
| 82185.000 | 262. | 2677. | 6.8 | 641.3 | 640.1 | 1.2 |
| 82215.000 | 261. | 2603. | 7.0 | 641.0 | 640.2 | 0.8 |
| 82315.000 | 247. | 2726. | 6.6 | 641.1 | 640.3 | 0.8 |
| 84350.000 | 686. | 6187. | 2.9 | 642.9 | 642.0 | 0.9 |
| 85640.000 | 654. | 6504. | 2.8 | 643.2 | 642.3 | 0.9 |
| 85749.000 | 227. | 2833. | 6.3 | 642.9 | 641.9 | 1.0 |
| 85763.000 | 227. | 2802. | 6.4 | 642.8 | 642.0 | 0.8 |
| 85863.000 | 626. | 5784. | 3.1 | 643.4 | 642.6 | 0.8 |
| 88200.000 | 355. | 3271. | 5.5 | 643.9 | 643.2 | 0.7 |
| 90350.000 | 158. | 1620. | 11.1 | 645.2 | 644.6 | 0.6 |
| 93100.000 | 373. | 4356. | 4.1 | 649.6 | 648.6 | 1.0 |
| 94410.000 | 121. | 2112. | 8.5 | 649.6 | 648.7 | 0.9 |
| 94510.000 | 246. | 3090. | 5.8 | 650.5 | 649.3 | 1.2 |
| 94543.000 | 205. | 3014. | 5.9 | 650.1 | 649.3 | 0.8 |
| 94643.000 | 125. | 2203. | 8.1 | 650.0 | 649.1 | 0.9 |
| 97950.000 | 551. | 6637. | 2.7 | 652.1 | 651.1 | 1.0 |
| 101600.000 | 205. | 3031. | 5.3 | 652.6 | 651.7 | 0.9 |
| 106200.000 | 418. | 5877. | 2.8 | 654.3 | 653.3 | 1.0 |
| 110150.000 | 1694. | 16942. | 0.6 | 654.7 | 653.7 | 1.0 |
| 110690.000 | 310. | 3121. | 3.4 | 654.4 | 653.5 | 0.9 |
| 110890.000 | 317. | 3981. | 2.7 | 654.7 | 653.7 | 1.0 |
| 110908.000 | 692. | 5550. | 1.9 | 654.5 | 653.7 | 0.8 |
| 111108.000 | 314. | 3185. | 3.4 | 654.6 | 653.7 | 0.9 |
| 113300.000 | 446. | 4420. | 2.4 | 655.3 | 654.4 | 0.9 |
| 115735.000 | 298. | 2559. | 4.1 | 656.0 | 655.1 | 0.9 |
| 115835.000 | 151. | 1064. | 10.0 | 655.2 | 653.6 | 1.6 |
| 115869.000 | 151. | 1059. | 10.0 | 655.2 | 654.4 | 0.8 |
| 115884.000 | 151. | 1076. | 9.9 | 655.3 | 654.6 | 0.7 |
| 115899.000 | 151. | 1087. | 9.8 | 655.4 | 654.7 | 0.7 |
| 115933.000 | 153. | 1164. | 9.1 | 655.9 | 655.1 | 0.8 |
| 116033.000 | 310. | 2668. | 4.0 | 657.1 | 656.7 | 0.4 |
| 119275.000 | 303. | 2322. | 4.6 | 659.3 | 658.7 | 0.6 |
| 122075.000 | 399. | 2234. | 4.7 | 662.1 | 661.3 | 0.8 |
| 123725.000 | 152. | 1111. | 9.5 | 663.7 | 663.1 | 0.6 |
| 123983.000 | 1807. | 1642. | 6.4 | 665.1 | 664.2 | 0.9 |

STA ARE NOT
 COMPLETE
 SEE SUMMARY

HEC2 RELEASE DATED NOV 75 UPDATED FEB 1977
ERROR CORR - 01
MODIFICATION - 50,51,52

EJ

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

C
 T1 DAVIDSON COUNTY BASIN E STREAM 1 ABBOTTS CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

| J1 | ICHECK | INO | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FQ |
|----|-------------------------------------|----------|----------|-----------|-----------|-----------|----------|----------|---------|----------|
| | -1. | 4. | 0. | 0. | 0.0 | 0.0 | 0.0 | 0. | 658.720 | 0.0 |
| J2 | MPROF | IPLOT | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE |
| | 0.0 | 0.0 | -1.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| J3 | VARIABLE CODES FOR SUMMARY PRINTOUT | | | | | | | | | |
| | 38.000 | 39.000 | 40.000 | 41.000 | 43.000 | 42.000 | 1.000 | 2.000 | 26.000 | 53.000 |
| | 54.000 | 25.000 | 50.000 | 0.0 | 200.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| VC | 0.043 | 0.043 | 0.028 | 0.100 | 0.300 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| DT | 5.000 | 5190.000 | 8490.000 | 10570.000 | 15090.000 | 10590.000 | 0.0 | 0.0 | 0.0 | 0.0 |
| ET | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -10.400 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 119275.000 | 10.000 | 1288.000 | 1325.000 | 3242.000 | 3242.000 | 3242.000 | 3242.000 | 0.0 | 0.0 |
| GR | 667.900 | 1000.000 | 651.000 | 1100.000 | 651.600 | 1200.000 | 652.200 | 1288.000 | 644.800 | 1305.000 |
| GR | 653.100 | 1325.000 | 651.800 | 1400.000 | 658.000 | 1507.000 | 659.100 | 1600.000 | 664.000 | 1690.000 |
| X1 | 122075.000 | 10.000 | 1413.000 | 1469.000 | 2800.000 | 2800.000 | 2800.000 | 2800.000 | 0.0 | 0.0 |
| GR | 670.900 | 1000.000 | 657.000 | 1100.000 | 655.200 | 1200.000 | 655.000 | 1300.000 | 655.300 | 1400.000 |
| GR | 655.800 | 1413.000 | 647.700 | 1440.000 | 657.400 | 1469.000 | 657.300 | 1500.000 | 664.400 | 1543.000 |
| DT | 5.000 | 5180.000 | 8080.000 | 10580.000 | 15080.000 | 10580.000 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 123725.000 | 9.000 | 1272.000 | 1342.000 | 1650.000 | 1650.000 | 1650.000 | 1650.000 | 0.0 | 0.0 |
| GR | 674.900 | 1000.000 | 656.600 | 1200.000 | 656.400 | 1272.000 | 649.200 | 1306.000 | 662.700 | 1342.000 |
| GR | 663.100 | 1400.000 | 665.700 | 1500.000 | 669.900 | 1600.000 | 675.300 | 1700.000 | 0.0 | 0.0 |
| ET | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -6.400 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 123983.000 | 9.000 | 645.000 | 600.000 | 258.000 | 258.000 | 258.000 | 258.000 | 0.0 | 0.0 |
| GR | 673.700 | 0.0 | 664.100 | 300.000 | 659.500 | 400.000 | 658.100 | 500.000 | 655.100 | 545.000 |
| GR | 650.000 | 548.000 | 656.200 | 600.000 | 669.500 | 700.000 | 679.900 | 769.000 | 0.0 | 0.0 |
| X1 | 124233.000 | 14.000 | 1618.000 | 1899.000 | 250.000 | 250.000 | 250.000 | 250.000 | 0.0 | 0.0 |
| GR | 695.800 | 1000.000 | 695.800 | 1100.000 | 695.700 | 1200.000 | 695.600 | 1300.000 | 695.500 | 1400.000 |

| | | | | | | | | | | |
|----|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| GR | 676.400 | 1300.000 | 657.500 | 1600.000 | 654.000 | 1618.000 | 654.000 | 1700.000 | 654.000 | 1800.000 |
| GR | 654.000 | 1899.000 | 654.500 | 1900.000 | 676.100 | 2000.000 | 698.000 | 2100.000 | 700.000 | 2200.000 |
| SB | 0.900 | 1.500 | 2.500 | 0.0 | 0.100 | 0.010 | 0.100 | 0.0 | 0.01 | 0.0 |

RDNO DAM-TOMALEX LAKE MXLCEL 683.9 SPLWY RDELV 694.5

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 124267.000 | 0.0 | 0.0 | 0.0 | 34.000 | 34.000 | 34.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 655.000 | 694.500 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 16.000 | 1000.000 | 695.800 | 0.0 | 1100.000 | 695.800 | 0.0 | 1200.000 | 695.700 | 0.0 |
| BT | 1300.000 | 695.600 | 0.0 | 1400.000 | 695.500 | 0.0 | 1500.000 | 695.200 | 0.0 | 1600.000 |
| BT | 694.900 | 0.0 | 1618.000 | 694.500 | 0.0 | 1619.000 | 694.500 | 0.0 | 1619.100 | 683.900 |
| BT | 0.0 | 1897.900 | 683.900 | 0.0 | 1898.000 | 683.900 | 0.0 | 1899.000 | 694.500 | 0.0 |
| BT | 1900.000 | 694.500 | 0.0 | 1935.000 | 695.600 | 0.0 | 2200.000 | 700.000 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|-----------|-----------|-----------|---------|---------|---------|---------|
| X1 | 124317.000 | 9.000 | 645.000 | 600.000 | 50.000 | 50.000 | 50.000 | 0.0 | 4.800 | 0.0 |
| GR | 673.700 | 0.0 | 644.100 | 300.000 | 659.500 | 400.000 | 658.100 | 500.000 | 635.100 | 545.000 |
| GR | 650.000 | 548.000 | 656.200 | 600.000 | 669.500 | 700.000 | 679.900 | 769.000 | 0.0 | 0.0 |
| QT | 5.000 | 5175.000 | 8475.000 | 10575.000 | 15075.000 | 10575.000 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 131190.000 | 24.000 | 1884.000 | 2079.000 | 6873.000 | 6873.000 | 6873.000 | 0.0 | 0.0 | 0.0 |
| GR | 707.600 | 1000.000 | 696.100 | 1200.000 | 695.000 | 1232.000 | 692.800 | 1400.000 | 692.100 | 1800.000 |
| GR | 688.500 | 1884.000 | 688.000 | 1892.000 | 685.900 | 1899.000 | 679.600 | 1914.500 | 673.500 | 1930.000 |
| GR | 667.500 | 1945.500 | 659.900 | 1961.500 | 660.600 | 2001.500 | 667.600 | 2017.500 | 673.300 | 2033.000 |
| GR | 680.000 | 2048.500 | 683.900 | 2064.000 | 687.300 | 2072.000 | 688.500 | 2079.000 | 692.400 | 2100.000 |
| GR | 692.700 | 2400.000 | 694.100 | 2500.000 | 699.900 | 2610.000 | 705.800 | 2700.000 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|-------|-------|-----|---------|---------|----------|-----|-----|-----|
| X1 | 131290.000 | 0.0 | 0.0 | 0.0 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| SB | 1.050 | 1.500 | 2.500 | 0.0 | 195.000 | 12.600 | 3222.000 | 0.0 | 0.0 | 0.0 |

RDNO HCSR 1819 MXLCEL 690.9 RDELV 692.5

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 131311.000 | 0.0 | 0.0 | 0.0 | 21.000 | 21.000 | 21.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 690.900 | 692.100 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 18.000 | 1000.000 | 707.600 | 0.0 | 1100.000 | 709.100 | 0.0 | 1200.000 | 696.100 | 0.0 |
| BT | 1300.000 | 693.700 | 0.0 | 1400.000 | 692.800 | 0.0 | 1500.000 | 692.700 | 0.0 | 1600.000 |
| BT | 692.500 | 0.0 | 1700.000 | 692.300 | 0.0 | 1800.000 | 692.100 | 0.0 | 1884.000 | 692.500 |
| BT | 690.900 | 2079.000 | 692.500 | 690.800 | 2100.000 | 692.400 | 0.0 | 2200.000 | 692.300 | 0.0 |
| BT | 2300.000 | 692.600 | 0.0 | 2400.000 | 692.700 | 0.0 | 2500.000 | 694.100 | 0.0 | 2600.000 |
| BT | 699.500 | 0.0 | 2700.000 | 705.800 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|-----------|----------|---------|-----|-----|-----|
| X1 | 131411.000 | 0.0 | 0.0 | 0.0 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| BT | 5.000 | 3800.000 | 5900.000 | 7200.000 | 10900.000 | 7200.000 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|-----------|-----------|-----------|----------|---------|----------|
| X1 | 143160.000 | 20.000 | 2060.000 | 2106.000 | 11749.000 | 11749.000 | 11749.000 | 0.0 | -2.600 | 0.0 |
| GR | 709.900 | 1000.000 | 693.400 | 1100.000 | 688.700 | 1200.000 | 683.700 | 1300.000 | 684.000 | 1400.000 |
| GR | 684.200 | 1500.000 | 683.800 | 1600.000 | 684.600 | 1700.000 | 684.800 | 1800.000 | 685.000 | 1900.000 |
| GR | 684.700 | 2000.000 | 685.300 | 2060.000 | 680.000 | 2083.000 | 681.100 | 2100.000 | 685.500 | 2106.000 |
| GR | 685.600 | 2200.000 | 686.400 | 2300.000 | 691.500 | 2400.000 | 696.200 | 2500.000 | 700.400 | 2600.000 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 143260.000 | 24.000 | 2794.500 | 2966.500 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 709.200 | 1000.000 | 698.600 | 1200.000 | 694.900 | 1500.000 | 692.500 | 1800.000 | 692.200 | 2100.000 |
| GR | 691.700 | 2700.000 | 688.500 | 2794.500 | 688.400 | 2797.500 | 686.400 | 2801.500 | 684.900 | 2828.000 |
| GR | 684.800 | 2863.000 | 684.000 | 2870.100 | 680.900 | 2875.400 | 678.700 | 2898.000 | 679.700 | 2910.500 |
| GR | 684.900 | 2933.000 | 685.800 | 2957.100 | 688.400 | 2962.400 | 688.400 | 2966.500 | 691.500 | 3000.000 |
| GR | 691.900 | 3200.000 | 694.100 | 3300.000 | 693.400 | 3400.000 | 705.600 | 3700.000 | 0.0 | 0.0 |
| SB | 1.050 | 1.500 | 2.500 | 0.0 | 172.000 | 8.300 | 928.000 | 0.0 | 0.0 | 0.0 |

ROUND NCSR 1810

MALCEL 689.5

RDELV 691.8

142322

AH

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 143282.000 | 0.0 | 0.0 | 0.0 | 22,000 | 22,000 | 22,000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1,000 | 689,500 | 691,500 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 20,000 | 1000.000 | 709,200 | 0.0 | 1200,000 | 698,600 | 0.0 | 1500,000 | 694,900 | 0.0 |
| BT | 1800.000 | 692,500 | 0.0 | 2000,000 | 692,000 | 0.0 | 2100,000 | 692,200 | 0.0 | 2200,000 |
| BT | 692,200 | 0.0 | 2300,000 | 692,100 | 0.0 | 2400,000 | 691,900 | 0.0 | 2500,000 | 691,700 |
| BT | 0.0 | 2600,000 | 691,600 | 0.0 | 2700,000 | 691,700 | 0.0 | 2794,500 | 691,800 | 689,500 |
| BT | 2966,500 | 691,800 | 689,500 | 3000,000 | 691,500 | 0.0 | 3100,000 | 691,600 | 0.0 | 3200,000 |
| BT | 691,900 | 0.0 | 3300,000 | 694,100 | 0.0 | 3400,000 | 693,400 | 0.0 | 3700,000 | 705,600 |
| BT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|-----------|----------|---------|----------|---------|----------|
| X1 | 143382.000 | 20,000 | 2060,000 | 2106,000 | 100,000 | 100,000 | 100,000 | 0.0 | 0.0 | 0.0 |
| GR | 700,900 | 1000,000 | 693,400 | 1100,000 | 688,700 | 1200,000 | 683,700 | 1300,000 | 684,000 | 1400,000 |
| GR | 684,200 | 1500,000 | 683,800 | 1600,000 | 684,600 | 1700,000 | 684,800 | 1800,000 | 685,000 | 1900,000 |
| GR | 684,700 | 2000,000 | 685,300 | 2060,000 | 680,000 | 2083,000 | 681,100 | 2100,000 | 685,500 | 2106,000 |
| GR | 685,600 | 2200,000 | 686,400 | 2300,000 | 691,500 | 2400,000 | 696,200 | 2500,000 | 700,400 | 2600,000 |
| BT | 5,000 | 3700,000 | 5700,000 | 7000,000 | 10500,000 | 7000,000 | 0.0 | 0.0 | 0.0 | 0.0 |
| ET | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -10,400 | 0.0 | 0.0 | 0.0 | 0.0 |

AI

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 147275.000 | 16,000 | 1119,000 | 1152,000 | 3893,000 | 3893,000 | 3893,000 | 0.0 | 0.0 | 0.0 |
| GR | 705,600 | 1000,000 | 690,300 | 1100,000 | 690,500 | 1119,000 | 684,300 | 1136,000 | 690,600 | 1152,000 |
| GR | 691,300 | 1200,000 | 691,000 | 1300,000 | 690,800 | 1400,000 | 690,500 | 1500,000 | 690,000 | 1600,000 |
| GR | 689,900 | 1700,000 | 689,700 | 1800,000 | 690,000 | 1900,000 | 689,800 | 2000,000 | 690,100 | 2054,000 |
| GR | 701,500 | 2200,000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|-----------|----------|----------|----------|---------|----------|
| X1 | 152275.000 | 11,000 | 1362,000 | 1401,000 | 5000,000 | 5000,000 | 5000,000 | 0.0 | 0.0 | 0.0 |
| GR | 714,300 | 1000,000 | 707,400 | 1100,000 | 700,900 | 1200,000 | 698,600 | 1242,000 | 697,800 | 1300,000 |
| GR | 698,500 | 1362,000 | 690,800 | 1381,000 | 698,700 | 1401,000 | 697,600 | 1500,000 | 704,900 | 1600,000 |
| GR | 714,300 | 1671,000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 5,000 | 3420,000 | 5400,000 | 6800,000 | 10100,000 | 6800,000 | 0.0 | 0.0 | 0.0 | 0.0 |

156200

AT

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 156790.000 | 14,000 | 1595,000 | 1630,000 | 4515,000 | 4515,000 | 4515,000 | 0.0 | 0.0 | 0.0 |
| GR | 722,300 | 1000,000 | 718,700 | 1100,000 | 716,500 | 1200,000 | 709,800 | 1300,000 | 706,300 | 1400,000 |
| GR | 705,100 | 1500,000 | 706,400 | 1595,000 | 696,800 | 1614,000 | 706,400 | 1630,000 | 705,800 | 1700,000 |
| GR | 705,500 | 1800,000 | 705,700 | 1900,000 | 705,000 | 2000,000 | 717,600 | 2100,000 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|----------|----------|---------|----------|
| X1 | 156890.000 | 18,000 | 1701,300 | 1848,700 | 100,000 | 100,000 | 100,000 | 0.0 | 0.0 | 0.0 |
| GR | 728,900 | 1000,000 | 724,600 | 1100,000 | 724,200 | 1107,000 | 713,800 | 1400,000 | 706,300 | 1600,000 |
| GR | 704,800 | 1701,300 | 703,900 | 1730,000 | 706,100 | 1756,100 | 699,000 | 1760,000 | 698,500 | 1788,300 |
| GR | 705,300 | 1790,000 | 702,400 | 1820,000 | 702,700 | 1827,000 | 707,800 | 1848,700 | 713,000 | 2000,000 |
| GR | 719,100 | 2175,000 | 723,400 | 2300,000 | 727,100 | 2400,000 | 0.0 | 0.0 | 0.0 | 0.0 |
| GR | 1,250 | 1,500 | 2,500 | 0.0 | 147,400 | 14,000 | 1091,000 | 0.0 | 0.0 | 0.0 |

ROUND NCSR 1600

MALCEL 711.1

RDELV 713.1

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 156910.000 | 0.0 | 0.0 | 0.0 | 20,000 | 20,000 | 20,000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1,000 | 711,100 | 712,700 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 15,000 | 1000,000 | 728,900 | 0.0 | 1100,000 | 724,600 | 0.0 | 1200,000 | 721,000 | 0.0 |
| BT | 1300,000 | 717,700 | 0.0 | 1400,000 | 715,300 | 0.0 | 1500,000 | 714,000 | 0.0 | 1600,000 |
| BT | 712,700 | 0.0 | 1700,000 | 713,200 | 0.0 | 1701,300 | 713,100 | 711,100 | 1848,700 | 713,200 |
| BT | 711,100 | 1900,000 | 713,100 | 0.0 | 2000,000 | 713,000 | 0.0 | 2200,000 | 720,000 | 0.0 |
| BT | 2300,000 | 723,400 | 0.0 | 2400,000 | 727,100 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

156400

AH

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 157010.000 | 14,000 | 1595,000 | 1630,000 | 100,000 | 100,000 | 100,000 | 0.0 | 3,400 | 0.0 |
| GR | 722,300 | 1000,000 | 718,700 | 1100,000 | 716,500 | 1200,000 | 709,800 | 1300,000 | 706,300 | 1400,000 |
| GR | 705,100 | 1500,000 | 706,400 | 1595,000 | 696,800 | 1614,000 | 706,400 | 1630,000 | 705,800 | 1700,000 |

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

T1 DAVIDSON COUNTY BASIN E STREAM 1 ABBOTTS CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-6 JOB NO. 6918
 T3 100 YEAR FLOODWAY

| J1 | ICHECK | INO | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FO |
|----|--------|------|--------|-------|-------|--------|-------|-----|---------|--------|
| | -10. | 6. | 0. | 0. | 0.0 | 0.0 | 0.0 | 0. | 659.350 | 0.0 |
| J2 | NPROF | IPLT | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE |
| | 15.000 | 0.0 | -1.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

*PROF 2

CCHV= 0.100 CEHV= 0.300

*SECNO 119275.000

2800 NAT Q1= 3498.40 WSEL= 658.72 ENC Q1= 3498.40 WSEL= 659.72 RATIO= 0.0

NAT Q1= 4464. RATIOS LOB.CH.ROR= 0.4926 0.2257 0.2017 WSEL= 659.72

| SECNO | DEPTH | WSEL | CRWS | WSELK | EG | HV | HL | LOSS | BANK ELEV |
|-------|-------|------|-------|--------|------|-------|-------|--------|------------|
| G | QLOB | QCH | QROB | ALOB | ACH | AROB | VOL | TWA | LEFT/RIGHT |
| TIME | VLOB | VCH | VROB | XNL | XNCH | XNR | WTN | ELMIN | SSTA |
| SLOPE | XLOBL | XLCH | XLOBR | ITRIAL | IDC | ICONT | CORAR | TOPWID | ENOST |

| 3470 ENCROACHMENT STATIONS= | 1136.5 | 1423.4 | TYPE= | 4 | TARGET= | 0.216 | | | |
|-----------------------------|--------|--------|-------|--------|---------|-------|-----|--------|---------|
| 119275.00 | 14.55 | 659.35 | 0.0 | 658.72 | 659.82 | 0.47 | 0.0 | 0.0 | 652.20 |
| 10590. | 4801. | 3109. | 2679. | 1141. | 392. | 678. | 0. | 0. | 653.10 |
| 0.0 | 4.21 | 7.92 | 3.95 | 0.043 | 0.028 | 0.043 | 0.0 | 644.80 | 1136.54 |
| 0.001068 | 3242. | 3242. | 3242. | 0 | 0 | 0 | 0.0 | 286.87 | 1423.42 |

*SECNO 122075.000

2800 NAT Q1= 3400.06 WSEL= 661.32 ENC Q1= 3400.06 WSEL= 662.32 RATIO= 0.0

NAT Q1= 4335. RATIOS LOB.CH.ROR= 0.6366 0.3164 0.0470 WSEL= 662.32

| 3470 ENCROACHMENT STATIONS= | 1203.6 | 1499.8 | TYPE= | 4 | TARGET= | 0.216 | | | |
|-----------------------------|--------|--------|-------|--------|---------|-------|-------|--------|---------|
| 122075.00 | 14.53 | 662.23 | 0.0 | 661.32 | 662.74 | 0.50 | 2.91 | 0.01 | 655.80 |
| 10590. | 5872. | 4209. | 430. | 1483. | 564. | 150. | 142. | 19. | 657.40 |
| 0.14 | 3.96 | 7.61 | 2.86 | 0.043 | 0.028 | 0.043 | 0.028 | 647.70 | 1203.57 |
| 0.001009 | 2800. | 2800. | 2800. | 2 | 0 | 0 | 0.0 | 296.23 | 1499.80 |

*SECNO 123725.000

2800 NAT Q1= 2070.70 WSEL= 663.09 ENC Q1= 2070.70 WSEL= 664.09 RATIO= 0.0

NAT Q1= 2597. RATIOS LOB.CH.ROR= 0.3788 0.6093 0.0119 WSEL= 664.09

3301 HV CHANGED MORE THAN HVINS

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

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

100 YEAR FLOOD WATER SUR

SUMMARY PRINTOUT

| SECNO | XLCH | ELTRD | ELLC | Q | ELMIN | CWSEL | CRWS | VCH | SSTA | ENDST | AREA | DIFWSP |
|---------------|----------|-----------|--------|----------|--------|--------|------|-------|---------|---------|----------|--------|
| 119275.000 | 3242.00 | 0.0 | 0.0 | 10590.00 | 644.80 | 658.72 | 0.0 | 7.05 | 1057.37 | 1567.89 | 2712.70 | 0.0 |
| 119275.000 | 3242.00 | 0.0 | 0.0 | 10590.00 | 644.80 | 659.35 | 0.0 | 7.92 | 1136.54 | 1423.42 | 2212.28 | 0.63 |
| 122075.000 | 2800.00 | 0.0 | 0.0 | 10590.00 | 647.70 | 661.32 | 0.0 | 7.01 | 1068.89 | 1524.38 | 2590.14 | 0.0 |
| 122075.000 | 2800.00 | 0.0 | 0.0 | 10590.00 | 647.70 | 662.23 | 0.0 | 7.61 | 1203.57 | 1499.80 | 2196.45 | 0.91 |
| 123725.000 | 1650.00 | 0.0 | 0.0 | 10580.00 | 649.20 | 663.09 | 0.0 | 11.11 | 1129.08 | 1398.46 | 1322.40 | 0.0 |
| 123725.000 | 1650.00 | 0.0 | 0.0 | 10580.00 | 649.20 | 663.85 | 0.0 | 12.27 | 1220.61 | 1370.85 | 1069.79 | 0.76 |
| 123983.000 | 258.00 | 0.0 | 0.0 | 10580.00 | 650.00 | 664.21 | 0.0 | 9.12 | 296.52 | 660.23 | 1978.98 | 0.0 |
| 123983.000 | 258.00 | 0.0 | 0.0 | 10580.00 | 650.00 | 665.53 | 0.0 | 8.69 | 420.07 | 623.84 | 1821.06 | 1.32 |
| 124233.000 | 250.00 | 0.0 | 0.0 | 10580.00 | 654.00 | 664.99 | 0.0 | 3.17 | 1560.36 | 1948.58 | 3669.26 | 0.0 |
| 124233.000 | 250.00 | 0.0 | 0.0 | 10580.00 | 654.00 | 666.29 | 0.0 | 3.06 | 1618.00 | 1699.00 | 3453.83 | 1.30 |
| 124267.000 | 34.00 | 694.50 | 655.00 | 10580.00 | 654.00 | 690.03 | 0.0 | 0.81 | 1428.60 | 2063.60 | 16492.48 | 0.0 |
| 124267.000 | 34.00 | 999999.00 | 0.0 | 10580.00 | 654.00 | 691.33 | 0.0 | 0.80 | 1501.35 | 2003.29 | 16235.89 | 1.30 |
| 124317.000 | 50.00 | 0.0 | 0.0 | 10580.00 | 648.90 | 690.03 | 0.0 | 0.85 | 0.0 | 769.00 | 19909.14 | 0.0 |
| 124317.000 | 50.00 | 0.0 | 0.0 | 10580.00 | 648.90 | 691.33 | 0.0 | 0.84 | 62.47 | 743.72 | 19695.52 | 1.30 |
| 131190.000 | 6873.00 | 0.0 | 0.0 | 10575.00 | 659.90 | 689.98 | 0.0 | 3.16 | 1849.43 | 2086.98 | 3372.72 | 0.0 |
| AE-131190.000 | 6873.00 | 0.0 | 0.0 | 10575.00 | 659.90 | 691.29 | 0.0 | 2.94 | 1884.00 | 2079.00 | 3596.19 | 1.31 |
| 131290.000 | 100.00 | 0.0 | 0.0 | 10575.00 | 659.90 | 689.99 | 0.0 | 3.16 | 1849.33 | 2087.00 | 3373.77 | 0.0 |
| 131290.000 | 100.00 | 0.0 | 0.0 | 10575.00 | 659.90 | 691.30 | 0.0 | 2.94 | 1884.00 | 2079.00 | 3597.67 | 1.31 |
| 131311.000 | 21.00 | 692.10 | 690.90 | 10575.00 | 659.90 | 690.00 | 0.0 | 3.16 | 1848.98 | 2087.00 | 3377.25 | 0.0 |
| 131311.000 | 21.00 | 692.10 | 690.90 | 10575.00 | 659.90 | 690.60 | 0.0 | 3.05 | 1834.99 | 2090.31 | 3525.24 | 0.60 |
| 131411.000 | 100.00 | 0.0 | 0.0 | 10575.00 | 659.90 | 690.01 | 0.0 | 3.16 | 1848.79 | 2087.13 | 3379.29 | 0.0 |
| AF-131411.000 | 100.00 | 0.0 | 0.0 | 10575.00 | 659.90 | 691.30 | 0.0 | 2.94 | 1884.00 | 2079.00 | 3599.16 | 1.30 |
| 143160.000 | 11749.00 | 0.0 | 0.0 | 7200.00 | 677.40 | 690.71 | 0.0 | 1.27 | 1101.91 | 2438.51 | 10146.32 | 0.0 |
| 143160.000 | 11749.00 | 0.0 | 0.0 | 7200.00 | 677.40 | 691.89 | 0.0 | 1.23 | 1309.99 | 2324.32 | 9987.63 | 1.18 |
| 143260.000 | 100.00 | 0.0 | 0.0 | 7200.00 | 678.70 | 690.28 | 0.0 | 6.44 | 2741.92 | 2986.82 | 1172.31 | 0.0 |
| AG-143260.000 | 100.00 | 0.0 | 0.0 | 7200.00 | 678.70 | 691.58 | 0.0 | 5.41 | 2794.50 | 2966.50 | 1329.88 | 1.30 |

V=6.14

O ENK

| | SECNO | XLCH | ELTRD | ELLC | Q | ELMIN | CWSEL | CRIWS | VCH | SSTA | ENDST | AREA | DIFWSP |
|----|-----------------------|---------|-----------|--------|---------|--------|--------|--------|-----------|---------|---------|---------|-------------------------|
| | 142322 | | | | | | | | | | | | |
| AH | 143282.000 | 22.00 | 691.50 | 689.50 | 7200.00 | 678.70 | 691.19 | 0.0 | 5.09 5.56 | 2714.87 | 2996.72 | 1413.57 | 0.0 |
| | 143282.000 | 22.00 | 999999.00 | 0.0 | 7200.00 | 678.70 | 692.49 | 0.0 | 4.84 | 2794.50 | 2966.50 | 1487.30 | 1.50 0.82 |
| | 143382.000 | 100.00 | 0.0 | 0.0 | 7200.00 | 680.00 | 691.70 | 0.0 | 1.63 | 1136.06 | 2404.36 | 8055.82 | 0.0 |
| | 143382.000 | 100.00 | 0.0 | 0.0 | 7200.00 | 680.00 | 692.89 | 0.0 | 1.56 | 1337.49 | 2300.26 | 7975.94 | 1.18 |
| | 147275 | | | | | | | | | | | | |
| AI | 147275.000 | 3893.00 | 0.0 | 0.0 | 7000.00 | 684.30 | 692.00 | 0.0 | 9.63 | 1088.85 | 2078.41 | 1735.54 | 0.0 |
| | 147275.000 | 3893.00 | 0.0 | 0.0 | 7000.00 | 684.30 | 692.82 | 692.82 | 11.99 | 1106.65 | 1649.42 | 1271.26 | 0.82 |
| | 152275.000 | 5000.00 | 0.0 | 0.0 | 7000.00 | 690.60 | 703.00 | 0.0 | 7.37 | 1167.74 | 1573.93 | 1755.60 | 0.0 |
| | 152275.000 | 5000.00 | 0.0 | 0.0 | 7000.00 | 690.60 | 704.21 | 0.0 | 7.67 | 1265.79 | 1488.94 | 1489.15 | 1.21 0.97 |
| | 156200 | | | | | | | | | | | | |
| AJ | 156790.000 | 4515.00 | 0.0 | 0.0 | 6800.00 | 696.80 | 708.88 | 0.0 | 6.52 | 1326.31 | 2030.78 | 2222.89 | 0.0 |
| | 156790.000 | 4515.00 | 0.0 | 0.0 | 6800.00 | 696.80 | 709.85 | 0.0 | 7.17 | 1470.27 | 1866.04 | 1780.03 | 0.97 |
| | 156890.000 | 100.00 | 0.0 | 0.0 | 6800.00 | 698.50 | 708.77 | 0.0 | 6.87 | 1534.16 | 1876.90 | 1233.18 | 0.0 |
| | 156890.000 | 100.00 | 0.0 | 0.0 | 6800.00 | 698.50 | 709.69 | 0.0 | 7.17 | 1701.30 | 1848.70 | 947.89 | 0.92 |
| | 156910.000 | 20.00 | 712.70 | 711.10 | 6800.00 | 698.50 | 708.96 | 0.0 | 6.58 | 1529.16 | 1882.35 | 1298.37 | 0.0 |
| | 156910.000 | 20.00 | 712.70 | 711.10 | 6800.00 | 698.50 | 709.96 | 0.0 | 5.30 | 1502.50 | 1911.43 | 1679.34 | 1.00 |
| | 156420 | | | | | | | | | | | | |
| AK | 157010.000 | 100.00 | 0.0 | 0.0 | 6800.00 | 700.20 | 711.04 | 711.04 | 11.36 | 1361.84 | 2020.92 | 1375.12 | 0.0 |
| | 157010.000 | 100.00 | 0.0 | 0.0 | 6800.00 | 700.20 | 712.01 | 712.01 | 12.73 | 1502.77 | 1808.01 | 1003.45 | 0.97 |
| | 160625.000 | 3615.00 | 0.0 | 0.0 | 6700.00 | 705.20 | 717.31 | 0.0 | 5.36 | 1138.65 | 1781.36 | 2471.36 | 0.0 |
| AL | 160625.000 | 3615.00 | 0.0 | 0.0 | 6700.00 | 705.20 | 718.27 | 0.0 | 5.37 | 1203.06 | 1592.68 | 2192.88 | 0.96 |

SUMMARY OF ERRORS

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

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

FLOODWAY DATA, 100 YEAR FLOOD WATER SUR
 PROFILE NO. 2

| STATION | FLOODWAY | | MEAN VELOCITY | WATER SURFACE ELEVATION | | |
|--------------|---------------|-----------------|------------------|-------------------------|---------------------|------------|
| | WIDTH (FT) | SECTION AREA | | WITH FLOODWAY | WITHOUT FLOODWAY | DIFFERENCE |
| 119275.000 | 287. | 2212. | 4.8 | 659.3 | 658.7 | 0.6 |
| 122075.000 | 296. | 2196. | 4.8 | 662.2 | 661.3 | 0.9 |
| 123725.000 | 150. | 1070. | 9.9 | 663.9 | 663.1 | 0.8 |
| 123983.000 | 204. | 1821. | 5.8 | 665.5 | 664.2 | 1.3 |
| 124233.000 | 281. | 3454. | 3.1 | 666.3 | 665.0 | 1.3 |
| 124267.000 | 502. | 16236. | 0.7 | 691.3 | 690.0 | 1.3 |
| 124317.000 | 681. | 19696. | 0.5 | 691.3 | 690.0 | 1.3 |
| AE131190.000 | 195. | 3596. | 2.9 | 691.3 | 690.0 | 1.3 |
| 131290.000 | 195. | 3598. | 2.9 | 691.3 | 690.0 | 1.3 |
| 131311.000 | 255. | 3525. | 3.0 | 690.6 | 690.0 | 0.6 |
| AF131411.000 | 195. | 3599. | 2.9 | 691.3 | 690.0 | 1.3 |
| 143160.000 | 1014. | 9988. | 0.7 | 691.9 | 690.7 | 1.2 |
| AG143260.000 | 172.70 | 1330. | 5.4 | 691.6 | 690.3 | 1.3 |
| AH143282.000 | 172.70 | 1487. | 4.8 | 692.5 | 691.2 | 1.3 |
| 143382.000 | 963. | 7976. | 0.9 | 692.9 | 691.7 | 1.2 |
| AI147275.000 | 543.545 | 1271. | 5.5 | 692.8 | 692.0 | 0.8 |
| 152275.000 | 223. | 1489. | 4.7 | 704.2 | 703.0 | 1.2 |
| AJ156790.000 | 396.395 | 1780. | 3.8 | 709.9 | 708.9 | 1.0 |
| 156890.000 | 147. | 948. | 7.2 | 709.7 | 708.8 | 0.9 |
| 156910.000 | 409. | 1679. | 4.0 | 710.0 | 709.0 | 1.0 |
| AK157010.000 | 305.125 | 1003.125 | 6.8-5.0 | 712.0-711.0 | 711.0 | 1.0-0.0 |
| AL160625.000 | 390. | 2193. | 3.1 | 718.3 | 717.3 | 1.0 |

HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
ERROR CORR - 01
MODIFICATION - 50,51,52

EU

AN-AS

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PROGRAMMER=KEZIAH

ACCOUNT=RTI.A25.P03078

JOB: 7099-AROUND

JOB PARAMETERS

TIME USED INCLUDES

MISC. JOB VALUES

| | DATE | TIME | SPECIFIED | USED | | NO. | EQUIVALENT | | | |
|-----------------------|---------|------------|-----------|--------|--------|------------------|------------|----------|--------------|-------------|
| ENTERED | 8/26/77 | 11:02:36.8 | TIME | 2:00.0 | 0:21.9 | CPU | 0:05.8 | LINES IN | 195 | |
| EXECUTED | 8/26/77 | 11:02:47.6 | PAGES | 400 | 29 | UR EXCPS | 1784 | 0:07.2 | LINES OUT | 1501 |
| RETURNED | 8/26/77 | 15:24:39.3 | CARDS | 0 | 0 | DISK EXCPS | 449 | 0:09.0 | MEMORY TIME | 10945 K-SEC |
| JOB ENTERED ON FRIDAY | | | PLOTS | 0 | 0 | TAPE READ-WRITE | | 0:00.0 | PRIORITY | 02 |
| | | | | | | TAPE FILE SEARCH | | 0:00.0 | APPROX. COST | \$9.43 |

JOB CONSOLE LOG

```

N 11.02.41 JOB 4 -- RABOT2 -- JCL INTERPRETED, TUCC CPU #2
N 11.02.47 JOB 4 -- RABOT2 -- BEGINNING EXEC - INIT 2 - CLASS
L*11.02.47 JOB 4 +++++S=163,T=02,J=RABOT2 11:02:47 KEZIAH
N 11.03.05 JOB 4 END EXECUTION.

```

 HEC2 RELEASE DATED NOV 76 (UPDATED FEB 1977)
 ERROR CORR - 01
 MODIFICATION - 50,51,52

C
 T1 DAVIDSON COUNTY BASIN E STREAM 1 ABBOTTS CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

| J1 | ICHECK | INQ | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FO |
|----|-------------------------------------|----------|----------|-----------|-----------|-------------|----------|----------|----------|----------|
| | -1. | 4. | 0. | 0. | 0.0 | 0.0 | 0.0 | 0. | 664.210 | 0.0 |
| J2 | NPROF | IPLT | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE |
| | 0.0 | 0.0 | -1.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| J3 | VARIABLE CODES FOR SUMMARY PRINTOUT | | | | | | | | | |
| | 38.000 | 39.000 | 40.000 | 41.000 | 43.000 | 42.000 | 1.000 | 2.000 | 26.000 | 53.000 |
| | 54.000 | 25.000 | 50.000 | 0.0 | 200.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| NC | 0.043 | 0.043 | 0.028 | 0.100 | 0.300 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| JT | 5.000 | 5180.000 | 8480.000 | 10580.000 | 15080.000 | 10580.000 | 0.0 | 0.0 | 0.0 | 0.0 |
| ET | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -7.400 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 123983.000 | 9.000 | 545.000 | 600.000 | 258.000 | 258.000 | 258.000 | 0.0 | 0.0 | 0.0 |
| GR | 573.700 | 0.0 | 664.100 | 300.000 | 659.500 | 400.000 | 658.100 | 500.000 | 655.100 | 545.000 |
| GR | 650.000 | 548.000 | 656.200 | 600.000 | 669.500 | 700.000 | 679.900 | 769.000 | 0.0 | 0.0 |
| X1 | 124233.000 | 14.000 | 1618.000 | 1899.000 | 250.000 | 250.000 | 250.000 | 0.0 | 0.0 | 0.0 |
| GR | 695.800 | 1000.000 | 695.800 | 1100.000 | 695.700 | 1200.000 | 695.600 | 1300.000 | 695.500 | 1400.000 |
| GR | 676.400 | 1500.000 | 657.500 | 1600.000 | 654.000 | 1618.000 | 654.000 | 1700.000 | 654.000 | 1800.000 |
| GR | 654.000 | 1899.000 | 654.500 | 1900.000 | 676.100 | 2000.000 | 698.000 | 2100.000 | 700.000 | 2200.000 |
| SB | 0.900 | 1.500 | 2.500 | 0.0 | 0.100 | 0.010 | 0.100 | 0.0 | 0.0 | 0.0 |
| | RDNO DAM-TOMALEX LAKE MXLCEL 680.0 | | | | | RDELV 694.5 | | | | |
| X1 | 124267.000 | 0.0 | 0.0 | 0.0 | 34.000 | 34.000 | 34.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 0.0 | 694.500 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 16.000 | 1000.000 | 695.800 | 0.0 | 1100.000 | 695.800 | 0.0 | 1200.000 | 695.700 | 0.0 |
| BT | 1300.000 | 695.600 | 0.0 | 1400.000 | 695.500 | 0.0 | 1500.000 | 695.200 | 0.0 | 1600.000 |
| BT | 694.900 | 0.0 | 1618.000 | 694.500 | 0.0 | 1619.000 | 694.500 | 0.0 | 1619.100 | 680.000 |
| BT | 0.0 | 1897.900 | 680.000 | 0.0 | 1898.000 | 694.500 | 0.0 | 1899.000 | 694.500 | 0.0 |
| BT | 1900.000 | 694.500 | 0.0 | 1935.000 | 695.600 | 0.0 | 2200.000 | 700.000 | 0.0 | 0.0 |
| X1 | 124317.000 | 9.000 | 545.000 | 600.000 | 50.000 | 50.000 | 50.000 | 0.0 | 4.800 | 0.0 |
| GR | 673.700 | 0.0 | 644.100 | 300.000 | 659.500 | 400.000 | 658.100 | 500.000 | 655.100 | 545.000 |
| | | | 656.200 | 600.000 | 669.500 | 700.000 | 679.900 | 769.000 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|-----------|-----------|-----------|----------|----------|---------|----------|
| QT | 5.000 | 5175.000 | 8475.000 | 10575.000 | 15075.000 | 10575.000 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 131190.000 | 24.000 | 1884.000 | 2079.000 | 6873.000 | 6873.000 | 6873.000 | 0.0 | 0.0 | 0.0 |
| GR | 707.600 | 1000.000 | 696.100 | 1200.000 | 695.000 | 1232.000 | 692.800 | 1400.000 | 692.100 | 1800.000 |
| GR | 688.500 | 1884.000 | 688.000 | 1892.000 | 685.900 | 1899.000 | 679.600 | 1914.500 | 673.500 | 1930.000 |
| GR | 667.500 | 1945.500 | 659.900 | 1961.500 | 660.600 | 2001.500 | 667.600 | 2017.500 | 673.300 | 2033.000 |
| GR | 680.000 | 2048.500 | 685.900 | 2064.000 | 687.300 | 2072.000 | 688.500 | 2079.000 | 692.400 | 2100.000 |
| GR | 692.700 | 2400.000 | 694.100 | 2500.000 | 699.900 | 2610.000 | 705.300 | 2700.000 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|-------|-------|-----|---------|---------|----------|-----|-----|-----|
| X1 | 131290.000 | 0.0 | 0.0 | 0.0 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| SB | 1.050 | 1.500 | 2.500 | 0.0 | 195.000 | 12.600 | 3222.000 | 0.0 | 0.0 | 0.0 |

R0N0 NCSR 1819

MXLCEL 690.9

RDELV 692.5

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 131311.000 | 0.0 | 0.0 | 0.0 | 21.000 | 21.000 | 21.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 690.900 | 692.100 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 18.000 | 1000.000 | 707.600 | 0.0 | 1100.000 | 709.100 | 0.0 | 1200.000 | 696.100 | 0.0 |
| BT | 1300.000 | 693.700 | 0.0 | 1400.000 | 692.800 | 0.0 | 1500.000 | 692.700 | 0.0 | 1600.000 |
| BT | 692.500 | 0.0 | 1700.000 | 692.300 | 0.0 | 1800.000 | 692.100 | 0.0 | 1884.000 | 692.500 |
| BT | 690.900 | 2079.000 | 692.500 | 690.800 | 2100.000 | 692.400 | 0.0 | 2200.000 | 692.300 | 0.0 |
| BT | 2300.000 | 692.600 | 0.0 | 2400.000 | 692.700 | 0.0 | 2500.000 | 694.100 | 0.0 | 2600.000 |
| BT | 699.500 | 0.0 | 2700.000 | 705.800 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|-----------|----------|---------|-----|-----|-----|
| X1 | 131411.000 | 0.0 | 0.0 | 0.0 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| QT | 5.000 | 3800.000 | 5900.000 | 7200.000 | 10900.000 | 7200.000 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|-----------|-----------|-----------|----------|---------|----------|
| X1 | 143160.000 | 20.000 | 2060.000 | 2106.000 | 11749.000 | 11749.000 | 11749.000 | 0.0 | -2.600 | 0.0 |
| GR | 700.900 | 1000.000 | 693.400 | 1100.000 | 688.700 | 1200.000 | 683.700 | 1300.000 | 684.000 | 1400.000 |
| GR | 684.200 | 1500.000 | 683.800 | 1600.000 | 684.600 | 1700.000 | 684.800 | 1800.000 | 685.000 | 1900.000 |
| GR | 684.700 | 2000.000 | 685.300 | 2060.000 | 680.000 | 2083.000 | 681.100 | 2100.000 | 685.500 | 2106.000 |
| GR | 685.600 | 2200.000 | 686.400 | 2300.000 | 691.500 | 2400.000 | 696.200 | 2500.000 | 700.400 | 2600.000 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 143260.000 | 24.000 | 2794.500 | 2966.500 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 709.200 | 1000.000 | 688.600 | 1200.000 | 694.900 | 1500.000 | 692.500 | 1800.000 | 692.200 | 2100.000 |
| GR | 691.700 | 2700.000 | 688.500 | 2794.500 | 688.400 | 2797.500 | 686.400 | 2801.500 | 684.900 | 2828.000 |
| GR | 684.800 | 2863.000 | 684.800 | 2870.100 | 680.900 | 2875.400 | 678.700 | 2898.000 | 679.700 | 2910.500 |
| GR | 684.900 | 2933.000 | 685.800 | 2957.100 | 688.400 | 2962.400 | 688.400 | 2966.500 | 691.500 | 3000.000 |
| GR | 691.900 | 3200.000 | 694.100 | 3300.000 | 693.400 | 3400.000 | 705.600 | 3700.000 | 0.0 | 0.0 |
| SB | 1.050 | 1.500 | 2.500 | 0.0 | 172.000 | 8.300 | 928.000 | 0.0 | 0.0 | 0.0 |

R0N0 NCSR 1810

MXLCEL 689.5

RDELV 691.8

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 143282.000 | 0.0 | 0.0 | 0.0 | 22.000 | 22.000 | 22.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 689.500 | 691.500 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 20.000 | 1000.000 | 709.200 | 0.0 | 1200.000 | 698.600 | 0.0 | 1500.000 | 694.900 | 0.0 |
| BT | 1800.000 | 692.500 | 0.0 | 2000.000 | 692.000 | 0.0 | 2100.000 | 692.200 | 0.0 | 2200.000 |
| BT | 692.200 | 0.0 | 2300.000 | 692.100 | 0.0 | 2400.000 | 691.900 | 0.0 | 2500.000 | 691.700 |
| BT | 0.0 | 2600.000 | 691.600 | 0.0 | 2700.000 | 691.700 | 0.0 | 2794.500 | 691.800 | 689.500 |
| BT | 2966.500 | 691.800 | 689.500 | 3000.000 | 691.500 | 0.0 | 3100.000 | 691.600 | 0.0 | 3200.000 |
| BT | 691.900 | 0.0 | 3300.000 | 694.100 | 0.0 | 3400.000 | 693.400 | 0.0 | 3700.000 | 705.600 |
| BT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 143382.000 | 20.000 | 2060.000 | 2106.000 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 700.900 | 1000.000 | 693.400 | 1100.000 | 688.700 | 1200.000 | 683.700 | 1300.000 | 684.000 | 1400.000 |
| GR | 684.200 | 1500.000 | 683.800 | 1600.000 | 684.600 | 1700.000 | 684.800 | 1800.000 | 685.000 | 1900.000 |
| GR | 684.700 | 2000.000 | 685.300 | 2060.000 | 680.000 | 2083.000 | 681.100 | 2100.000 | 685.500 | 2106.000 |
| GR | 685.600 | 2200.000 | 686.400 | 2300.000 | 691.500 | 2400.000 | 696.200 | 2500.000 | 700.400 | 2600.000 |
| GR | 688.500 | 2700.000 | 688.500 | 2794.500 | 688.400 | 2797.500 | 686.400 | 2801.500 | 684.900 | 2828.000 |
| GR | 684.800 | 2863.000 | 684.800 | 2870.100 | 680.900 | 2875.400 | 678.700 | 2898.000 | 679.700 | 2910.500 |
| GR | 684.900 | 2933.000 | 685.800 | 2957.100 | 688.400 | 2962.400 | 688.400 | 2966.500 | 691.500 | 3000.000 |
| GR | 691.900 | 3200.000 | 694.100 | 3300.000 | 693.400 | 3400.000 | 705.600 | 3700.000 | 0.0 | 0.0 |
| SB | 1.050 | 1.500 | 2.500 | 0.0 | 172.000 | 8.300 | 928.000 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 147275.000 | 16.000 | 1119.000 | 1152.000 | 3893.000 | 3893.000 | 3893.000 | 0.0 | 0.0 | 0.0 |
| GR | 705.600 | 1000.000 | 690.300 | 1100.000 | 690.500 | 1119.000 | 604.300 | 1136.000 | 690.600 | 1152.000 |
| GR | 691.300 | 1730.000 | 691.000 | 1300.000 | 690.800 | 1400.000 | 690.500 | 1500.000 | 690.000 | 1600.000 |
| GR | 689.900 | 1700.000 | 689.700 | 1800.000 | 690.000 | 1900.000 | 689.800 | 2000.000 | 690.100 | 2054.000 |
| GR | 701.500 | 2200.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|-----------|----------|----------|----------|---------|----------|
| X1 | 152275.000 | 11.000 | 1362.000 | 1401.000 | 5000.000 | 5000.000 | 5000.000 | 0.0 | 0.0 | 0.0 |
| GR | 714.300 | 1000.000 | 707.400 | 1100.000 | 700.900 | 1200.000 | 698.600 | 1242.000 | 697.800 | 1300.000 |
| GR | 699.500 | 1362.000 | 690.600 | 1381.000 | 698.700 | 1401.000 | 697.600 | 1500.000 | 704.900 | 1600.000 |
| GR | 714.300 | 1671.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 5.000 | 3420.000 | 5600.000 | 6800.000 | 10100.000 | 6800.000 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 156790.000 | 14.000 | 1595.000 | 1630.000 | 4515.000 | 4515.000 | 4515.000 | 0.0 | 0.0 | 0.0 |
| GR | 722.300 | 1000.000 | 718.700 | 1100.000 | 716.500 | 1200.000 | 709.800 | 1300.000 | 706.300 | 1400.000 |
| GR | 705.100 | 1500.000 | 706.400 | 1595.000 | 696.800 | 1614.000 | 706.400 | 1630.000 | 705.800 | 1700.000 |
| GR | 705.500 | 1800.000 | 705.700 | 1900.000 | 705.000 | 2000.000 | 717.600 | 2100.000 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|----------|----------|---------|----------|
| X1 | 156890.000 | 18.000 | 1701.300 | 1848.700 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 728.900 | 1000.000 | 724.600 | 1100.000 | 724.200 | 1107.000 | 713.800 | 1400.000 | 706.300 | 1600.000 |
| GR | 704.800 | 1701.300 | 703.900 | 1730.000 | 706.100 | 1756.100 | 699.000 | 1760.000 | 698.500 | 1788.300 |
| GR | 705.300 | 1790.000 | 702.400 | 1820.000 | 702.700 | 1827.000 | 707.800 | 1848.700 | 713.000 | 2000.000 |
| GR | 719.100 | 2175.000 | 723.400 | 2300.000 | 727.100 | 2400.000 | 0.0 | 0.0 | 0.0 | 0.0 |
| SB | 1.250 | 1.500 | 2.500 | 0.0 | 147.400 | 14.000 | 1091.000 | 0.0 | 0.0 | 0.0 |

RDN0 NCSR 1800

MXLCEL 711.1

RDELV 713.1

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 156910.000 | 0.0 | 0.0 | 0.0 | 20.000 | 20.000 | 20.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 711.100 | 712.700 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 15.000 | 1000.000 | 728.900 | 0.0 | 1100.000 | 724.600 | 0.0 | 1200.000 | 721.000 | 0.0 |
| BT | 1300.000 | 717.700 | 0.0 | 1400.000 | 715.300 | 0.0 | 1500.000 | 714.000 | 0.0 | 1600.000 |
| BT | 712.700 | 0.0 | 1700.000 | 713.200 | 0.0 | 1701.300 | 713.100 | 711.100 | 1848.700 | 713.200 |
| BT | 711.100 | 1900.000 | 713.100 | 0.0 | 2000.000 | 713.000 | 0.0 | 2200.000 | 720.000 | 0.0 |
| BT | 2300.000 | 723.400 | 0.0 | 2400.000 | 727.100 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|-----------|----------|---------|----------|---------|----------|
| X1 | 157010.000 | 14.000 | 1595.000 | 1630.000 | 100.000 | 100.000 | 100.000 | 0.0 | 3.400 | 0.0 |
| GR | 722.300 | 1000.000 | 718.700 | 1100.000 | 716.500 | 1200.000 | 709.800 | 1300.000 | 706.300 | 1400.000 |
| GR | 705.100 | 1500.000 | 706.400 | 1595.000 | 696.800 | 1614.000 | 706.400 | 1630.000 | 705.800 | 1700.000 |
| GR | 705.500 | 1800.000 | 705.700 | 1900.000 | 705.000 | 2000.000 | 717.600 | 2100.000 | 0.0 | 0.0 |
| BT | 5.000 | 3400.000 | 5500.000 | 6700.000 | 10000.000 | 6700.000 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 160625.000 | 13.000 | 1283.000 | 1327.000 | 3615.000 | 3615.000 | 3615.000 | 0.0 | 0.0 | 0.0 |
| GR | 729.700 | 1000.000 | 719.900 | 1100.000 | 713.200 | 1200.000 | 713.600 | 1283.000 | 705.200 | 1304.000 |
| GR | 714.100 | 1327.000 | 712.500 | 1400.000 | 712.800 | 1500.000 | 713.100 | 1600.000 | 714.300 | 1700.000 |
| GR | 718.000 | 1800.000 | 721.400 | 1900.000 | 730.500 | 2000.000 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 5.000 | 3110.000 | 5150.000 | 6500.000 | 9700.000 | 6500.000 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 164575.000 | 16.000 | 1854.000 | 1892.000 | 3950.000 | 3950.000 | 3950.000 | 0.0 | -0.400 | 0.0 |
| GR | 738.500 | 1000.000 | 730.900 | 1100.000 | 724.600 | 1200.000 | 721.500 | 1300.000 | 719.600 | 1400.000 |
| GR | 720.200 | 1500.000 | 720.900 | 1600.000 | 721.600 | 1700.000 | 722.200 | 1800.000 | 720.800 | 1854.000 |
| GR | 712.600 | 1872.000 | 721.600 | 1892.000 | 721.100 | 2000.000 | 726.300 | 2200.000 | 731.800 | 2300.000 |
| GR | 737.100 | 2400.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 164675.000 | 18.000 | 1886.000 | 1929.000 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 741.100 | 1000.000 | 735.100 | 1100.000 | 729.600 | 1200.000 | 727.900 | 1300.000 | 726.200 | 1400.000 |
| GR | 726.100 | 1600.000 | 725.800 | 1700.000 | 720.800 | 1734.000 | 714.000 | 1886.000 | 712.400 | 1892.000 |
| GR | 713.100 | 1806.300 | 718.200 | 1925.000 | 718.300 | 1929.000 | 722.300 | 2082.000 | 727.300 | 2100.000 |

| | | | | | | | | | | |
|----|---------|----------|---------|----------|---------|----------|---------|-----|-----|-----|
| GR | 729,100 | 2200,000 | 733,000 | 2300,000 | 736,700 | 2400,000 | 0,0 | 0,0 | 0,0 | 0,0 |
| SB | 0,900 | 1,500 | 2,500 | 0,0 | 43,000 | 0,010 | 361,000 | 0,0 | 0,0 | 0,0 |

RDNQ NCSR 1700 MXLCEL 723.0 RDELV 725.9

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 164693,000 | 0,0 | 0,0 | 0,0 | 18,000 | 18,000 | 18,000 | 0,0 | 0,0 | 0,0 |
| X2 | 0,0 | 0,0 | 1,000 | 723,000 | 725,400 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| BT | 16,000 | 1000,000 | 741,000 | 0,0 | 1100,000 | 735,100 | 0,0 | 1200,000 | 729,600 | 0,0 |
| BT | 1300,000 | 727,900 | 0,0 | 1400,000 | 726,200 | 0,0 | 1500,000 | 726,100 | 0,0 | 1600,000 |
| BT | 726,100 | 0,0 | 1700,000 | 725,800 | 0,0 | 1800,000 | 725,500 | 0,0 | 1886,000 | 725,900 |
| BT | 723,000 | 1929,000 | 725,700 | 722,900 | 2000,000 | 725,400 | 0,0 | 2100,000 | 727,300 | 0,0 |
| BT | 2200,000 | 729,100 | 0,0 | 2300,000 | 733,000 | 0,0 | 2400,000 | 736,700 | 0,0 | 0,0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|---------|----------|---------|----------|
| X1 | 164793,000 | 16,000 | 1854,000 | 1892,000 | 100,000 | 100,000 | 100,000 | 0,0 | 0,0 | 0,0 |
| GR | 738,500 | 1000,000 | 730,900 | 1100,000 | 724,600 | 1200,000 | 721,500 | 1300,000 | 719,600 | 1400,000 |
| GR | 720,200 | 1500,000 | 720,900 | 1600,000 | 721,600 | 1700,000 | 722,200 | 1800,000 | 720,800 | 1854,000 |
| GR | 712,600 | 1872,000 | 721,600 | 1892,000 | 721,100 | 2000,000 | 726,300 | 2200,000 | 731,800 | 2300,000 |
| GR | 737,100 | 2400,000 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| BT | 5,000 | 3100,000 | 5100,000 | 6450,000 | 9650,000 | 6450,000 | 0,0 | 0,0 | 0,0 | 0,0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 166275,000 | 16,000 | 2012,000 | 2063,000 | 1482,000 | 1482,000 | 1482,000 | 0,0 | 0,0 | 0,0 |
| GR | 742,100 | 1000,000 | 732,700 | 1100,000 | 733,700 | 1200,000 | 729,700 | 1400,000 | 727,100 | 1500,000 |
| GR | 723,900 | 1600,000 | 723,000 | 1700,000 | 723,400 | 1800,000 | 723,900 | 1900,000 | 724,200 | 2000,000 |
| GR | 724,000 | 2012,000 | 716,300 | 2036,000 | 724,600 | 2063,000 | 723,200 | 2200,000 | 723,000 | 2300,000 |
| GR | 732,900 | 2400,000 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 167525,000 | 15,000 | 1600,000 | 1644,000 | 1250,000 | 1250,000 | 1250,000 | 0,0 | 0,0 | 0,0 |
| GR | 746,000 | 1000,000 | 738,400 | 1100,000 | 732,900 | 1200,000 | 730,200 | 1300,000 | 727,100 | 1400,000 |
| GR | 727,600 | 1500,000 | 727,300 | 1600,000 | 718,800 | 1625,000 | 726,600 | 1644,000 | 726,400 | 1700,000 |
| GR | 726,500 | 1800,000 | 727,200 | 1900,000 | 731,400 | 2000,000 | 738,900 | 2100,000 | 743,800 | 2200,000 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|----------|----------|---------|----------|
| X1 | 167625,000 | 19,000 | 1636,700 | 1773,300 | 100,000 | 100,000 | 100,000 | 0,0 | 0,0 | 0,0 |
| GR | 753,500 | 1000,000 | 734,000 | 1200,000 | 733,400 | 1636,700 | 732,300 | 1641,700 | 728,600 | 1649,100 |
| GR | 726,800 | 1669,000 | 721,600 | 1679,000 | 721,400 | 1681,000 | 719,900 | 1710,300 | 724,900 | 1724,000 |
| GR | 724,800 | 1729,000 | 724,400 | 1745,700 | 731,900 | 1766,000 | 731,800 | 1773,300 | 734,000 | 1900,000 |
| GR | 739,100 | 2200,000 | 741,900 | 2300,000 | 745,500 | 2400,000 | 749,900 | 2500,000 | 0,0 | 0,0 |
| SB | 1,250 | 1,500 | 2,500 | 0,0 | 136,600 | 5,600 | 1030,000 | 0,0 | 0,0 | 0,0 |

RDNQ NC #109 MXLCEL 733.4 RDELV 737.4

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 167645,000 | 0,0 | 0,0 | 0,0 | 23,000 | 23,000 | 23,000 | 0,0 | 0,0 | 0,0 |
| X2 | 0,0 | 0,0 | 1,000 | 733,400 | 737,100 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| BT | 17,000 | 1000,000 | 753,500 | 0,0 | 1100,000 | 746,800 | 0,0 | 1200,000 | 741,600 | 0,0 |
| BT | 1300,000 | 738,400 | 0,0 | 1400,000 | 737,200 | 0,0 | 1500,000 | 737,200 | 0,0 | 1600,000 |
| BT | 737,100 | 0,0 | 1636,700 | 737,400 | 733,400 | 1773,300 | 737,400 | 733,400 | 1800,000 | 737,400 |
| BT | 0,0 | 1900,000 | 737,300 | 0,0 | 2000,000 | 737,200 | 0,0 | 2100,000 | 737,400 | 0,0 |
| BT | 2200,000 | 739,100 | 0,0 | 2300,000 | 741,900 | 0,0 | 2400,000 | 745,500 | 0,0 | 2500,000 |
| BT | 749,900 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|---------|----------|---------|----------|
| X1 | 167748,000 | 15,000 | 1600,000 | 1644,000 | 100,000 | 100,000 | 100,000 | 0,0 | 2,200 | 0,0 |
| GR | 746,000 | 1000,000 | 738,400 | 1100,000 | 732,900 | 1200,000 | 730,200 | 1300,000 | 727,100 | 1400,000 |
| GR | 727,600 | 1500,000 | 727,300 | 1600,000 | 718,800 | 1625,000 | 726,600 | 1644,000 | 726,400 | 1700,000 |
| GR | 726,500 | 1800,000 | 727,200 | 1900,000 | 731,400 | 2000,000 | 738,900 | 2100,000 | 743,800 | 2200,000 |
| BT | 5,000 | 2490,000 | 4000,000 | 5000,000 | 7500,000 | 5000,000 | 0,0 | 0,0 | 0,0 | 0,0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 170400,000 | 16,000 | 1171,000 | 1207,000 | 2652,000 | 2652,000 | 2652,000 | 0,0 | 0,0 | 0,0 |
| GR | 749,900 | 1000,000 | 730,200 | 1100,000 | 730,700 | 1171,000 | 723,500 | 1186,000 | 731,900 | 1207,000 |
| GR | 730,000 | 1300,000 | 730,300 | 1400,000 | 732,900 | 1500,000 | 734,500 | 1600,000 | 735,700 | 1700,000 |

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

T1 DAVIDSON COUNTY BASIN E. STREAM 1 ABBOTTS CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-6 JOB NO. 6918
 T3 100 YEAR FLOODWAY

| J1 | ICHECK | ING | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FR |
|----|--------|------|--------|-------|-------|--------|-------|-----|---------|--------|
| | -10. | 6. | 0. | 0. | 0.0 | 0.0 | 0.0 | 0. | 665.100 | 0.0 |
| J2 | NPROF | IPLT | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE |
| | 15.000 | 0.0 | -1.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

*PROF 2

CCHV= 0.100 CEHV= 0.300

*SECNO 123983.000

2800 NAT Q1= 2952.63 WSEL= 664.21 ENC Q1= 2952.63 WSEL= 664.91 RATIO= 0.0

| SECNO | DEPTH | CWSEL | CRWS | WSELK | EG | HV | HL | OLOSS | BANK ELEV |
|-------|-------|-------|-------|--------|--------|--------|-------|--------|------------|
| Q | QLOB | QCH | QROB | ALOB | ACH | AROB | VOL | TWA | LEFT/RIGHT |
| TIME | VLOB | VCH | VROB | XNL | XNCH | XNR | WTN | ELMIN | SSTA |
| SLOPE | XLORL | XLCH | XLORR | ITRIAL | IDC | JCONT | CCRAR | TOPWID | ENDST |
| | | | | 0.4243 | 0.5000 | 0.0756 | | 664.91 | |

| 3470 ENCROACHMENT STATIONS= | 427.2 | 622.5 | TYPE= | 4 | TARGET= | 0.145 |
|-----------------------------|-------|--------|-------|--------|---------|-------|
| 123983.00 | 15.10 | 665.10 | 0.0 | 664.21 | 666.00 | 0.90 |
| 10580. | 3779. | 6154. | 647. | 855. | 662. | 167. |
| 0.0 | 4.42 | 9.30 | 3.88 | 0.043 | 0.028 | 0.043 |
| 0.001204 | 258. | 258. | 258. | 0 | 0 | 0 |

*SECNO 124233.000

2800 NAT Q1= 8754.66 WSEL= 664.99 ENC Q1= 8981.19 WSEL= 665.69 RATIO= -0.0259

NAT Q1= 9748. RATIOS LOB,CH,ROB= 0.0449 0.9213 0.0336 WSEL= 665.69

3301 HV CHANGED MORE THAN HVINS

| 3470 ENCROACHMENT STATIONS= | 1618.0 | 1899.0 | TYPE= | 4 | TARGET= | 0.079 |
|-----------------------------|--------|--------|-------|--------|---------|-------|
| 124233.00 | 12.00 | 666.00 | 0.0 | 664.99 | 666.16 | 0.15 |
| 10580. | 0. | 10580. | 0. | 0. | 3373. | 0. |
| 0.02 | 0.0 | 3.14 | 0.0 | 0.043 | 0.028 | 0.043 |
| 0.000142 | 250. | 250. | 250. | 2 | 0 | 0 |

SPECIAL BRIDGE

5079.VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

WVOR COFQ EDLEN BWC BWP BAREA SS ELCHU ELCHD

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

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

100 YEAR FLOOD WATER SUR

SUMMARY PRINTOUT

| SECNO | XLCH | ELTRD | ELLC | Q | ELMIN | CWSEL | CRWS | VCH | SSTA | ENDST | AREA | DIFWSP |
|-----------------------------|-------------------|----------------|----------------|---------------------|-------------------|-------------------|----------------|-----------------|-------------------|-------------------|--------------------|-----------------|
| 123983.000 | 258.00 | 0.0 | 0.0 | 10580.00 | 650.00 | 664.21 | 0.0 | 9.15 | 296.55 | 660.25 | 1978.61 | 0.0 |
| 123983.000 | 258.00 | 0.0 | 0.0 | 10580.00 | 650.00 | 665.10 | 0.0 | 9.30 | 427.16 | 622.52 | 1683.63 | 0.89 |
| 124233.000 | 250.00 | 0.0 | 0.0 | 10580.00 | 654.00 | 664.99 | 0.0 | 3.17 | 1560.36 | 1948.57 | 3668.90 | 0.0 |
| 124233.000 | 250.00 | 0.0 | 0.0 | 10580.00 | 654.00 | 666.00 | 0.0 | 3.14 | 1618.00 | 1899.00 | 3373.36 | 1.01 |
| <i>122575</i> 124257.000 | 34.00 | 694.50 | 0.0 | 10580.00 | 654.00 | 686.13 | 0.0 | 0.93 | 1449.05 | 2045.81 | 14086.85 | 0.0 |
| 124257.000 | 34.00 | 999999.00 | 0.0 | 7580.00 | 654.00 | 687.14 | 0.0 | 0.93 | 1524.37 | 1984.34 | 13595.77 | 1.01 |
| 124317.000 | 50.00 | 0.0 | 0.0 | 10580.00 | 648.90 | 686.13 | 0.0 | 1.01 | 0.0 | 769.00 | 16907.67 | 0.0 |
| 124317.000 | 50.00 | 0.0 | 0.0 | 10580.00 | 648.90 | 687.14 | 0.0 | 1.01 | 95.57 | 722.10 | 16127.85 | 1.01 |
| <i>130150</i> 131190.000 | 6873.00 | 0.0 | 0.0 | 10575.00 | 659.90 | 686.05 | 0.0 | 4.04 | 1898.50 | 2064.86 | 2615.84 | 0.0 |
| AE 131190.000 | 6873.00 | 0.0 | 0.0 | 10575.00 | 659.90 | 687.08 | 0.0 | 3.79 | 1895.07 | 2070.74 | 2792.01 | 1.03 |
| 131290.000 | 100.00 | 0.0 | 0.0 | 10575.00 | 659.90 | 686.07 | 0.0 | 4.04 | 1898.47 | 2064.90 | 2617.15 | 0.0 |
| 131290.000 | 100.00 | 0.0 | 0.0 | 10575.00 | 659.90 | 687.09 | 0.0 | 3.78 | 1895.02 | 2070.82 | 2794.40 | 1.03 |
| 131311.000 | 21.00 | 692.10 | 690.90 | 10575.00 | 659.90 | 686.78 | 0.0 | 4.03 | 1898.38 | 2065.05 | 2621.62 | 0.0 |
| 131311.000 | 21.00 | 692.10 | 690.90 | 10575.00 | 659.90 | 686.78 | 0.0 | 3.86 | 1896.05 | 2069.05 | 2740.50 | 0.70 |
| <i>130271</i> 131411.000 | 100.00 | 0.0 | 0.0 | 10575.00 | 659.90 | 686.10 | 0.0 | 4.03 | 1898.33 | 2065.15 | 2624.27 | 0.0 |
| AF 131411.000 | 100.00 | 0.0 | 0.0 | 10575.00 | 659.90 | 687.11 | 0.0 | 3.78 | 1894.97 | 2070.91 | 2797.21 | 1.01 |
| <i>142200</i> 143160.000 | 11749.00 | 0.0 | 0.0 | 7200.00 | 677.40 | 687.83 | 0.0 | 2.08 | 1163.10 | 2379.10 | 6477.32 | 0.0 |
| AG 143160.000 | 11749.00 | 0.0 | 0.0 | 7200.00 | 677.40 | 688.66 | 0.0 | 2.15 | 1383.50 | 2281.46 | 5974.09 | 0.82 |
| * 143260.000 | 100.00 | 0.0 | 0.0 | 7200.00 | 678.70 | 687.61 | 687.61 | 11.01 | 2799.08 | 2960.79 | 653.97 | 0.0 |
| * 143260.000 | 100.00 | 0.0 | 0.0 | 7200.00 | 678.70 | 687.63 | 687.63 | 10.96 | 2799.05 | 2960.82 | 656.82 | 0.02 |
| 143282.000 | 22.00 | 691.50 | 639.50 | 7200.00 | 678.70 | 688.10 | 0.0 | 9.81 | 2798.10 | 2961.79 | 733.61 | 0.0 |
| 143282.000 | 22.00 | 691.50 | 639.50 | 7200.00 | 678.70 | 688.80 | 0.0 | 8.45 | 2785.69 | 2970.81 | 853.70 | 0.70 |
| <i>142322</i> 143382.000 | 100.00 | 0.0 | 0.0 | 7200.00 | 680.00 | 689.75 | 0.0 | 2.42 | 1177.68 | 2365.66 | 5653.75 | 0.0 |
| AH 143382.000 | 100.00 | 0.0 | 0.0 | 7200.00 | 680.00 | 690.02 | 0.0 | 2.30 | 1400.27 | 2271.03 | 4718.89 | 0.27 |
| * 147275.000 | 3893.00 | 0.0 | 0.0 | 7000.00 | 684.30 | 691.79 | 691.79 | 11.25 | 1090.28 | 2075.60 | 1519.35 | 0.0 |
| AI 147275.000 | 3893.00 | 0.0 | 0.0 | 7000.00 | 684.30 | 692.55 | 692.55 | 12.02 | 1105.65 | 1714.97 | 1299.01 | 0.76 |

| | SECNO | XLCH | ELTRD | ELLC | Q | ELMIN | CWSEL | CRIWS | VCH | SSTA | ENDST | AREA | DIFWSP |
|----|------------|---------|-----------|--------|---------|--------|--------|--------|-------|---------|---------|---------|--------|
| AJ | 152275.000 | 5000.00 | 0.0 | 0.0 | 7000.00 | 690.60 | 703.23 | 0.0 | 6.98 | 1164.18 | 1577.10 | 1850.46 | 0.0 |
| | 152275.000 | 5000.00 | 0.0 | 0.0 | 7000.00 | 690.60 | 703.88 | 0.0 | 7.33 | 1249.83 | 1500.45 | 1575.30 | 0.65 |
| AK | 156790.000 | 4515.00 | 0.0 | 0.0 | 6800.00 | 696.80 | 708.81 | 0.0 | 6.71 | 1328.46 | 2030.19 | 2169.97 | 0.0 |
| | 156790.000 | 4515.00 | 0.0 | 0.0 | 6800.00 | 696.80 | 709.49 | 0.0 | 7.16 | 1454.29 | 1900.67 | 1831.93 | 0.68 |
| | 156890.000 | 100.00 | 0.0 | 0.0 | 6800.00 | 698.50 | 708.70 | 0.0 | 6.98 | 1535.95 | 1874.93 | 1210.19 | 0.0 |
| | 156890.000 | 100.00 | 0.0 | 0.0 | 6800.00 | 698.50 | 709.25 | 0.0 | 7.69 | 1701.30 | 1848.70 | 884.19 | 0.55 |
| | 156910.000 | 20.00 | 712.70 | 711.10 | 6800.00 | 698.50 | 708.90 | 0.0 | 6.66 | 1530.66 | 1880.71 | 1278.63 | 0.0 |
| | 156910.000 | 20.00 | 712.70 | 711.10 | 6800.00 | 698.50 | 709.60 | 0.0 | 5.71 | 1511.99 | 1901.08 | 1537.31 | 0.70 |
| AL | 157010.000 | 100.00 | 0.0 | 0.0 | 6800.00 | 700.20 | 711.04 | 711.04 | 11.35 | 1361.83 | 2020.92 | 1375.28 | 0.0 |
| | 157010.000 | 100.00 | 0.0 | 0.0 | 6800.00 | 700.20 | 711.71 | 711.71 | 12.35 | 1487.24 | 1852.21 | 1083.75 | 0.68 |
| AM | 160625.000 | 3615.00 | 0.0 | 0.0 | 6700.00 | 705.20 | 717.31 | 0.0 | 5.36 | 1138.65 | 1781.35 | 2471.28 | 0.0 |
| | 160625.000 | 3615.00 | 0.0 | 0.0 | 6700.00 | 705.20 | 718.11 | 0.0 | 5.54 | 1203.06 | 1592.69 | 2132.03 | 0.81 |
| AM | 164575.000 | 3950.00 | 0.0 | 0.0 | 6500.00 | 712.20 | 722.42 | 0.0 | 9.86 | 1257.26 | 2066.35 | 1538.67 | 0.0 |
| | 164575.000 | 3950.00 | 0.0 | 0.0 | 6500.00 | 712.20 | 723.00 | 0.0 | 11.22 | 1479.19 | 1973.09 | 1228.46 | 0.58 |
| | 164675.000 | 100.00 | 0.0 | 0.0 | 6500.00 | 712.40 | 722.82 | 0.0 | 7.36 | 1720.26 | 2083.88 | 1578.25 | 0.0 |
| | 164675.000 | 100.00 | 0.0 | 0.0 | 6500.00 | 712.40 | 723.64 | 0.0 | 7.63 | 1811.13 | 1996.51 | 1288.08 | 0.83 |
| | 164693.000 | 18.00 | 725.40 | 723.00 | 6500.00 | 712.40 | 726.80 | 0.0 | 3.58 | 1364.42 | 2098.22 | 3333.18 | 0.0 |
| | 164693.000 | 18.00 | 999999.00 | 0.0 | 6500.00 | 712.40 | 727.63 | 0.0 | 3.66 | 1749.56 | 2047.49 | 2926.21 | 0.83 |
| AN | 164793.000 | 100.00 | 0.0 | 0.0 | 6500.00 | 712.60 | 726.88 | 0.0 | 2.45 | 1163.93 | 2210.41 | 5347.22 | 0.0 |
| | 164793.000 | 100.00 | 0.0 | 0.0 | 6500.00 | 712.60 | 727.72 | 0.0 | 2.51 | 1366.11 | 2061.35 | 4782.30 | 0.84 |
| AO | 166275.000 | 1482.00 | 0.0 | 0.0 | 6450.00 | 716.30 | 727.14 | 0.0 | 4.74 | 1498.34 | 2341.85 | 2810.60 | 0.0 |
| | 166275.000 | 1482.00 | 0.0 | 0.0 | 6450.00 | 716.30 | 727.94 | 0.0 | 4.93 | 1704.65 | 2251.19 | 2450.76 | 0.80 |
| AP | 167525.000 | 1250.00 | 0.0 | 0.0 | 6450.00 | 718.80 | 728.95 | 728.95 | 11.02 | 1340.23 | 1941.74 | 1266.88 | 0.0 |
| | 167525.000 | 1250.00 | 0.0 | 0.0 | 6450.00 | 718.80 | 729.60 | 729.60 | 12.05 | 1477.91 | 1769.67 | 949.23 | 0.65 |
| * | 167625.000 | 100.00 | 0.0 | 0.0 | 6450.00 | 719.90 | 728.70 | 728.70 | 12.55 | 1648.91 | 1757.33 | 513.81 | 0.0 |
| | 167625.000 | 100.00 | 0.0 | 0.0 | 6450.00 | 719.90 | 729.89 | 0.0 | 9.98 | 1646.52 | 1760.55 | 646.41 | 1.19 |
| | 167648.000 | 23.00 | 737.10 | 733.40 | 6450.00 | 719.90 | 729.56 | 0.0 | 10.59 | 1647.18 | 1759.66 | 608.94 | 0.0 |
| | 167648.000 | 23.00 | 737.10 | 733.40 | 6450.00 | 719.90 | 730.26 | 0.0 | 9.36 | 1645.78 | 1761.55 | 688.82 | 0.70 |
| AQ | 167748.000 | 100.00 | 0.0 | 0.0 | 6450.00 | 721.00 | 731.20 | 731.20 | 10.77 | 1338.72 | 1942.85 | 1294.99 | 0.0 |
| | 167748.000 | 100.00 | 0.0 | 0.0 | 6450.00 | 721.00 | 731.77 | 731.77 | 12.06 | 1475.72 | 1772.02 | 952.38 | 0.57 |
| AR | 170400.000 | 2652.00 | 0.0 | 0.0 | 5000.00 | 723.50 | 735.36 | 0.0 | 4.45 | 1076.13 | 1671.51 | 2169.37 | 0.0 |
| | 170400.000 | 2652.00 | 0.0 | 0.0 | 5000.00 | 723.50 | 736.28 | 0.0 | 4.54 | 1110.46 | 1419.08 | 1871.17 | 0.91 |
| AS | 172400.000 | 2000.00 | 0.0 | 0.0 | 4990.00 | 726.60 | 736.80 | 0.0 | 6.49 | 1082.97 | 1589.62 | 1551.97 | 0.0 |
| | 172400.000 | 2000.00 | 0.0 | 0.0 | 4990.00 | 726.60 | 737.56 | 0.0 | 6.84 | 1209.67 | 1519.47 | 1312.10 | 0.75 |

SUMMARY OF ERRORS

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

FLOODWAY DATA, 100 YEAR FLOOD WATER SUR
 PROFILE NO. 2

| STATION | FLOODWAY | | MEAN VELOCITY | WATER SURFACE ELEVATION | | DIFFERENCE |
|------------|------------|--------------|---------------|-------------------------|------------------|------------|
| | WIDTH (FT) | SECTION AREA | | WITH FLOODWAY | WITHOUT FLOODWAY | |
| 123983.000 | 195. | 1684. | 6.3 | 665.1 | 664.2 | 0.9 |
| 124233.000 | 281. | 3373. | 3.1 | 666.0 | 665.0 | 1.0 |
| 124267.000 | 460. | 13596. | 0.8 | 687.1 | 686.1 | 1.0 |
| 124317.000 | 627. | 16128. | 0.7 | 687.1 | 686.1 | 1.0 |
| 131190.000 | 176. | 2792. | 3.8 | 687.0 | 686.0 | 1.0 |
| 131290.000 | 176. | 2794. | 3.8 | 687.1 | 686.1 | 1.0 |
| 131311.000 | 173. | 2740. | 3.9 | 686.8 | 686.1 | 0.7 |
| 131411.000 | 176. | 2797. | 3.8 | 687.1 | 686.1 | 1.0 |
| 143160.000 | 898. | 5974. | 1.2 | 688.6 | 687.8 | 0.8 |
| 143260.000 | 162. | 657. | 11.0 | 687.6 | 687.6 | 0.0 |
| 143282.000 | 185. | 854. | 8.4 | 688.8 | 688.1 | 0.7 |
| 143382.000 | 871. | 4719. | 1.5 | 690.1 | 689.8 | 0.3 |
| 147275.000 | 609. | 1299. | 5.4 | 692.6 | 691.8 | 0.8 |
| 152275.000 | 251. | 1575. | 4.4 | 703.8 | 703.2 | 0.6 |
| 156790.000 | 446. | 1832. | 3.7 | 709.5 | 708.8 | 0.7 |
| 156890.000 | 147. | 884. | 7.7 | 709.3 | 708.7 | 0.6 |
| 156910.000 | 389. | 1537. | 4.4 | 709.6 | 708.9 | 0.7 |
| 157010.000 | 365. | 1084. | 6.3 | 711.7 | 711.0 | 0.7 |
| 160625.000 | 390. | 2132. | 3.1 | 718.1 | 717.3 | 0.8 |
| 164575.000 | 494. | 1228. | 5.3 | 723.0 | 722.4 | 0.6 |
| 164675.000 | 185. | 1288. | 5.0 | 723.6 | 722.8 | 0.8 |
| 164693.000 | 298. | 2926. | 2.2 | 727.6 | 726.8 | 0.8 |
| 164793.000 | 695. | 4782. | 1.4 | 727.7 | 726.9 | 0.8 |
| 166275.000 | 547. | 2451. | 2.6 | 727.9 | 727.1 | 0.8 |
| 167525.000 | 292. | 949. | 6.8 | 729.6 | 729.0 | 0.6 |
| 167625.000 | 114. | 646. | 10.0 | 729.9 | 728.7 | 1.2 |
| 167648.000 | 116. | 689. | 9.4 | 730.3 | 729.6 | 0.7 |
| 167748.000 | 296. | 952. | 6.8 | 731.8 | 731.2 | 0.6 |
| 170400.000 | 309. | 1871. | 2.7 | 736.3 | 735.4 | 0.9 |
| 172400.000 | 310. | 1312. | 3.8 | 737.6 | 736.8 | 0.8 |

SEE SUMMARY
 FOR STA NO.

HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
ERROR CORR - 01
MODIFICATION - 50,51,52

EJ

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123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901
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BASIN BY STREAM I
ABBOTT'S CREEK
Sections AT-EB

```

PROGRAMMER=KEZIAH

ACCOUNT=RTI.A25.P03070

| JOB TURN-AROUND | | JOB PARAMETERS | | TIME USED INCLUDES | | | MISC. JOB VALUES | | |
|-----------------------|---------|----------------|-----------|--------------------|--------|------------------|------------------|--------------|------------|
| | DATE | TIME | SPECIFIED | USED | NO. | EQUIVALENT | | | |
| ENTERED | 8/26/77 | 11:15:58.1 | TIME | 2:00.0 | 0:19.9 | CPU | | LINES IN | 160 |
| EXECUTED | 8/26/77 | 11:16:11.5 | PAGES | 400 | 24 | UR EXCPS | 1504 | LINES OUT | 1260 |
| RETURNED | 8/26/77 | 15:31:14.1 | CARDS | 0 | 0 | DISK EXCPS | 448 | MEMORY TIME | 9970 K-SEC |
| JOB ENTERED ON FRIDAY | | | PLOTS | 0 | 0 | TAPE READ-WRITE | 0:00.0 | PRIORITY | 02 |
| | | | | | | TAPE FILE SEARCH | 0:00.0 | APPROX. COST | \$8.39 |

JOB CONSOLE LOG

```

N 11.16.06 JOB 9 -- RABOT3 -- JCL INTERPRETED, TUCC CPU #2
N 11.16.11 JOB 9 -- RABOT3 -- BEGINNING EXEC - INIT 3 - CLASS
L 11.16.11 JOB 9 +++++S=163,T=02,J=RABOT3 11:16:11 KEZIAH
N 11.16.25 JOB 9 END EXECUTION,

```

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

C
 T1 DAVIDSON COUNTY BASIN E STREAM 1 ABBOTTS CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

| J1 | ICHECK | INQ | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FQ |
|-----|-------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | -1. | 4. | 0. | 0. | 0.0 | 0.0 | 0.0 | 0. | 736.800 | 0.0 |
| J2 | NPROF | IPLT | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE |
| | 0.0 | 0.0 | -1.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| J3. | VARIABLE CODES FOR SUMMARY PRINTOUT | | | | | | | | | |
| | 38.000 | 39.000 | 40.000 | 41.000 | 43.000 | 42.000 | 1.000 | 2.000 | 26.000 | 53.000 |
| | 54.000 | 25.000 | 50.000 | 0.0 | 200.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| VC | 0.043 | 0.043 | 0.020 | 0.100 | 0.300 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| QT | 5.000 | 2480.000 | 3990.000 | 4990.000 | 7490.000 | 4990.000 | 0.0 | 0.0 | 0.0 | 0.0 |
| ET | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -8.400 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 172400.000 | 10.000 | 1447.000 | 1485.000 | 2000.000 | 2000.000 | 2000.000 | 0.0 | 0.0 | 0.0 |
| GR | 752.900 | 1000.000 | 733.500 | 1100.000 | 733.500 | 1200.000 | 733.400 | 1300.000 | 734.000 | 1400.000 |
| GR | 734.600 | 1447.000 | 726.600 | 1468.000 | 733.300 | 1485.000 | 740.500 | 1700.000 | 752.900 | 1897.000 |
| X1 | 172700.000 | 15.000 | 1749.000 | 1856.000 | 300.000 | 300.000 | 300.000 | 0.0 | 0.0 | 0.0 |
| GR | 755.000 | 1000.000 | 749.000 | 1172.000 | 737.800 | 1400.000 | 732.900 | 1749.000 | 732.700 | 1755.100 |
| GR | 727.900 | 1761.900 | 727.800 | 1782.800 | 730.400 | 1787.800 | 733.300 | 1796.000 | 733.600 | 1826.000 |
| GR | 733.100 | 1840.600 | 735.600 | 1856.000 | 738.000 | 2097.000 | 750.000 | 2507.000 | 755.000 | 2593.000 |
| SB | 1.250 | 1.500 | 2.500 | 0.0 | 107.000 | 4.000 | 566.000 | 0.0 | 0.0 | 0.0 |
| | RDNO | NCSR | 1755 | MXLCEL | 737.3 | RDCLV | 740.0 | | | |
| X1 | 172720.000 | 0.0 | 0.0 | 0.0 | 20.000 | 20.000 | 20.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 737.300 | 739.500 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 18.000 | 1000.000 | 755.000 | 0.0 | 1100.000 | 751.900 | 0.0 | 1200.000 | 748.800 | 0.0 |
| BT | 1300.000 | 746.300 | 0.0 | 1400.000 | 743.800 | 0.0 | 1500.000 | 742.200 | 0.0 | 1600.000 |
| BT | 740.600 | 0.0 | 1700.000 | 740.200 | 0.0 | 1749.000 | 740.000 | 737.300 | 1856.000 | 739.900 |
| BT | 737.300 | 1900.000 | 739.600 | 0.0 | 2000.000 | 739.500 | 0.0 | 2100.000 | 740.900 | 0.0 |
| BT | 2200.000 | 742.300 | 0.0 | 2300.000 | 744.800 | 0.0 | 2400.000 | 747.200 | 0.0 | 2500.000 |
| BT | 751.500 | 0.0 | 2593.000 | 755.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 173020.000 | 10.000 | 1447.000 | 1485.000 | 300.000 | 300.000 | 300.000 | 0.0 | 0.0 | 0.0 |
| GR | 752.900 | 1000.000 | 733.500 | 1100.000 | 733.500 | 1200.000 | 733.400 | 1300.000 | 734.000 | 1400.000 |

AT

GR 734.600 1447.000 726.600 1468.000 733.300 1485.000 740.500 1700.000 752.900 1897.000

X1 175100.000 13.000 1439.000 1494.000 2080.000 2080.000 2080.000 0.0 0.0 0.0
GR 755.600 1000.000 742.600 1100.000 738.900 1200.000 739.300 1300.000 740.200 1400.000
GR 740.700 1439.000 734.400 1468.000 740.400 1494.000 740.700 1600.000 740.100 1700.000
GR 739.600 1800.000 743.900 2000.000 749.600 2100.000 0.0 0.0 0.0 0.0
QT 5.000 2390.000 3900.000 4800.000 7300.000 4800.000 0.0 0.0 0.0 0.0

X1 179375.000 13.000 1095.000 1133.000 4275.000 4275.000 4275.000 0.0 2.100 0.0
GR 765.700 1000.000 747.900 1095.000 741.500 1114.000 746.800 1133.000 748.600 1200.000
GR 747.900 1300.000 747.400 1400.000 748.300 1500.000 749.600 1600.000 753.000 1700.000
GR 754.700 1800.000 761.900 1900.000 765.700 1946.000 0.0 0.0 0.0 0.0

X1 179475.000 17.000 1177.000 1257.000 100.000 100.000 100.000 0.0 0.0 0.0
GR 769.300 1000.000 756.000 1060.000 753.300 1085.400 750.900 1177.000 749.600 1187.200
GR 745.100 1201.200 744.600 1217.000 744.900 1236.200 747.900 1248.500 749.800 1257.000
GR 750.000 1400.000 750.400 1500.000 750.900 1600.000 753.800 1700.000 756.600 1800.000
GR 764.100 1900.000 769.300 1980.000 0.0 0.0 0.0 0.0 0.0 0.0
SB 1.250 1.500 2.500 0.0 80.000 2.000 408.000 0.0 0.0 0.0

RDND GOLF CART TRAIL MXLCEL 752.6

RDELV 754.3

X1 179484.000 0.0 0.0 0.0 9.000 9.000 9.000 0.0 0.0 0.0
X2 0.0 0.0 1.000 752.600 0.0 0.0 0.0 0.0 0.0 0.0
BT 14.000 1000.000 769.300 0.0 1060.000 756.000 0.0 1085.000 753.300 0.0
BT 1177.000 753.600 751.900 1217.000 754.300 752.600 1257.000 752.900 751.200 1300.000
BT 751.200 0.0 1400.000 750.000 0.0 1500.000 750.400 0.0 1600.000 750.900
BT 0.0 1700.000 753.800 0.0 1800.000 756.600 0.0 1900.000 764.100 0.0
BT 1980.000 769.300 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

X1 179584.000 13.000 1095.000 1133.000 100.000 100.000 100.000 0.0 4.100 0.0
GR 765.700 1000.000 747.900 1095.000 741.500 1114.000 746.800 1133.000 748.600 1200.000
GR 747.900 1300.000 747.400 1400.000 748.300 1500.000 749.600 1600.000 753.000 1700.000
GR 754.700 1800.000 761.900 1900.000 765.700 1946.000 0.0 0.0 0.0 0.0

X1 179325.000 12.000 1098.000 1130.000 241.000 241.000 241.000 0.0 -1.200 0.0
GR 763.000 1000.000 749.600 1083.000 749.000 1098.000 748.000 1100.000 746.400 1112.000
GR 747.300 1125.000 748.800 1130.000 750.900 1200.000 752.100 1300.000 753.500 1375.000
GR 752.500 1378.000 763.000 1460.000 0.0 0.0 0.0 0.0 0.0 0.0

X1 179925.000 15.000 1290.000 1370.000 100.000 100.000 100.000 0.0 0.0 0.0
GR 768.000 1000.000 760.300 1100.000 754.200 1200.000 747.100 1290.000 747.900 1324.000
GR 745.800 1330.000 746.300 1341.100 744.000 1352.600 746.600 1357.200 749.300 1370.000
GR 752.700 1400.000 754.200 1500.000 753.500 1587.000 752.700 1589.000 768.000 1650.000
SB 1.250 1.500 2.500 0.0 80.000 2.000 458.000 0.0 0.0 0.0

RDND GOLF CART TRAIL MXLCEL 754.2

RDELV 755.9

X1 179933.000 0.0 0.0 0.0 8.000 8.000 8.000 0.0 0.0 0.0
X2 0.0 0.0 1.000 754.200 0.0 0.0 0.0 0.0 0.0 0.0
BT 12.000 1000.000 768.000 0.0 1100.000 760.300 0.0 1200.000 754.200 0.0
BT 1234.000 752.300 0.0 1290.000 753.300 751.700 1340.000 755.900 754.200 1370.000
BT 752.700 751.100 1400.000 752.700 0.0 1500.000 754.200 0.0 1587.000 753.500
BT 0.0 1589.000 752.700 0.0 1650.000 768.000 0.0 0.0 0.0 0.0

X1 180033.000 12.000 1098.000 1130.000 100.000 100.000 100.000 0.0 0.0 0.0
GR 763.000 1000.000 749.600 1083.000 749.000 1098.000 748.000 1100.000 746.400 1112.000
GR 747.300 1125.000 748.800 1130.000 750.900 1200.000 752.100 1300.000 753.500 1375.000
GR 752.500 1378.000 763.000 1460.000 0.0 0.0 0.0 0.0 0.0 0.0

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| GR | 747.300 | 1125.000 | 748.800 | 1130.000 | 750.900 | 1200.000 | 752.100 | 1300.000 | 753.500 | 1375.000 |
| GR | 752.500 | 1378.000 | 763.000 | 1460.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 180900.000 | 13.000 | 1109.000 | 1167.000 | 867.000 | 867.000 | 867.000 | 0.0 | 0.600 | 0.0 |
| GR | 766.700 | 1000.000 | 753.600 | 1070.000 | 751.200 | 1100.000 | 751.000 | 1109.000 | 749.600 | 1112.000 |
| GR | 748.500 | 1124.000 | 749.500 | 1165.000 | 750.800 | 1167.000 | 753.600 | 1200.000 | 752.700 | 1300.000 |
| GR | 751.900 | 1400.000 | 759.900 | 1455.000 | 766.700 | 1500.000 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 180950.000 | 14.000 | 1279.000 | 1359.000 | 50.000 | 50.000 | 50.000 | 0.0 | -1.000 | 0.0 |
| GR | 770.800 | 1000.000 | 761.000 | 1100.000 | 756.800 | 1200.000 | 752.500 | 1279.000 | 747.800 | 1286.500 |
| GR | 748.000 | 1300.000 | 750.200 | 1319.000 | 751.600 | 1355.000 | 753.400 | 1359.000 | 754.000 | 1400.000 |
| GR | 753.600 | 1500.000 | 753.200 | 1600.000 | 760.000 | 1681.000 | 770.800 | 1781.000 | 0.0 | 0.0 |
| SB | 1.250 | 1.500 | 2.500 | 0.0 | 80.000 | 2.000 | 504.000 | 0.0 | 0.0 | 0.0 |

RDNQ GOLF CART TRAIL MXLCEL 757.2

RDELV 758.9

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 180958.000 | 0.0 | 0.0 | 0.0 | 8.000 | 8.000 | 8.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 757.200 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 11.000 | 1000.000 | 769.800 | 0.0 | 1100.000 | 760.000 | 0.0 | 1200.000 | 755.800 | 0.0 |
| BT | 1279.000 | 755.200 | 753.400 | 1319.000 | 758.900 | 757.200 | 1359.000 | 756.000 | 754.200 | 1400.000 |
| BT | 753.000 | 0.0 | 1500.000 | 752.600 | 0.0 | 1600.000 | 752.200 | 0.0 | 1681.000 | 759.000 |
| BT | 0.0 | 1781.000 | 770.800 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|---------|----------|---------|----------|
| X1 | 181008.000 | 13.000 | 1109.000 | 1167.000 | 50.000 | 50.000 | 50.000 | 0.0 | 0.800 | 0.0 |
| GR | 766.700 | 1000.000 | 753.600 | 1070.000 | 751.200 | 1100.000 | 751.000 | 1109.000 | 749.600 | 1112.000 |
| GR | 748.500 | 1124.000 | 749.500 | 1165.000 | 750.800 | 1167.000 | 753.600 | 1200.000 | 752.700 | 1300.000 |
| GR | 751.900 | 1400.000 | 759.900 | 1455.000 | 766.700 | 1500.000 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 5.000 | 2300.000 | 3800.000 | 4700.000 | 7000.000 | 4700.000 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 181150.000 | 11.000 | 1119.000 | 1169.000 | 142.000 | 142.000 | 142.000 | 0.0 | -0.700 | 0.0 |
| GR | 772.900 | 1000.000 | 756.700 | 1057.000 | 755.200 | 1119.000 | 750.500 | 1143.000 | 754.900 | 1169.000 |
| GR | 755.600 | 1200.000 | 758.300 | 1300.000 | 757.200 | 1400.000 | 756.700 | 1502.000 | 763.500 | 1600.000 |
| GR | 771.600 | 1700.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 181200.000 | 21.000 | 2148.000 | 2251.000 | 50.000 | 50.000 | 50.000 | 0.0 | 0.0 | 0.0 |
| GR | 778.600 | 1000.000 | 770.000 | 1200.000 | 764.600 | 1400.000 | 762.400 | 1600.000 | 761.600 | 1800.000 |
| GR | 761.800 | 1986.000 | 756.500 | 2077.000 | 752.900 | 2148.000 | 751.800 | 2165.500 | 751.000 | 2182.000 |
| GR | 749.800 | 2199.500 | 751.300 | 2217.000 | 750.400 | 2233.000 | 752.800 | 2240.600 | 753.000 | 2251.000 |
| GR | 752.800 | 2300.000 | 764.400 | 2500.000 | 766.400 | 2700.000 | 771.300 | 2963.000 | 772.300 | 3000.000 |
| GR | 779.000 | 3200.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| SB | 1.050 | 1.500 | 2.500 | 0.0 | 103.000 | 3.600 | 905.000 | 0.0 | 0.0 | 0.0 |

RDNQ NCSR 1743

MXLCEL 760.4

RDELV 762.8

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 181220.000 | 0.0 | 0.0 | 0.0 | 20.000 | 20.000 | 20.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 760.400 | 761.600 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 24.000 | 1000.000 | 778.600 | 0.0 | 1100.000 | 774.300 | 0.0 | 1200.000 | 770.000 | 0.0 |
| BT | 1300.000 | 767.300 | 0.0 | 1400.000 | 764.600 | 0.0 | 1500.000 | 763.300 | 0.0 | 1600.000 |
| BT | 762.400 | 0.0 | 1700.000 | 761.900 | 0.0 | 1800.000 | 761.600 | 0.0 | 1900.000 | 761.800 |
| BT | 0.0 | 2000.000 | 761.900 | 0.0 | 2100.000 | 762.500 | 0.0 | 2148.000 | 762.800 | 760.400 |
| BT | 2251.000 | 762.800 | 760.400 | 2300.000 | 763.200 | 0.0 | 2400.000 | 763.400 | 0.0 | 2500.000 |
| BT | 764.400 | 0.0 | 2600.000 | 764.900 | 0.0 | 2700.000 | 766.400 | 0.0 | 2800.000 | 767.700 |
| BT | 0.0 | 2900.000 | 770.000 | 0.0 | 3000.000 | 772.300 | 0.0 | 3100.000 | 775.600 | 0.0 |
| BT | 3200.000 | 779.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 181420.000 | 11.000 | 1119.000 | 1169.000 | 200.000 | 200.000 | 200.000 | 0.0 | 0.0 | 0.0 |
| GR | 772.900 | 1000.000 | 756.700 | 1057.000 | 755.200 | 1119.000 | 750.500 | 1143.000 | 754.900 | 1169.000 |
| GR | 755.600 | 1200.000 | 758.300 | 1300.000 | 757.200 | 1400.000 | 756.700 | 1502.000 | 763.500 | 1600.000 |

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATIO - 50,51,52

T1 DAVIDSON COUNTY BASIN E. STREAM 1 ABBOTTS CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 100 YEAR FLOODWAY

| J1 | CHECK | INO | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FQ |
|----|--------|------|--------|-------|-------|--------|-------|-----|---------|--------|
| | -10. | 6. | 0. | 0. | 0.0 | 0.0 | 0.0 | 0. | 737.600 | 0.0 |
| J2 | NPROF | IPLT | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHMIM | ITRACE |
| | 15.000 | 0.0 | -1.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

*PROF 2

CCHV= 0.100 CEHV= 0.300

*SECNO 172400.000

2800 NAT Q1= 1354.51 WSEL= 736.80 ENC Q1= 1354.51 WSEL= 737.60 RATIO= 0.0

| NAT Q1= | 1896. | RATIOS | LOB,CH,ROB= | 0.6379 | 0.2783 | 0.0838 | WSEL= | 737.60 | |
|---------|-------|--------|-------------|--------|--------|--------|-------|--------|------------|
| SECNO | DEPTH | CWSEL | CRISW | WSELK | EG | HV | HL | OLOSS | BANK ELEV |
| Q | QLOB | QCH | QROB | ALOB | ACH | AROB | VOL | TWA | LEFT/RIGHT |
| TIME | VLOB | VCH | VROB | XNL | XNCH | XNR | WTN | ELMIN | SSTA |
| SLOPE | XLOBL | XLCH | XLOBR | ITRIAL | IDC | ICONT | CORAR | TOPWID | ENDST |

| 3470 ENCROACHMENT STATIONS= | 1222.3 | 1517.6 | TYPE= | 4 | TARGET= | 0.286 | | | |
|-----------------------------|--------|--------|-------|--------|---------|-------|-----|--------|---------|
| 172400.00 | 11.00 | 737.60 | 0.0 | 736.80 | 737.99 | 0.39 | 0.0 | 0.0 | 734.60 |
| 4990. | 2694. | 1942. | 353. | 868. | 277. | 122. | 0. | 0. | 733.30 |
| 0.0 | 3.10 | 7.01 | 2.89 | 0.043 | 0.028 | 0.043 | 0.0 | 725.60 | 1222.31 |
| 0.001355 | 2000. | 2000. | 2000. | 0 | 0 | 0 | 0.0 | 295.32 | 1517.63 |

*SECNO 172700.000

2800 NAT Q1= 1275.16 WSEL= 737.13 ENC Q1= 1275.16 WSEL= 737.93 RATIO= 0.0

NAT Q1= 1803. RATIOS LOB,CH,ROB= 0.3251 0.6170 0.0580 WSEL= 737.93

| 3470 ENCROACHMENT STATIONS= | 1717.7 | 1876.1 | TYPE= | 4 | TARGET= | 0.293 | | | |
|-----------------------------|--------|--------|-------|--------|---------|-------|-------|--------|---------|
| 172700.00 | 10.05 | 737.85 | 0.0 | 737.13 | 738.51 | 0.66 | 0.44 | 0.08 | 732.90 |
| 4990. | 530. | 4367. | 94. | 148. | 636. | 43. | 7. | 2. | 735.60 |
| 0.01 | 3.58 | 6.87 | 2.17 | 0.043 | 0.028 | 0.043 | 0.028 | 727.80 | 1717.68 |
| 0.001614 | 300. | 300. | 300. | 2 | 0 | 0 | 0.0 | 158.42 | 1876.10 |

SPECTAL BRIDGE

5070 VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

| SB | XK | XKOR | COFR | RDLN | BWC | BWP | BAREA | SS | ELCHU | ELCHD |
|----|------|------|------|------|--------|------|--------|-----|--------|--------|
| | 1.25 | 1.50 | 2.50 | 0.0 | 107.00 | 4.00 | 566.00 | 0.0 | 727.80 | 727.80 |

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

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

100 YEAR FLOOD WATER SUR

SUMMARY PRINTOUT

| SECNO | XLCH | ELTRD | ELLC | Q | ELMIN | CWSEL | CRIWS | VCH | SSTA | ENDST | AREA | DIFWSP |
|-----------------------|--------------------|----------------|----------------|--------------------|-------------------|-------------------|----------------|-----------------|--------------------|--------------------|--------------------|-----------------|
| 172400.000 | 2000.00 | 0.0 | 0.0 | 4990.00 | 726.80 | 738.80 | 0.0 | 6.49 | 1082.97 | 1589.51 | 1590.11 | 0.0 |
| 172400.000 | 2000.00 | 0.0 | 0.0 | 4990.00 | 726.60 | 737.60 | 0.0 | 7.01 | 1222.31 | 1517.63 | 1287.95 | 0.80 |
| 172700.000 | 300.00 | 0.0 | 0.0 | 4990.00 | 727.80 | 737.13 | 0.0 | 6.14 | 1447.51 | 2009.90 | 1315.02 | 0.0 |
| 172700.000 | 300.00 | 0.0 | 0.0 | 4990.00 | 727.80 | 737.85 | 0.0 | 6.87 | 1717.68 | 1876.10 | 826.93 | 0.72 |
| 172720.000 | 20.00 | 739.50 | 737.30 | 4990.00 | 727.30 | 738.82 | 0.0 | 3.58 | 1379.18 | 2125.10 | 2461.38 | 0.0 |
| * 172720.000 | 20.00 | 999999.00 | 0.0 | 4990.00 | 727.80 | 739.54 | 0.0 | 3.91 | 1641.69 | 1943.81 | 1755.49 | 0.72 |
| ATAU 173020.000 | 300.00 | 0.0 | 0.0 | 4990.00 | 726.60 | 738.96 | 0.0 | 3.52 | 1071.84 | 1654.10 | 2727.55 | 0.0 |
| 173020.000 | 300.00 | 0.0 | 0.0 | 4990.00 | 726.60 | 739.72 | 0.0 | 3.77 | 1177.76 | 1548.70 | 2319.79 | 0.75 |
| AU AX 175100.000 | 2080.00 | 0.0 | 0.0 | 4990.00 | 734.40 | 741.37 | 741.37 | 9.43 | 1133.36 | 1882.12 | 1126.80 | 0.0 |
| 175100.000 | 2080.00 | 0.0 | 0.0 | 4990.00 | 734.40 | 742.13 | 742.13 | 10.86 | 1304.68 | 1666.77 | 822.16 | 0.76 |
| AV AD 179375.000 | 4275.00 | 0.0 | 0.0 | 4800.00 | 743.60 | 752.81 | 0.0 | 6.77 | 1080.01 | 1632.62 | 1493.19 | 0.0 |
| 179375.000 | 4275.00 | 0.0 | 0.0 | 4800.00 | 743.60 | 753.70 | 0.0 | 7.17 | 1089.83 | 1382.74 | 1207.77 | 0.88 |
| 179475.000 | 100.00 | 0.0 | 0.0 | 4800.00 | 744.60 | 752.96 | 0.0 | 5.35 | 1098.08 | 1671.00 | 1605.94 | 0.0 |
| 179475.000 | 100.00 | 0.0 | 0.0 | 4800.00 | 744.60 | 753.85 | 0.0 | 5.67 | 1156.23 | 1402.15 | 1206.72 | 0.89 |
| 179484.000 | 9.00 | 750.00 | 752.60 | 4800.00 | 744.60 | 753.12 | 0.0 | 5.07 | 1091.73 | 1676.71 | 1701.82 | 0.0 |
| 179484.000 | 9.00 | 999999.00 | 0.0 | 4800.00 | 744.60 | 754.01 | 0.0 | 5.40 | 1153.41 | 1410.17 | 1286.42 | 0.89 |
| AW AX 179584.000 | 100.00 | 0.0 | 0.0 | 4800.00 | 745.60 | 753.95 | 753.95 | 10.06 | 1084.57 | 1607.47 | 1033.30 | 0.0 |
| 179584.000 | 100.00 | 0.0 | 0.0 | 4800.00 | 745.60 | 754.62 | 754.62 | 11.53 | 1092.11 | 1328.44 | 731.14 | 0.67 |
| 179825.000 | 241.00 | 0.0 | 0.0 | 4800.00 | 745.20 | 754.88 | 0.0 | 5.34 | 1043.51 | 1405.95 | 1705.39 | 0.0 |
| 179825.000 | 241.00 | 0.0 | 0.0 | 4800.00 | 745.20 | 756.04 | 0.0 | 5.38 | 1075.68 | 1281.86 | 1482.49 | 1.16 |
| 179925.000 | 100.00 | 0.0 | 0.0 | 4800.00 | 744.00 | 754.84 | 0.0 | 5.38 | 1189.47 | 1597.54 | 1372.84 | 0.0 |
| 179925.000 | 100.00 | 0.0 | 0.0 | 4800.00 | 744.00 | 755.96 | 0.0 | 5.55 | 1272.05 | 1402.04 | 1029.92 | 1.12 |
| 179933.000 | 8.00 | 752.70 | 754.20 | 4800.00 | 744.00 | 755.20 | 0.0 | 4.96 | 1183.63 | 1598.96 | 1519.69 | 0.0 |
| 179933.000 | 8.00 | 999999.00 | 0.0 | 4800.00 | 744.00 | 756.32 | 0.0 | 5.11 | 1267.50 | 1416.52 | 1161.21 | 1.12 |
| 180033.000 | 100.00 | 0.0 | 0.0 | 4800.00 | 746.40 | 755.25 | 0.0 | 6.51 | 1048.69 | 1399.52 | 1411.71 | 0.0 |
| 180033.000 | 100.00 | 0.0 | 0.0 | 4800.00 | 746.40 | 756.36 | 0.0 | 6.60 | 1079.29 | 1260.37 | 1183.51 | 1.11 |

| SECNO | XLCH | ELTRD | ELLC | Q | ELMIN | CWSEL | CRIWS | VCH | SSTA | ENDST | AREA | OIFWSP |
|-----------------|---------|-----------|--------|---------|--------|--------|--------|-------|---------|---------|---------|--------|
| AXAY 180900.000 | 867.00 | 0.0 | 0.0 | 4800.00 | 749.10 | 756.16 | 0.0 | 6.73 | 1059.53 | 1425.15 | 1242.33 | 0.0 |
| 180900.000 | 867.00 | 0.0 | 0.0 | 4800.00 | 749.10 | 757.12 | 0.0 | 7.07 | 1091.62 | 1309.18 | 1034.30 | 0.96 |
| 180950.000 | 50.00 | 0.0 | 0.0 | 4800.00 | 746.80 | 756.46 | 0.0 | 4.37 | 1184.34 | 1650.71 | 1858.98 | 0.0 |
| 180950.000 | 50.00 | 0.0 | 0.0 | 4800.00 | 746.80 | 757.50 | 0.0 | 4.50 | 1250.71 | 1513.00 | 1561.10 | 1.04 |
| 180958.000 | 8.00 | 752.20 | 757.20 | 4800.00 | 746.80 | 756.47 | 0.0 | 4.35 | 1183.96 | 1650.91 | 1866.52 | 0.0 |
| 180958.000 | 8.00 | 999999.00 | 0.0 | 4800.00 | 746.80 | 757.52 | 0.0 | 4.48 | 1250.51 | 1513.40 | 1568.01 | 1.04 |
| AYAZ 181008.000 | 50.00 | 0.0 | 0.0 | 4800.00 | 749.30 | 756.34 | 0.0 | 6.77 | 1059.63 | 1425.03 | 1235.76 | 0.0 |
| 181008.000 | 50.00 | 0.0 | 0.0 | 4800.00 | 749.30 | 757.33 | 0.0 | 7.07 | 1091.76 | 1308.62 | 1033.80 | 0.99 |
| * 181150.000 | 142.00 | 0.0 | 0.0 | 4700.00 | 749.80 | 757.73 | 757.73 | 9.73 | 1050.90 | 1527.00 | 931.36 | 0.0 |
| * 181150.000 | 142.00 | 0.0 | 0.0 | 4700.00 | 749.80 | 757.70 | 757.70 | 12.81 | 1100.34 | 1222.49 | 490.34 | -0.04 |
| 181200.000 | 50.00 | 0.0 | 0.0 | 4700.00 | 749.80 | 758.58 | 0.0 | 4.16 | 2041.13 | 2399.82 | 1629.33 | 0.0 |
| 181200.000 | 50.00 | 0.0 | 0.0 | 4700.00 | 749.80 | 759.75 | 0.0 | 4.25 | 2119.51 | 2295.45 | 1345.37 | 1.16 |
| 181220.000 | 20.00 | 761.60 | 760.40 | 4700.00 | 749.80 | 758.59 | 0.0 | 4.16 | 2041.08 | 2399.87 | 1630.24 | 0.0 |
| 181220.000 | 20.00 | 761.60 | 760.40 | 4700.00 | 749.80 | 759.39 | 0.0 | 3.58 | 2027.35 | 2413.65 | 1928.21 | 0.80 |
| AZ 181420.000 | 200.00 | 0.0 | 0.0 | 4700.00 | 750.50 | 758.38 | 758.38 | 9.98 | 1051.10 | 1526.18 | 904.31 | 0.0 |
| 181420.000 | 200.00 | 0.0 | 0.0 | 4700.00 | 750.50 | 758.92 | 0.0 | 11.54 | 1101.28 | 1218.25 | 540.32 | 0.55 |
| BA 182625.000 | 1205.00 | 0.0 | 0.0 | 4700.00 | 753.10 | 761.96 | 0.0 | 8.51 | 1203.09 | 1550.70 | 786.70 | 0.0 |
| 182625.000 | 1205.00 | 0.0 | 0.0 | 4700.00 | 753.10 | 763.09 | 0.0 | 8.28 | 1422.00 | 1502.00 | 567.49 | 1.13 |
| 182725.000 | 100.00 | 0.0 | 0.0 | 4700.00 | 753.10 | 762.51 | 0.0 | 7.22 | 1169.59 | 1557.94 | 989.23 | 0.0 |
| 182725.000 | 100.00 | 0.0 | 0.0 | 4700.00 | 753.10 | 763.46 | 0.0 | 7.65 | 1412.70 | 1504.30 | 646.45 | 0.95 |
| 182733.000 | 8.00 | 760.70 | 762.30 | 4700.00 | 753.10 | 762.89 | 0.0 | 6.46 | 1146.54 | 1563.00 | 1143.84 | 0.0 |
| 182733.000 | 8.00 | 999999.00 | 0.0 | 4700.00 | 753.10 | 763.84 | 0.0 | 6.82 | 1307.16 | 1509.31 | 788.59 | 0.95 |
| 182833.000 | 100.00 | 0.0 | 0.0 | 4700.00 | 753.20 | 763.02 | 0.0 | 6.39 | 1144.32 | 1563.49 | 1159.30 | 0.0 |
| 182833.000 | 100.00 | 0.0 | 0.0 | 4700.00 | 753.20 | 763.97 | 0.0 | 6.74 | 1383.31 | 1509.93 | 807.12 | 0.95 |
| 184625.000 | 1792.00 | 0.0 | 0.0 | 4700.00 | 756.90 | 766.39 | 0.0 | 0.0 | 1186.01 | 1528.57 | 819.98 | 0.0 |
| 184625.000 | 1792.00 | 0.0 | 0.0 | 4700.00 | 756.90 | 766.86 | 0.0 | 0.0 | 1400.00 | 1436.92 | 340.64 | 0.47 |

SUMMARY OF ERRORS

- CAUTION SECNO=***** PROFILE= 2 20 TRIALS OF EG NOT ENOUGH
- CAUTION SECNO=***** PROFILE= 1 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=***** PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO=***** PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO=***** PROFILE= 2 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=***** PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO=***** PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
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CAUTION SECNO=***** PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO=***** PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO=***** PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=***** PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL

FLOODWAY DATA, 100 YEAR FLOOD WATER SUR
 PROFILE NO. 2

| STATION | FLOODWAY | | MEAN VELOCITY | WATER SURFACE ELEVATION | | DIFFERENCE |
|---------------|---------------|-----------------|------------------|-------------------------|---------------------|------------|
| | WIDTH (FT) | SECTION AREA | | WITH FLOODWAY | WITHOUT FLOODWAY | |
| 172400.000 | 295. | 1268. | 3.9 | 737.6 | 736.8 | 0.8 |
| 172700.000 | 158. | 827. | 6.0 | 737.8 | 737.1 | 0.7 |
| 172720.000 | 302. | 1755. | 2.8 | 739.5 | 738.8 | 0.7 |
| AT 173020.000 | 371. | 2320. | 2.2 | 739.8 | 739.0 | 0.8 |
| AD 175100.000 | 362. | 822. | 6.1 | 742.2 | 741.4 | 0.8 |
| AV 179375.000 | 293. | 1208. | 4.0 | 753.7 | 752.8 | 0.9 |
| 179475.000 | 246. | 1207. | 4.0 | 753.9 | 753.0 | 0.9 |
| 179484.000 | 257. | 1286. | 3.7 | 754.0 | 753.1 | 0.9 |
| 179584.000 | 236. | 731. | 6.6 | 754.7 | 754.0 | 0.7 |
| 179825.000 | 206. | 1482. | 3.2 | 756.1 | 754.9 | 1.2 |
| 179925.000 | 130. | 1030. | 4.7 | 756.9 | 754.8 | 1.1 |
| 179933.000 | 149. | 1161. | 4.1 | 756.3 | 755.2 | 1.1 |
| 180033.000 | 181. | 1184. | 4.1 | 756.4 | 755.3 | 1.1 |
| AX 180900.000 | 218. | 1034. | 4.6 | 757.2 | 756.2 | 1.0 |
| 180950.000 | 262. | 1561. | 3.1 | 757.5 | 756.5 | 1.0 |
| 180958.000 | 263. | 1568. | 3.1 | 757.5 | 756.5 | 1.0 |
| AY 181008.000 | 217. | 1034. | 4.6 | 757.3 | 756.3 | 1.0 |
| 181150.000 | 122. | 490. | 9.6 | 757.7 | 757.7 | 0.0 |
| 181200.000 | 176. | 1345. | 3.5 | 759.8 | 758.6 | 1.2 |
| 181220.000 | 386. | 1928. | 2.4 | 759.4 | 758.6 | 0.8 |
| 181420.000 | 117. | 540. | 8.7 | 758.9 | 758.4 | 0.5 |
| 182625.000 | 80. | 567. | 8.3 | 763.1 | 762.0 | 1.1 |
| 182725.000 | 92. | 646. | 7.3 | 763.5 | 762.5 | 1.0 |
| 182733.000 | 122. | 789. | 6.0 | 763.9 | 762.9 | 1.0 |
| 182833.000 | 127. | 807. | 5.8 | 764.0 | 763.0 | 1.0 |
| 184625.000 | 37. | 341. | 13.8 | 766.9 | 766.4 | 0.5 |

HEC2 RELEASE DATED NOV 76 (UPDATED FEB 1977
ERROR CORR - 01
MODIFICATION - 50,51,52

EJ

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

C
 T1 DAVIDSON COUNTY BASIN E STREAM 1 ABBOTTS CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

| J1 | ICHECK | INO | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FO |
|----|-------------------------------------|----------|----------|----------|----------|-------------|----------|----------|----------|----------|
| | -1. | 4. | 0. | 0. | 0.0 | 0.0 | 0.0 | 0.0 | 766.390 | 0.0 |
| J2 | NPROF | IPLT | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE |
| | 0.0 | 0.0 | -1.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| J3 | VARIABLE CODES FOR SUMMARY PRINTOUT | | | | | | | | | |
| | 38.000 | 39.000 | 40.000 | 41.000 | 43.000 | 42.000 | 1.000 | 2.000 | 26.000 | 53.000 |
| | 54.000 | 250.000 | 50.000 | 0.0 | 200.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| NC | 0.043 | 0.043 | 0.028 | 0.100 | 0.300 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| JT | 5.000 | 2300.000 | 3800.000 | 4700.000 | 7000.000 | 4700.000 | 0.0 | 0.0 | 0.0 | 0.0 |
| ET | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -8.400 | 0.0 | 0.0 | 0.0 | 0.0 |
| X1 | 184625.000 | 14.000 | 1400.000 | 1451.000 | 1792.000 | 1792.000 | 1792.000 | 0.0 | 0.0 | 0.0 |
| GR | 773.900 | 1000.000 | 770.600 | 1100.000 | 765.700 | 1200.000 | 765.000 | 1300.000 | 765.000 | 1383.000 |
| GR | 761.500 | 1392.000 | 760.500 | 1400.000 | 758.400 | 1404.000 | 756.900 | 1425.000 | 757.200 | 1441.000 |
| GR | 760.100 | 1442.000 | 765.000 | 1451.000 | 764.100 | 1500.000 | 772.100 | 1600.000 | 0.0 | 0.0 |
| X1 | 184725.000 | 19.000 | 1375.000 | 1455.000 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 773.900 | 1000.000 | 766.700 | 1100.000 | 765.000 | 1200.000 | 764.400 | 1300.000 | 763.700 | 1375.000 |
| GR | 763.500 | 1386.000 | 761.800 | 1390.600 | 760.900 | 1396.700 | 757.000 | 1402.700 | 757.500 | 1415.000 |
| GR | 757.500 | 1434.200 | 765.600 | 1450.700 | 765.900 | 1455.000 | 766.900 | 1500.000 | 765.900 | 1600.000 |
| GR | 765.500 | 1700.000 | 767.400 | 1800.000 | 769.200 | 1831.000 | 773.900 | 1931.000 | 0.0 | 0.0 |
| SB | 1.250 | 1.500 | 2.500 | 0.0 | 80.000 | 2.000 | 442.000 | 0.0 | 0.0 | 0.0 |
| | RDND GOLF CAPT TRAIL MXLCEL 766.7 | | | | | RDELV 768.4 | | | | |
| X1 | 184733.000 | 0.0 | 0.0 | 0.0 | 8.000 | 8.000 | 8.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 766.700 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 13.000 | 1000.000 | 773.900 | 0.0 | 1100.000 | 766.700 | 0.0 | 1200.000 | 765.000 | 0.0 |
| BT | 1300.000 | 764.400 | 0.0 | 1375.000 | 765.900 | 764.100 | 1415.000 | 768.400 | 766.700 | 1455.000 |
| BT | 768.400 | 766.600 | 1500.000 | 766.900 | 0.0 | 1600.000 | 765.900 | 0.0 | 1700.000 | 765.500 |
| BT | 0.0 | 1800.000 | 767.400 | 0.0 | 1831.000 | 769.200 | 0.0 | 1931.000 | 773.900 | 0.0 |
| X1 | 184813.000 | 14.000 | 1400.000 | 1451.000 | 80.000 | 80.000 | 80.000 | 0.0 | 0.300 | 0.0 |
| GR | 773.900 | 1000.000 | 770.600 | 1100.000 | 765.700 | 1200.000 | 765.000 | 1300.000 | 765.000 | 1383.000 |

| | | | | | | | | | | |
|----|---------|----------|----------|----------|----------|----------|---------|----------|---------|----------|
| GR | 761.500 | 1392.000 | 760.500 | 1400.000 | 758.400 | 1404.000 | 756.900 | 1425.000 | 757.200 | 1441.000 |
| GR | 760.100 | 1442.000 | 765.000 | 1451.000 | 764.100 | 1500.000 | 772.100 | 1600.000 | 0.0 | 0.0 |
| QT | 5.000 | 2250.000 | 3750.000 | 4650.000 | 6950.000 | 4650.000 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 184885.000 | 13.000 | 1500.000 | 1558.000 | 72.000 | 72.000 | 72.000 | 0.0 | 0.0 | 0.0 |
| GR | 782.200 | 1000.000 | 768.500 | 1055.000 | 767.100 | 1100.000 | 766.600 | 1200.000 | 765.700 | 1300.000 |
| GR | 763.000 | 1400.000 | 760.000 | 1500.000 | 757.500 | 1516.000 | 766.500 | 1558.000 | 767.200 | 1595.000 |
| GR | 777.400 | 1628.000 | 779.500 | 1700.000 | 782.200 | 1778.000 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 184985.000 | 20.000 | 1589.000 | 1677.000 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| GR | 790.700 | 1000.000 | 778.000 | 1100.000 | 770.400 | 1162.000 | 764.900 | 1270.000 | 766.100 | 1500.000 |
| GR | 767.700 | 1589.000 | 767.300 | 1595.000 | 758.600 | 1618.000 | 758.100 | 1636.400 | 758.200 | 1648.000 |
| GR | 766.400 | 1665.700 | 767.600 | 1677.000 | 771.200 | 1700.000 | 771.600 | 1950.000 | 773.300 | 2000.000 |
| GR | 776.000 | 2100.000 | 777.500 | 2200.000 | 780.900 | 2300.000 | 788.800 | 2400.000 | 790.700 | 2428.000 |
| SB | 1.250 | 1.500 | 2.500 | 0.0 | 08.000 | 2.000 | 813.000 | 0.0 | 0.0 | 0.0 |

RDNQ ST. ANDREWS DR. MXLCEL 772.2

RDELV 774.3

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 185011.000 | 0.0 | 0.0 | 0.0 | 26.000 | 26.000 | 26.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 772.300 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 17.000 | 1000.000 | 790.700 | 0.0 | 1100.000 | 778.000 | 0.0 | 1200.000 | 770.400 | 0.0 |
| BT | 1300.000 | 767.800 | 0.0 | 1400.000 | 768.000 | 0.0 | 1500.000 | 772.000 | 0.0 | 1589.000 |
| BT | 774.500 | 772.300 | 1677.000 | 774.300 | 772.200 | 1700.000 | 774.000 | 0.0 | 1800.000 | 772.400 |
| BT | 0.0 | 1950.000 | 771.600 | 0.0 | 2000.000 | 773.300 | 0.0 | 2100.000 | 776.000 | 0.0 |
| BT | 2200.000 | 777.500 | 0.0 | 2300.000 | 780.900 | 0.0 | 2400.000 | 788.800 | 0.0 | 2428.000 |
| BT | 790.700 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 185211.000 | 13.000 | 1500.000 | 1558.000 | 200.000 | 200.000 | 200.000 | 0.0 | 1.000 | 0.0 |
| GR | 782.200 | 1000.000 | 768.500 | 1055.000 | 767.100 | 1100.000 | 766.600 | 1200.000 | 765.700 | 1300.000 |
| GR | 763.000 | 1400.000 | 760.900 | 1500.000 | 757.500 | 1516.000 | 766.500 | 1558.000 | 767.200 | 1595.000 |
| GR | 777.400 | 1628.000 | 779.500 | 1700.000 | 782.200 | 1778.000 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 186250.000 | 17.000 | 1400.000 | 1480.000 | 1039.000 | 1039.000 | 1039.000 | 0.0 | 0.0 | 0.0 |
| GR | 785.200 | 1000.000 | 769.500 | 1090.000 | 767.800 | 1200.000 | 767.400 | 1300.000 | 766.000 | 1400.000 |
| GR | 766.100 | 1406.300 | 763.500 | 1429.000 | 761.000 | 1437.300 | 760.600 | 1440.000 | 759.700 | 1462.300 |
| GR | 764.400 | 1467.300 | 767.000 | 1480.000 | 769.500 | 1500.000 | 770.200 | 1523.000 | 773.300 | 1600.000 |
| GR | 776.800 | 1697.000 | 785.200 | 1755.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|-------|-------|-----|---------|---------|---------|-----|-----|-----|
| X1 | 186350.000 | 0.0 | 0.0 | 0.0 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| SB | 1.250 | 1.500 | 2.500 | 0.0 | 80.000 | 2.000 | 463.000 | 0.0 | 0.0 | 0.0 |

RDNQ GOLF CART TRAIL MXLCEL 770.3

RDELV 772.1

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 186358.000 | 0.0 | 0.0 | 0.0 | 8.000 | 8.000 | 8.000 | 0.0 | 0.0 | 0.0 |
| X2 | 0.0 | 0.0 | 1.000 | 770.300 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BT | 12.000 | 1000.000 | 785.200 | 0.0 | 1090.000 | 769.500 | 0.0 | 1200.000 | 767.800 | 0.0 |
| BT | 1300.000 | 767.400 | 0.0 | 1400.000 | 769.100 | 768.000 | 1440.000 | 772.100 | 770.300 | 1490.000 |
| BT | 769.900 | 767.300 | 1500.000 | 769.500 | 0.0 | 1523.000 | 770.200 | 0.0 | 1600.000 | 773.300 |
| BT | 0.0 | 1697.000 | 776.800 | 0.0 | 1755.000 | 785.200 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|---------|-----|-----|-----|
| X1 | 186458.000 | 0.0 | 0.0 | 0.0 | 100.000 | 100.000 | 100.000 | 0.0 | 0.0 | 0.0 |
| QT | 5.000 | 2200.000 | 3700.000 | 4600.000 | 6900.000 | 4600.000 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 187925.000 | 23.000 | 1731.000 | 1761.000 | 1467.000 | 1467.000 | 1467.000 | 0.0 | 0.0 | 0.0 |
| GR | 788.700 | 1000.000 | 775.000 | 1100.000 | 774.800 | 1200.000 | 774.500 | 1300.000 | 773.100 | 1400.000 |
| GR | 771.300 | 1500.000 | 769.600 | 1600.000 | 770.400 | 1700.000 | 769.900 | 1731.000 | 767.000 | 1735.000 |
| GR | 765.500 | 1704.000 | 766.100 | 1753.000 | 770.800 | 1761.000 | 768.900 | 1800.000 | 770.400 | 1900.000 |

| | | | | | | | | | | |
|----|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| GR | 770,300 | 2000,000 | 769,900 | 2100,000 | 769,500 | 2200,000 | 770,200 | 2300,000 | 770,900 | 2400,000 |
| GR | 776,400 | 2500,000 | 784,200 | 2600,000 | 788,700 | 2651,000 | 0,0 | 0,0 | 0,0 | 0,0 |

1903 F00

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 190310,000 | 18,000 | 1595,000 | 1637,000 | 2385,000 | 2385,000 | 2385,000 | 0,0 | -0,600 | 0,0 |
| GR | 789,400 | 1000,000 | 781,600 | 1044,000 | 779,400 | 1100,000 | 777,500 | 1200,000 | 775,800 | 1300,000 |
| GR | 774,400 | 1400,000 | 774,600 | 1500,000 | 773,500 | 1595,000 | 769,200 | 1605,000 | 768,900 | 1630,000 |
| GR | 774,100 | 1637,000 | 774,100 | 1700,000 | 774,500 | 1800,000 | 774,600 | 2000,000 | 776,500 | 2100,000 |
| GR | 779,000 | 2200,000 | 784,900 | 2300,000 | 789,400 | 2363,000 | 0,0 | 0,0 | 0,0 | 0,0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 190410,000 | 23,000 | 1641,000 | 1740,000 | 100,000 | 100,000 | 100,000 | 0,0 | 0,0 | 0,0 |
| GR | 799,400 | 1000,000 | 794,300 | 1100,000 | 790,400 | 1200,000 | 787,700 | 1300,000 | 786,000 | 1400,000 |
| GR | 785,400 | 1500,000 | 784,700 | 1600,000 | 780,400 | 1641,000 | 776,000 | 1654,000 | 773,100 | 1673,000 |
| GR | 769,000 | 1680,000 | 768,900 | 1709,000 | 768,600 | 1712,000 | 773,600 | 1718,000 | 779,700 | 1740,000 |
| GR | 784,800 | 1800,000 | 784,900 | 1900,000 | 785,200 | 2000,000 | 786,700 | 2100,000 | 788,900 | 2200,000 |
| GR | 732,200 | 2300,000 | 796,200 | 2400,000 | 799,400 | 2480,000 | 0,0 | 0,0 | 0,0 | 0,0 |
| SB | 1,050 | 1,500 | 2,500 | 0,0 | 99,000 | 3,000 | 820,000 | 0,0 | 0,0 | 0,0 |

ROND NCSR 1741

MXLCEL 781.9

RDELV 784.8

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 190435,000 | 0,0 | 0,0 | 0,0 | 25,000 | 25,000 | 25,000 | 0,0 | 0,0 | 0,0 |
| X2 | 0,0 | 0,0 | 1,000 | 781,900 | 784,700 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| BT | 17,000 | 1000,000 | 799,400 | 0,0 | 1100,000 | 794,300 | 0,0 | 1200,000 | 790,400 | 0,0 |
| BT | 1300,000 | 787,700 | 0,0 | 1400,000 | 786,000 | 0,0 | 1500,000 | 785,400 | 0,0 | 1600,000 |
| BT | 784,700 | 0,0 | 1641,000 | 784,800 | 781,900 | 1740,000 | 784,800 | 781,800 | 1800,000 | 784,800 |
| BT | 0,0 | 1900,000 | 784,900 | 0,0 | 2000,000 | 785,200 | 0,0 | 2100,000 | 786,700 | 0,0 |
| BT | 2200,000 | 788,900 | 0,0 | 2300,000 | 792,200 | 0,0 | 2400,000 | 796,200 | 0,0 | 2480,000 |
| BT | 799,400 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |

1905 F-25

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|---------|----------|---------|----------|
| X1 | 190535,000 | 18,000 | 1595,000 | 1637,000 | 100,000 | 100,000 | 100,000 | 0,0 | 0,0 | 0,0 |
| GR | 789,400 | 1000,000 | 781,600 | 1044,000 | 779,400 | 1100,000 | 777,500 | 1200,000 | 775,800 | 1300,000 |
| GR | 774,400 | 1400,000 | 774,600 | 1500,000 | 773,500 | 1595,000 | 769,200 | 1605,000 | 768,900 | 1630,000 |
| GR | 774,100 | 1637,000 | 774,100 | 1700,000 | 774,500 | 1800,000 | 774,600 | 2000,000 | 776,500 | 2100,000 |
| GR | 779,000 | 2200,000 | 784,900 | 2300,000 | 789,400 | 2363,000 | 0,0 | 0,0 | 0,0 | 0,0 |
| BT | 5,000 | 2150,000 | 3400,000 | 4150,000 | 6500,000 | 4150,000 | 0,0 | 0,0 | 0,0 | 0,0 |

1906 F-25

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 190625,000 | 16,000 | 1290,000 | 1327,000 | 1590,000 | 1590,000 | 1590,000 | 0,0 | 0,0 | 0,0 |
| GR | 792,500 | 1000,000 | 779,300 | 1045,000 | 776,400 | 1100,000 | 777,200 | 1200,000 | 778,400 | 1290,000 |
| GR | 772,400 | 1295,000 | 771,800 | 1307,000 | 772,500 | 1320,000 | 778,800 | 1327,000 | 778,000 | 1400,000 |
| GR | 774,800 | 1500,000 | 780,200 | 1600,000 | 782,300 | 1700,000 | 785,800 | 1800,000 | 788,200 | 1900,000 |
| GR | 790,200 | 1950,000 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| BT | 5,000 | 2020,000 | 3290,000 | 4090,000 | 6400,000 | 4090,000 | 0,0 | 0,0 | 0,0 | 0,0 |

1907 F-25

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 190725,000 | 16,000 | 1275,000 | 1305,000 | 2100,000 | 2100,000 | 2100,000 | 0,0 | 0,0 | 0,0 |
| GR | 801,700 | 1000,000 | 787,700 | 1050,000 | 785,800 | 1100,000 | 783,200 | 1200,000 | 785,000 | 1275,000 |
| GR | 779,100 | 1281,000 | 778,500 | 1290,000 | 779,400 | 1300,000 | 785,500 | 1305,000 | 785,200 | 1400,000 |
| GR | 783,800 | 1500,000 | 784,400 | 1553,000 | 791,600 | 1600,000 | 793,600 | 1700,000 | 798,700 | 1800,000 |
| GR | 800,200 | 1830,000 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| BT | 5,000 | 1925,000 | 3200,000 | 3990,000 | 6000,000 | 3990,000 | 0,0 | 0,0 | 0,0 | 0,0 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 190850,000 | 10,000 | 1067,000 | 1163,000 | 1725,000 | 1725,000 | 1725,000 | 0,0 | 0,0 | 0,0 |
| GR | 801,900 | 1000,000 | 788,300 | 1055,000 | 787,000 | 1067,000 | 780,700 | 1077,000 | 779,900 | 1093,000 |
| GR | 780,500 | 1105,000 | 786,400 | 1111,000 | 787,300 | 1163,000 | 796,500 | 1200,000 | 801,900 | 1276,000 |

1909 F-25

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 190970,000 | 9,000 | 1096,000 | 1133,000 | 840,000 | 840,000 | 840,000 | 0,0 | -3,600 | 0,0 |
| GR | 803,400 | 1000,000 | 791,600 | 1070,000 | 788,400 | 1096,000 | 783,600 | 1105,000 | 783,500 | 1126,000 |
| GR | 788,600 | 1133,000 | 791,000 | 1150,000 | 801,100 | 1200,000 | 803,400 | 1249,000 | 0,0 | 0,0 |

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

T1 DAVIDSON COUNTY BASIN E STREAM 1 ABBOTTS CREEK
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918
 T3 100 YEAR FLOODWAY

| J1 | ICHECK | INO | MINV | IOIR | STRT | METRIC | HVINS | 0 | WSEL | FG |
|----|--------|------|--------|-------|-------|--------|-------|-----|---------|--------|
| | -10. | 6. | 0. | 0. | 0.0 | 0.0 | 0.0 | 0. | 766.900 | 0.0 |
| J2 | NPROF | IPLT | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE |
| | 15.000 | 0.0 | -1.000 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

*PROF 2

CCHV= 0.100 CEHV= 0.300

*SECNO 184625.000

2800 NAT Q1= 1020.24 WSEL= 766.39 ENC Q1= 1020.24 WSEL= 767.19 RATIO= 0.0
 NAT Q1= 1356. RATIOS LOB,CH,ROB= 0.2170 0.6997 0.0832 WSEL= 767.19

| SECNO | DEPTH | CWSEL | CRWS | WSELK | EG | HV | HL | LOSS | BANK ELEV |
|-------|-------|-------|-------|--------|------|-------|-------|--------|------------|
| 0 | QLOB | QCH | QROB | ALOB | ACH | AROB | VOL | TWA | LEFT/RIGHT |
| TIME | VLOB | VCH | VROB | XNL | XNCH | XNR | WTN | ELMIN | SSTA |
| SLOPE | XLOBL | XLCH | XLOBR | ITRIAL | IDC | ICONT | CORAR | TOPWID | ENDST |

| 3470 ENCROACHMENT STATIONS= | 1390.4 | 1466.2 | TYPE= | 4 | TARGET= | 0.248 |
|-----------------------------|--------|--------|-------|--------|---------|--------------------------|
| 184625.00 | 10.00 | 766.30 | 0.0 | 766.39 | 768.40 | 1.50 0.0 0.0 760.50 |
| 4700. | 272. | 4351. | 76. | 55. | 429. | 31. 0. 0. 765.00 |
| 0.0 | 4.94 | 10.14 | 2.47 | 0.043 | 0.028 | 0.043 0.0 756.90 1390.43 |
| 0.002355 | 1792. | 1792. | 1792. | 0 | 0 | 0 0.0 75.75 1466.18 |

*SECNO 184725.000

2800 NAT Q1= 1656.59 WSEL= 767.35 ENC Q1= 1656.59 WSEL= 768.15 RATIO= 0.0
 NAT Q1= 2337. RATIOS LOB,CH,ROB= 0.2936 0.5501 0.1562 WSEL= 768.15

3301 HV CHANGED MORE THAN HVINS

| 3470 ENCROACHMENT STATIONS= | 1306.5 | 1601.3 | TYPE= | 4 | TARGET= | 0.291 |
|-----------------------------|--------|--------|-------|--------|---------|----------------------------|
| 184725.00 | 11.23 | 768.23 | 0.0 | 767.35 | 768.64 | 0.41 0.12 0.11 763.70 |
| 4700. | 694. | 3625. | 381. | 288. | 636. | 268. 2. 0. 765.90 |
| 0.01 | 2.41 | 5.70 | 1.42 | 0.043 | 0.028 | 0.043 0.028 757.00 1306.46 |
| 0.000770 | 190. | 100. | 100. | 3 | 0 | 0 0.0 294.83 1601.29 |

SPECIAL BRIDGE

5070, VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

ELCHU ELCHD

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

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

100 YEAR FLOOD WATER SUR

SUMMARY PRINTOUT

USE THIS STA.

| | SECNO | XLCH | ELTRD | ELLC | Q | ELMIN | CWSEL | CRWS | VCH | SSTA | ENDST | AREA | DIFWSP |
|---------------|-----------------------|--------------------|----------------|----------------|--------------------|-------------------|-------------------|----------------|------------------|--------------------|--------------------|-------------------|-----------------|
| BD | 184625.000 | 1722.00 | 0.0 | 0.0 | 4700.00 | 756.90 | 766.38 | 0.0 | 9.24 | 1165.91 | 1326.53 | 821.60 | 0.0 |
| BC | 184625.000 | 1722.00 | 0.0 | 0.0 | 4700.00 | 756.90 | 766.90 | 0.0 | 10.14 | 1390.43 | 1466.10 | 515.22 | 0.51 |
| | 184725.000 | 100.00 | 0.0 | 0.0 | 4700.00 | 757.00 | 767.35 | 0.0 | 5.39 | 1091.12 | 1796.82 | 1616.57 | 0.0 |
| | 184725.000 | 100.00 | 0.0 | 0.0 | 4700.00 | 757.00 | 768.23 | 0.0 | 5.70 | 1306.46 | 1501.29 | 1191.42 | 0.88 |
| | 184733.000 | 8.00 | 764.40 | 766.70 | 4700.00 | 757.00 | 767.37 | 0.0 | 5.32 | 1090.60 | 1798.78 | 1642.93 | 0.0 |
| | 184733.000 | 8.00 | 999999.00 | 0.0 | 4700.00 | 757.00 | 768.25 | 0.0 | 5.61 | 1303.07 | 1605.47 | 1223.02 | 0.88 |
| BD | 184813.000 | 80.00 | 0.0 | 0.0 | 4700.00 | 757.20 | 767.11 | 0.0 | 8.20 | 1177.20 | 1533.97 | 970.98 | 0.0 |
| BE | 184813.000 | 80.00 | 0.0 | 0.0 | 4700.00 | 757.20 | 767.87 | 0.0 | 8.76 | 1370.50 | 1475.92 | 656.99 | 0.76 |
| | 184885.000 | 72.00 | 0.0 | 0.0 | 4650.00 | 757.50 | 767.84 | 0.0 | 4.81 | 1076.11 | 1597.08 | 1637.24 | 0.0 |
| | 184885.000 | 72.00 | 0.0 | 0.0 | 4650.00 | 757.50 | 768.81 | 0.0 | 5.09 | 1384.46 | 1579.63 | 1257.57 | 0.96 |
| | 184985.000 | 100.00 | 0.0 | 0.0 | 4650.00 | 758.10 | 767.75 | 0.0 | 6.43 | 1214.03 | 1677.96 | 1174.31 | 0.0 |
| | 184985.000 | 100.00 | 0.0 | 0.0 | 4650.00 | 758.10 | 768.64 | 0.0 | 6.87 | 1443.58 | 1677.00 | 886.13 | 0.89 |
| | 185011.000 | 26.00 | 767.80 | 772.30 | 4650.00 | 758.10 | 767.95 | 0.0 | 6.02 | 1210.13 | 1679.23 | 1266.96 | 0.0 |
| | 185011.000 | 26.00 | 999999.00 | 0.0 | 4650.00 | 758.10 | 768.84 | 0.0 | 6.41 | 1428.75 | 1677.00 | 977.96 | 0.89 |
| BE | 185211.000 | 200.00 | 0.0 | 0.0 | 4650.00 | 758.50 | 768.32 | 0.0 | 5.57 | 1092.93 | 1595.39 | 1369.44 | 0.0 |
| BF | 185211.000 | 200.00 | 0.0 | 0.0 | 4650.00 | 758.50 | 769.23 | 0.0 | 5.94 | 1401.05 | 1576.15 | 1057.50 | 0.91 |
| BF | 186250.000 | 1039.00 | 0.0 | 0.0 | 4650.00 | 759.70 | 769.40 | 0.0 | 6.91 | 1096.46 | 1499.20 | 1054.13 | 0.0 |
| BG | 186250.000 | 1039.00 | 0.0 | 0.0 | 4650.00 | 759.70 | 770.18 | 0.0 | 7.53 | 1367.17 | 1482.48 | 698.06 | 0.78 |
| | 186350.000 | 100.00 | 0.0 | 0.0 | 4650.00 | 759.70 | 769.64 | 0.0 | 6.43 | 1089.19 | 1504.65 | 1153.04 | 0.0 |
| | 186350.000 | 100.00 | 0.0 | 0.0 | 4650.00 | 759.70 | 770.49 | 0.0 | 6.89 | 1352.57 | 1483.93 | 795.94 | 0.85 |
| | 186358.000 | 8.00 | 767.40 | 770.30 | 4650.00 | 759.70 | 769.64 | 0.0 | 6.41 | 1039.14 | 1504.95 | 1156.87 | 0.0 |
| | 186358.000 | 8.00 | 999999.00 | 0.0 | 4650.00 | 759.70 | 770.50 | 0.0 | 6.87 | 1351.38 | 1484.03 | 801.02 | 0.85 |
| BG | 186458.000 | 100.00 | 0.0 | 0.0 | 4650.00 | 759.70 | 769.82 | 0.0 | 6.09 | 1098.17 | 1510.48 | 1227.37 | 0.0 |
| BH | 186458.000 | 100.00 | 0.0 | 0.0 | 4650.00 | 759.70 | 770.70 | 0.0 | 6.49 | 1342.04 | 1485.16 | 868.60 | 0.88 |
| BI | 187925.000 | 1467.00 | 0.0 | 0.0 | 4600.00 | 765.50 | 772.02 | 0.0 | 5.89 | 1459.75 | 2420.44 | 1874.39 | 0.0 |
| BH | 187925.000 | 1467.00 | 0.0 | 0.0 | 4600.00 | 765.50 | 772.89 | 0.0 | 6.32 | 1612.28 | 2099.48 | 1485.59 | 0.87 |

| | SECNO | XLCH | ELTRD | ELLC | Q | ELMIN | CWSEL | CRWS | VCH | SSTA | ENDST | AREA | DIFWSP |
|-------------|------------|---------|--------|--------|---------|--------|--------|--------|-------|---------|---------|---------|--------|
| BI | 189300 | | | | | | | | | | | | |
| BJ | 190310.000 | 2385.00 | 0.0 | 0.0 | 4600.00 | 768.30 | 775.73 | 0.0 | 7.06 | 1269.08 | 2090.81 | 1571.13 | 0.0 |
| | 190310.000 | 2305.00 | 0.0 | 0.0 | 4600.00 | 768.30 | 776.47 | 0.0 | 7.80 | 1487.86 | 1802.43 | 1084.58 | 0.74 |
| * | 190410.000 | 100.00 | 0.0 | 0.0 | 4600.00 | 768.60 | 776.50 | 776.50 | 12.58 | 1652.51 | 1728.47 | 365.61 | 0.0 |
| * | 190410.000 | 100.00 | 0.0 | 0.0 | 4600.00 | 768.60 | 776.54 | 776.54 | 12.50 | 1652.41 | 1728.59 | 368.14 | 0.03 |
| | 190435.000 | 25.00 | 784.70 | 781.90 | 4600.00 | 768.60 | 777.06 | 0.0 | 11.25 | 1650.87 | 1730.48 | 408.93 | 0.0 |
| | 190435.000 | 25.00 | 784.70 | 781.90 | 4600.00 | 768.60 | 777.86 | 0.0 | 9.69 | 1648.50 | 1733.37 | 474.70 | 0.80 |
| BJ | 189525 | | | | | | | | | | | | |
| BK | 190535.000 | 100.00 | 0.0 | 0.0 | 4600.00 | 768.90 | 779.22 | 0.0 | 2.29 | 1109.06 | 2203.86 | 4368.46 | 0.0 |
| | 190535.000 | 100.00 | 0.0 | 0.0 | 4600.00 | 768.90 | 779.45 | 0.0 | 2.73 | 1352.22 | 1965.42 | 3300.25 | 0.23 |
| BKBE | 191125.000 | 1590.00 | 0.0 | 0.0 | 4150.00 | 771.80 | 779.40 | 779.40 | 9.54 | 1044.67 | 1542.56 | 901.13 | 0.0 |
| | 191125.000 | 1590.00 | 0.0 | 0.0 | 4150.00 | 771.80 | 780.11 | 780.11 | 10.67 | 1175.89 | 1401.54 | 662.92 | 0.71 |
| BL | 193225.000 | 2100.00 | 0.0 | 0.0 | 4090.00 | 778.50 | 786.43 | 0.0 | 9.01 | 1083.50 | 1566.23 | 993.67 | 0.0 |
| | 193225.000 | 2100.00 | 0.0 | 0.0 | 4090.00 | 778.50 | 787.32 | 0.0 | 9.39 | 1199.18 | 1464.44 | 814.64 | 0.89 |
| BMBN | 194950.000 | 1725.00 | 0.0 | 0.0 | 3990.00 | 779.90 | 790.23 | 0.0 | 6.91 | 1047.18 | 1174.80 | 615.63 | 0.0 |
| | 194950.000 | 1725.00 | 0.0 | 0.0 | 3990.00 | 779.90 | 790.84 | 0.0 | 6.45 | 1067.00 | 1163.00 | 618.48 | 0.61 |
| BNBO | 195725 | | | | | | | | | | | | |
| | 196790.000 | 840.00 | 0.0 | 0.0 | 3990.00 | 779.90 | 791.32 | 0.0 | 8.20 | 1050.29 | 1169.41 | 667.04 | 0.0 |
| | 196790.000 | 840.00 | 0.0 | 0.0 | 3990.00 | 779.90 | 791.67 | 0.0 | 9.01 | 1083.97 | 1143.26 | 529.01 | 0.35 |
| | 196815.000 | 25.00 | 0.0 | 0.0 | 3990.00 | 781.70 | 791.04 | 0.0 | 9.23 | 1276.47 | 1355.59 | 432.52 | 0.0 |
| | 196815.000 | 25.00 | 0.0 | 0.0 | 3990.00 | 781.70 | 791.91 | 0.0 | 7.88 | 1269.51 | 1359.80 | 506.26 | 0.87 |
| | 196833.000 | 18.00 | 800.40 | 799.00 | 3990.00 | 781.70 | 791.24 | 0.0 | 8.90 | 1274.89 | 1356.54 | 448.37 | 0.0 |
| | 196833.000 | 18.00 | 800.40 | 799.00 | 3990.00 | 781.70 | 792.04 | 0.0 | 7.71 | 1268.49 | 1360.41 | 517.78 | 0.80 |
| BOBP | 195792 | | | | | | | | | | | | |
| BP | 196859.000 | 25.00 | 0.0 | 0.0 | 3990.00 | 783.50 | 792.09 | 792.09 | 13.09 | 1067.07 | 1155.41 | 373.64 | 0.0 |
| | 196859.000 | 25.00 | 0.0 | 0.0 | 3990.00 | 783.50 | 791.70 | 791.70 | 15.22 | 1096.00 | 1133.00 | 262.17 | -0.39 |
| BP | 196675.000 | 1817.00 | 0.0 | 0.0 | 3820.00 | 786.40 | 798.61 | 0.0 | 9.08 | 1186.20 | 1328.07 | 603.77 | 0.0 |
| | 196675.000 | 1817.00 | 0.0 | 0.0 | 3820.00 | 786.40 | 799.94 | 0.0 | 9.05 | 1214.81 | 1270.12 | 509.58 | 1.33 |
| BP | 199300 | | | | | | | | | | | | |
| BS | 200375.000 | 1700.00 | 0.0 | 0.0 | 3820.00 | 791.20 | 801.73 | 0.0 | 6.91 | 1145.88 | 1436.25 | 961.90 | 0.0 |
| | 200375.000 | 1700.00 | 0.0 | 0.0 | 3820.00 | 791.20 | 802.76 | 0.0 | 7.05 | 1242.86 | 1397.18 | 805.04 | 1.02 |

SUMMARY OF ERRORS

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

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

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

FLOODWAY DATA, 100 YEAR FLOOD WATER SUR
 PROFILE NO. 2

| STATION | FLOODWAY WIDTH (FT) | FLOODWAY SECTION AREA | MEAN VELOCITY | WATER SURFACE ELEVATION | | DIFFERENCE |
|------------|---------------------------|-----------------------------|------------------|-------------------------|---------------------|------------|
| | | | | WITH FLOODWAY | WITHOUT FLOODWAY | |
| 184625.000 | 76 | 515 | 9.1 | 766.9 | 766.4 | 0.5 |
| 184725.000 | 295 | 1191 | 3.9 | 768.2 | 767.3 | 0.9 |
| 184733.000 | 302 | 1223 | 3.8 | 768.3 | 767.4 | 0.9 |
| 184813.000 | 105 | 657 | 7.2 | 767.9 | 767.1 | 0.8 |
| 184885.000 | 195 | 1258 | 3.7 | 768.8 | 767.8 | 1.0 |
| 184985.000 | 233 | 886 | 5.2 | 768.6 | 767.7 | 0.9 |
| 185011.000 | 248 | 978 | 4.8 | 768.8 | 767.9 | 0.9 |
| 185211.000 | 175 | 1058 | 4.4 | 769.2 | 768.3 | 0.9 |
| 186250.000 | 115 | 698 | 6.7 | 770.2 | 769.4 | 0.8 |
| 186350.000 | 131 | 796 | 5.8 | 770.5 | 769.6 | 0.9 |
| 186358.000 | 133 | 801 | 5.8 | 770.5 | 769.6 | 0.9 |
| 186458.000 | 143 | 869 | 5.4 | 770.7 | 769.8 | 0.9 |
| 187925.000 | 487 | 1486 | 3.1 | 772.9 | 772.0 | 0.9 |
| 190310.000 | 315 | 1085 | 4.2 | 776.4 | 775.7 | 0.7 |
| 190410.000 | 76 | 368 | 12.5 | 776.5 | 776.5 | 0.0 |
| 190435.000 | 85 | 475 | 9.7 | 777.9 | 777.1 | 0.8 |
| 190535.000 | 613 | 3300 | 1.4 | 779.4 | 779.2 | 0.2 |
| 192125.000 | 226 | 663 | 6.3 | 780.1 | 779.4 | 0.7 |
| 193225.000 | 265 | 815 | 5.0 | 787.3 | 786.4 | 0.9 |
| 195950.000 | 94 | 618 | 6.5 | 790.8 | 790.2 | 0.6 |
| 196790.000 | 59 | 529 | 7.5 | 791.7 | 791.3 | 0.4 |
| 196815.000 | 90 | 506 | 7.9 | 791.9 | 791.0 | 0.9 |
| 196833.000 | 92 | 518 | 7.7 | 792.0 | 791.2 | 0.8 |
| 196858.000 | 37 | 262 | 15.2 | 791.8 | 792.1 | 0.3 |
| 198675.000 | 55 | 510 | 7.5 | 799.9 | 798.6 | 1.3 |
| 200375.000 | 154 | 805 | 4.7 | 802.7 | 801.7 | 1.0 |

HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
ERROR CORR - 01
MODIFICATION - 50,51,52

EJ