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 HCC VERSION: 01/01/75  
 ORDER CORRECTIONS: 01, 02, 04, 05, 06, 07, 08  
 MODIFICATIONS: 52, 53, 54, 55, 56, 57, 58  
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1 DAVISON COUNTY BASIN E STREAM 6  
 12 FLOODPLAIN STUDY AT ROWAN & DAVISON COUNTIES, M-G JOB NO. 691B  
 13 10 YEAR FLOOD WATER SURFACE PROFILE

| ST | ICHECK   | IMP      | MINV     | IMR      | STRT     | METRIC   | HVINS    | Q        | WSEL     | EG       |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|    | -1.      | 2.       | 0.       | 0.       | 0.021000 | 0.0      | 0.0      | 0.       | 693.600  | 0.0      |
| ST | IMPROF   | IPLOT    | PREVS    | XSECV    | XSECH    | FN       | ALLOC    | IBW      | CHPIK    | ITRACE   |
|    | 0.0      | 0.0      | -1.000   | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| JK | 1.000    | 54.000   | 3.000    | 4.000    | 27.000   | 28.000   | 26.000   | 0.0      | 0.0      | 0.0      |
| WC | 0.055    | 0.555    | 0.039    | 0.100    | 0.300    | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| JK | 5.000    | 162.000  | 324.000  | 416.000  | 654.000  | 416.000  | 0.0      | 0.0      | 0.0      | 0.0      |
| ET | 5.000    | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | -10.400  | 0.0      | 0.0      | 0.0      |
| XR | 1200.000 | 0.000    | 1200.000 | 1334.000 | 1400.000 | 1403.000 | 1400.000 | 0.0      | 0.0      | 0.0      |
| GR | 664.000  | 1000.000 | 667.000  | 1100.000 | 653.100  | 1200.000 | 648.900  | 1253.000 | 648.600  | 1360.000 |
| GR | 648.900  | 1307.000 | 653.100  | 1354.000 | 655.600  | 1400.000 | 0.0      | 0.0      | 0.0      | 0.0      |
| BT | 5.000    | 95.000   | 199.000  | 262.000  | 429.000  | 262.000  | 0.0      | 0.0      | 0.0      | 0.0      |
| AI | 125.000  | 0.000    | 1171.000 | 1193.000 | 725.000  | 725.000  | 725.000  | 0.0      | -2.400   | 0.0      |
| GR | 644.300  | 1000.000 | 673.100  | 1100.000 | 671.600  | 1171.000 | 665.700  | 1179.000 | 668.000  | 1193.000 |
| GR | 669.600  | 1200.000 | 676.900  | 1300.000 | 684.300  | 1350.000 | 0.0      | 0.0      | 0.0      | 0.0      |
| AI | 50.000   | 0.000    | 0.000    | 0.000    | 50.000   | 50.000   | 50.000   | 0.0      | 0.200    | 0.0      |
| AI | 0.025    | 0.025    | 0.025    | 0.100    | 0.300    | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| AI | 2200.000 | 12.000   | 1177.500 | 1130.500 | 25.000   | 25.000   | 25.000   | 0.0      | 0.0      | 0.0      |
| GR | 642.200  | 1000.000 | 671.000  | 1100.000 | 669.500  | 1171.000 | 665.100  | 1177.500 | 664.900  | 1178.000 |
| GR | 669.600  | 1170.000 | 664.000  | 1180.000 | 668.100  | 1180.500 | 666.700  | 1193.000 | 667.500  | 1200.000 |
| AI | 74.000   | 1300.000 | 742.200  | 1350.000 | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| AI | 0.000    | 1.000    | 2.500    | 0.0      | 5.000    | 0.010    | 7.000    | 0.0      | 0.0      | 0.0      |
| AI | 662.000  | 16.000   | 1302.500 | 1355.500 | 62.000   | 62.000   | 62.000   | 0.0      | 0.0      | 0.0      |
| AI | 0.0      | 0.0      | 1.000    | 668.600  | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| AI | 12.000   | 1000.000 | 678.700  | 0.0      | 1100.000 | 680.400  | 0.0      | 1200.000 | 678.500  | 0.0      |
| AI | 1300.000 | 673.500  | 0.0      | 1362.500 | 673.300  | 667.100  | 1363.000 | 673.300  | 668.200  | 1364.000 |
| AI | 673.500  | 660.600  | 668.000  | 673.500  | 668.200  | 1365.500 | 673.500  | 667.100  | 1400.000 | 674.000  |
| AI | 0.000    | 1000.000 | 673.700  | 0.0      | 1600.000 | 648.000  | 0.0      | 0.0      | 0.0      | 0.0      |
| GR | 676.700  | 1000.000 | 669.000  | 1100.000 | 678.500  | 1200.000 | 675.500  | 1260.000 | 673.000  | 1285.000 |
| GR | 671.500  | 1350.000 | 667.100  | 1362.500 | 666.000  | 1363.000 | 665.600  | 1364.000 | 666.000  | 1365.000 |
| GR | 667.100  | 1365.000 | 668.700  | 1376.000 | 669.500  | 1385.000 | 676.000  | 1485.000 | 641.000  | 1525.000 |
| GR | 0.000    | 1300.000 | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| AI | 0.025    | 0.025    | 0.035    | 0.100    | 0.300    | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
| AI | 2200.000 | 0.000    | 1171.000 | 1193.000 | 25.000   | 25.000   | 25.000   | 0.0      | 0.0      | 0.0      |
| GR | 644.300  | 1000.000 | 673.100  | 1100.000 | 671.600  | 1171.000 | 665.700  | 1179.000 | 668.000  | 1193.000 |
| GR | 669.600  | 1200.000 | 676.900  | 1300.000 | 684.300  | 1350.000 | 0.0      | 0.0      | 0.0      | 0.0      |

1 2357.000 0.0 0.0 0.0 -50.000 50.000 50.000 0.0 0.200 0.0  
 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

CURVE 0.100 CURVE 0.500

| SENO     | DEPTH | CNSL   | CRWS   | WSELK  | EG     | HV    | HL    | BLOSS  | BANK ELEV |
|----------|-------|--------|--------|--------|--------|-------|-------|--------|-----------|
| TIME     | VLOB  | VCH    | VROB   | XNL    | XNCH   | XNR   | WTN   | ELMIN  | SSTA      |
| SLOPE    | XLOB  | XLCH   | XLOR   | ITR1AL | IDC    | ICONT | CORAR | TOPWID | ENDST     |
| 1400.00  | 0.00  | 649.40 | 649.39 | 653.60 | 649.69 | 0.29  | 0.0   | 0.0    | 653.10    |
| 162.     | 0.    | 162.   | 0.     | 0.     | 38.    | 0.    | 0.    | 0.     | 653.10    |
| 0.0      | 0.0   | 4.30   | 0.0    | 0.055  | 0.035  | 0.055 | 0.0   | 648.60 | 1248.65   |
| 0.020623 | 1400. | 1400.  | 1400.  | 0      | 20     | 1     | 0.0   | 63.58  | 1310.23   |

7185 MIN SPECIFIC ENERGY

5720 ASSUMED CRITICAL DEPTH

| SENO     | DEPTH | CNSL   | CRWS   | WSELK  | EG     | HV    | HL    | BLOSS  | BANK ELEV |
|----------|-------|--------|--------|--------|--------|-------|-------|--------|-----------|
| TIME     | VLOB  | VCH    | VROB   | XNL    | XNCH   | XNR   | WTN   | ELMIN  | SSTA      |
| SLOPE    | XLOB  | XLCH   | XLOR   | ITR1AL | IDC    | ICONT | CORAR | TOPWID | ENDST     |
| 2125.00  | 2.29  | 665.59 | 665.59 | 0.0    | 666.18 | 0.59  | 14.58 | 0.0    | 669.20    |
| 95.      | 0.    | 95.    | 0.     | 0.     | 15.    | 0.    | 0.    | 1.     | 666.40    |
| 0.03     | 0.0   | 6.15   | 0.0    | 0.055  | 0.035  | 0.055 | 0.035 | 663.30 | 1175.89   |
| 0.019271 | 725.  | 725.   | 725.   | 4      | 23     | 1     | 0.0   | 13.47  | 1189.36   |

|          |      |        |     |       |        |       |       |        |         |
|----------|------|--------|-----|-------|--------|-------|-------|--------|---------|
| 2175.00  | 2.95 | 666.44 | 0.0 | 0.0   | 666.65 | 0.22  | 0.44  | 0.04   | 669.40  |
| 95.      | 0.   | 95.    | 0.  | 0.    | 25.    | 0.    | 0.    | 1.     | 666.60  |
| 0.04     | 0.0  | 3.73   | 0.0 | 0.055 | 0.035  | 0.055 | 0.035 | 663.50 | 1175.01 |
| 0.005076 | 50.  | 50.    | 50. | 2     | 0      | 1     | 0.0   | 17.29  | 1192.30 |

CURVE 0.100 CURVE 0.500

6665 20 TRIALS USED WSEL,CNSL

7185 MIN SPECIFIC ENERGY

5720 ASSUMED CRITICAL DEPTH

| SENO     | DEPTH | CNSL   | CRWS   | WSELK  | EG     | HV    | HL    | BLOSS  | BANK ELEV |
|----------|-------|--------|--------|--------|--------|-------|-------|--------|-----------|
| TIME     | VLOB  | VCH    | VROB   | XNL    | XNCH   | XNR   | WTN   | ELMIN  | SSTA      |
| SLOPE    | XLOB  | XLCH   | XLOR   | ITR1AL | IDC    | ICONT | CORAR | TOPWID | ENDST     |
| 2200.00  | 3.02  | 666.62 | 666.62 | 0.0    | 667.13 | 0.51  | 0.14  | 0.0    | 669.10    |
| 95.      | 0.    | 95.    | 0.     | 0.     | 8.     | 0.    | 0.    | 1.     | 666.10    |
| 0.04     | 0.0   | 6.84   | 0.0    | 0.025  | 0.025  | 0.025 | 0.035 | 663.60 | 1175.25   |
| 0.005564 | 45.   | 45.    | 45.    | 30     | 0      | 1     | 0.0   | 17.14  | 1192.39   |

SPECIAL CRITIC

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 HEC2 VERSION UPDATED JAN 1975  
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08  
 MODIFICATIONS 52,53,54,55,56,57,58  
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T1 DAVIDSON COUNTY BASIN E STREAM 6  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES M-G JOB NO. 6918  
 T3 50 YEAR FLOOD WATER SURFACE PROFILE

J1 CHECK INQ UNV IDIR STRT METRIC HVINS Q WSEL F0  
 -10. 3. 0. 0. 0.021000 0.0 0.0 0. 654.600 0.0

J2 MPROF IPLOT 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

CCHV= 0.100 CENV= 0.300

5720 ASSUMED CRITICAL DEPTH

| SECHO    | DEPTH | WSEL   | CRWS   | WSELK  | LG     | 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 | IDC    | ICONT | CORAR | TOPWID | ENDST      |
| 1460.00  | 1.15  | 648.75 | 648.75 | 654.60 | 650.19 | 0.44  | 0.0   | 0.0    | 653.10     |
| 224.     | 0.    | 324.   | 0.     | 0.     | 61.    | 0.    | 0.    | 0.     | 653.10     |
| 0.0      | 0.0   | 5.32   | 0.0    | 0.055  | 0.035  | 0.055 | 0.0   | 648.60 | 1242.27    |
| 0.010025 | 1400. | 1400.  | 1400.  | 0      | 21     | 1     | 0.0   | 70.19  | 1312.46    |

7185 211 SPECIFIC ENERGY

5720 ASSUMED CRITICAL DEPTH

| SECHO    | DEPTH | WSEL   | CRWS   | WSELK  | LG     | 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 | IDC    | ICONT | CORAR | TOPWID | ENDST      |
| 2125.00  | 3.02  | 662.39 | 662.39 | 0.0    | 667.17 | 0.70  | 13.27 | 0.0    | 667.20     |
| 199.     | 0.    | 199.   | 0.     | 0.     | 28.    | 0.    | 1.    | 1.     | 666.40     |
| 0.06     | 0.0   | 7.10   | 0.0    | 0.055  | 0.035  | 0.055 | 0.035 | 663.30 | 1174.81    |
| 0.017208 | 725.  | 725.   | 725.   | 20     | 20     | 1     | 0.0   | 18.15  | 1192.96    |

| SECHO   | DEPTH | WSEL   | CRWS  | WSELK  | LG     | 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 | IDC    | ICONT | CORAR | TOPWID | ENDST      |
| 2175.00 | 3.79  | 667.29 | 0.0   | 0.0    | 667.64 | 0.35  | 0.43  | 0.04   | 667.40     |
| 199.    | 0.    | 197.   | 0.    | 0.     | 41.    | 2.    | 1.    | 1.     | 666.60     |
| 0.03    | 0.0   | 4.79   | 0.0   | 0.055  | 0.035  | 0.055 | 0.035 | 663.50 | 1173.86    |
| 0.00520 | 50.   | 50.    | 50.   | 20     | 20     | 1     | 0.0   | 25.17  | 1199.08    |

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 HEAD VERSION UPDATED JAN 1975  
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08  
 MODIFICATIONS 52,53,54,55,56,57,58  
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T1 DAVIDSON COUNTY BASIN E STREAM 6  
 T2 FLOODPLAIN STUDY AT ROWAN & DAVIDSON COUNTIES 4-6 JOB NO. 6918  
 T3 500 YEAR FLOOD WATER SURFACE PROFILE

J1 ICHECK IHO MINV IIR STRI METRIC HVINS Q WSEL FO

-10. 5. 0. 0. 0.021000 0.0 0.0 0. 657.900 0.0

J2 NPROF IPCOT PREVS XSECV XSECH FN ALLOC IBW CHNIN ITRACE

15,000 0.0 -1.000 0.0 0.0 0.0 0.0 0.0 0.0 0.0

CCHV= 0.100 CCHV= 0.300

3720 ASSUMED CRITICAL DEPTH

| SECD  | DEPTH | WSEL | LRHS  | WSELK  | EG   | HV    | HL    | QLOSS  | BANK ELEV  |
|-------|-------|------|-------|--------|------|-------|-------|--------|------------|
| 0     | WLOB  | QCH  | QROB  | ALOB   | ACH  | AROB  | VOL   | TWA    | LEFT/RIGHT |
| TIME  | VLOB  | VCH  | VROB  | XNL    | XNCH | XNR   | WTN   | ELMIN  | SSTA       |
| SLOPE | XLOB  | XLCH | XLOBR | ITRIAL | LOC  | ICONT | CORAR | TOPWID | ENDST      |

|          |       |        |        |        |        |       |     |        |         |
|----------|-------|--------|--------|--------|--------|-------|-----|--------|---------|
| 1400.00  | 1.00  | 650.29 | 650.29 | 657.60 | 650.93 | 0.64  | 0.0 | 0.0    | 653.10  |
| 654.     | 0.    | 654.   | 0.     | 0.     | 102.   | 0.    | 0.  | 0.     | 653.10  |
| 0.0      | 0.0   | 6.42   | 0.0    | 0.055  | 0.035  | 0.055 | 0.0 | 648.60 | 1235.41 |
| 0.016756 | 1400. | 1400.  | 1400.  | 0      | 21     | 1     | 0.0 | 80.55  | 1315.96 |

7105 WITH SPECIFIC ENERGY

3720 ASSUMED CRITICAL DEPTH

| SECD  | DEPTH | WSEL | LRHS  | WSELK  | EG   | HV    | HL    | QLOSS  | BANK ELEV  |
|-------|-------|------|-------|--------|------|-------|-------|--------|------------|
| 0     | WLOB  | QCH  | QROB  | ALOB   | ACH  | AROB  | VOL   | TWA    | LEFT/RIGHT |
| TIME  | VLOB  | VCH  | VROB  | XNL    | XNCH | XNR   | WTN   | ELMIN  | SSTA       |
| SLOPE | XLOB  | XLCH | XLOBR | ITRIAL | LOC  | ICONT | CORAR | TOPWID | ENDST      |

|          |      |        |        |       |        |       |       |        |         |
|----------|------|--------|--------|-------|--------|-------|-------|--------|---------|
| 2125.00  | 4.24 | 667.54 | 667.54 | 0.0   | 660.59 | 1.05  | 10.81 | 0.0    | 669.20  |
| 429.     | 0.   | 618.   | 13.    | 0.    | 50.    | 6.    | 1.    | 1.     | 666.40  |
| 0.02     | 0.0  | 6.35   | 2.26   | 0.055 | 0.035  | 0.055 | 0.035 | 663.30 | 1173.26 |
| 0.012619 | 725. | 725.   | 725.   | 14    | 20     | 1     | 0.0   | 51.34  | 1204.60 |

1301 HV CHANGED MORE THAN HVINS

|         |      |        |        |     |        |      |       |     |        |
|---------|------|--------|--------|-----|--------|------|-------|-----|--------|
| 2175.00 | 4.99 | 668.49 | 668.49 | 0.0 | 669.01 | 1.05 | 10.81 | 0.0 | 669.20 |
|---------|------|--------|--------|-----|--------|------|-------|-----|--------|

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

500 YEAR FLOOD WATER SUR

| SECTION NUMBER | CHANNEL LENGTH | MIN EL. OF ROADWAY | MAX EL. OF LOW CHORD | MIN EL. OF GROUND | DISCHARGE (CFS) | CWSEL  | TO     | CG     | TOPWID | STEMCL | STEMCR | VCH  |
|----------------|----------------|--------------------|----------------------|-------------------|-----------------|--------|--------|--------|--------|--------|--------|------|
| A 1400.00      | 1400.00        | 0.0                | 0.0                  | 648.60            | 162.00          | 649.40 | 11.28  | 649.69 | 63.58  | 0.0    | 0.0    | 4.30 |
| 1400.00        | 1400.00        | 0.0                | 0.0                  | 648.60            | 324.00          | 649.75 | 23.49  | 650.19 | 70.19  | 0.0    | 0.0    | 5.32 |
| 1400.00        | 1400.00        | 0.0                | 0.0                  | 648.60            | 416.00          | 649.92 | 30.91  | 650.42 | 73.43  | 0.0    | 0.0    | 5.69 |
| 1400.00        | 1400.00        | 0.0                | 0.0                  | 648.60            | 654.00          | 650.29 | 50.51  | 650.93 | 80.55  | 0.0    | 0.0    | 6.42 |
| A 2125.00      | 725.00         | 0.0                | 0.0                  | 663.30            | 95.00           | 665.59 | 6.84   | 666.18 | 13.47  | 0.0    | 0.0    | 6.15 |
| 2125.00        | 725.00         | 0.0                | 0.0                  | 663.30            | 199.00          | 666.39 | 15.17  | 667.17 | 18.15  | 0.0    | 0.0    | 7.10 |
| 2015 2125.00   | 725.00         | 0.0                | 0.0                  | 663.30            | 262.00          | 666.73 | 20.01  | 667.63 | 21.54  | 0.0    | 0.0    | 7.63 |
| 2125.00        | 725.00         | 0.0                | 0.0                  | 663.30            | 429.00          | 667.53 | 38.19  | 668.59 | 31.34  | 0.0    | 0.0    | 8.35 |
| 2175.00        | 50.00          | 0.0                | 0.0                  | 663.50            | 95.00           | 666.44 | 13.33  | 666.66 | 17.29  | 0.0    | 0.0    | 3.73 |
| 2175.00        | 50.00          | 0.0                | 0.0                  | 663.50            | 199.00          | 667.29 | 27.81  | 667.64 | 25.17  | 0.0    | 0.0    | 4.79 |
| 2175.00        | 50.00          | 0.0                | 0.0                  | 663.50            | 262.00          | 667.68 | 36.82  | 668.09 | 30.52  | 0.0    | 0.0    | 5.23 |
| 2175.00        | 50.00          | 0.0                | 0.0                  | 663.50            | 429.00          | 668.49 | 60.02  | 669.01 | 42.72  | 0.0    | 0.0    | 6.04 |
| 2200.00        | 25.00          | 0.0                | 0.0                  | 663.60            | 95.00           | 666.62 | 11.71  | 667.13 | 17.14  | 0.0    | 0.0    | 6.84 |
| 2200.00        | 25.00          | 0.0                | 0.0                  | 663.60            | 199.00          | 667.34 | 25.96  | 667.95 | 24.41  | 0.0    | 0.0    | 7.61 |
| 2150 2200.00   | 25.00          | 0.0                | 0.0                  | 663.60            | 262.00          | 667.61 | 33.64  | 668.32 | 27.01  | 0.0    | 0.0    | 8.16 |
| 2200.00        | 25.00          | 0.0                | 0.0                  | 663.60            | 429.00          | 668.57 | 72.21  | 669.13 | 42.26  | 0.0    | 0.0    | 7.29 |
| 2262.00        | 62.00          | 673.30             | 668.60               | 665.60            | 95.00           | 670.89 | 190.86 | 670.91 | 47.32  | 0.0    | 0.0    | 1.35 |
| 2262.00        | 62.00          | 673.30             | 668.60               | 665.60            | 199.00          | 674.04 | 558.67 | 674.04 | 170.99 | 0.0    | 0.0    | 0.64 |
| 2262.00        | 62.00          | 673.30             | 668.60               | 665.60            | 262.00          | 674.25 | 621.21 | 674.26 | 175.77 | 0.0    | 0.0    | 0.77 |
| 2262.00        | 62.00          | 673.30             | 668.60               | 665.60            | 429.00          | 674.69 | 757.31 | 674.70 | 185.38 | 0.0    | 0.0    | 1.07 |
| 2287.00        | 25.00          | 0.0                | 0.0                  | 665.70            | 95.00           | 670.89 | 68.09  | 670.92 | 45.76  | 0.0    | 0.0    | 1.23 |
| 2287.00        | 25.00          | 0.0                | 0.0                  | 665.70            | 199.00          | 674.04 | 321.32 | 674.04 | 169.15 | 0.0    | 0.0    | 0.84 |
| 2287.00        | 25.00          | 0.0                | 0.0                  | 665.70            | 262.00          | 674.25 | 352.87 | 674.26 | 174.00 | 0.0    | 0.0    | 1.03 |
| 2287.00        | 25.00          | 0.0                | 0.0                  | 665.70            | 429.00          | 674.68 | 422.34 | 674.70 | 183.77 | 0.0    | 0.0    | 1.47 |
| 2337.00        | 50.00          | 0.0                | 0.0                  | 665.90            | 95.00           | 670.90 | 61.18  | 670.93 | 42.88  | 0.0    | 0.0    | 1.33 |
| 2337.00        | 50.00          | 0.0                | 0.0                  | 665.90            | 199.00          | 674.04 | 293.75 | 674.05 | 164.66 | 0.0    | 0.0    | 0.90 |
| 2337.00        | 50.00          | 0.0                | 0.0                  | 665.90            | 262.00          | 674.25 | 323.60 | 674.26 | 169.51 | 0.0    | 0.0    | 1.10 |
| 2337.00        | 50.00          | 0.0                | 0.0                  | 665.90            | 429.00          | 674.69 | 389.75 | 674.71 | 179.32 | 0.0    | 0.0    | 1.56 |

| SECTION NUMBER | DISCHARGE CFS | CWSEL   | CWSEL DIFF. EACH U | CWSEL DIFF. EACH SECT. (U) | WSEL - WSELK | TOPWID | T.W. DIFF | LENGTH   |
|----------------|---------------|---------|--------------------|----------------------------|--------------|--------|-----------|----------|
| 1400.000       | 162.000       | 649.403 | 0.0                | 0.0                        | 0.0          | 63.584 | 0.0       | 1400.000 |
| 1400.000       | 324.000       | 649.750 | 0.347              | 0.0                        | 0.0          | 70.193 | -6.608    | 1400.000 |
| 1400.000       | 416.000       | 649.920 | 0.170              | 0.0                        | 0.0          | 73.434 | -9.849    | 1400.000 |
| 1400.000       | 654.000       | 650.295 | 0.374              | 0.0                        | 0.0          | 80.549 | -16.964   | 1400.000 |
| 2125.000       | 95.000        | 665.592 | 0.0                | 16.190                     | 0.0          | 13.465 | 0.0       | 725.000  |
| 2125.000       | 199.000       | 666.390 | 0.798              | 16.640                     | 0.0          | 18.149 | -4.684    | 725.000  |
| 2125.000       | 262.000       | 666.725 | 0.339              | 16.809                     | 0.0          | 21.536 | -8.071    | 725.000  |
| 2125.000       | 429.000       | 667.535 | 0.806              | 17.242                     | 0.0          | 31.342 | -17.877   | 725.000  |
| 2175.000       | 95.000        | 666.444 | 0.0                | 0.852                      | 0.0          | 17.292 | 0.0       | 50.000   |
| 2175.000       | 199.000       | 667.289 | 0.845              | 0.839                      | 0.0          | 25.174 | -7.882    | 50.000   |
| 2175.000       | 262.000       | 667.578 | 0.289              | 0.249                      | 0.0          | 30.524 | -13.232   | 50.000   |
| 2175.000       | 429.000       | 668.478 | 0.814              | 0.957                      | 0.0          | 42.724 | -25.432   | 50.000   |

|          |         |         |       |        |     |         |          |        |
|----------|---------|---------|-------|--------|-----|---------|----------|--------|
| 2200.000 | 95.000  | 662.621 | 0.0   | 0.177  | 0.0 | -17.130 | 0.0      | 25.000 |
| 2200.000 | 199.000 | 667.339 | 0.718 | 0.050  | 0.0 | 24.406  | -7.265   | 25.000 |
| 2200.000 | 262.000 | 667.414 | 0.273 | -0.066 | 0.0 | 27.810  | -10.672  | 25.000 |
| 2200.000 | 429.000 | 668.574 | 0.962 | 0.002  | 0.0 | 42.257  | -25.119  | 25.000 |
| 2262.000 | 95.000  | 670.892 | 0.0   | 4.271  | 0.0 | 47.325  | 0.0      | 62.000 |
| 2262.000 | 199.000 | 674.039 | 3.145 | 6.699  | 0.0 | 170.992 | -123.667 | 62.000 |
| 2262.000 | 262.000 | 674.254 | 0.215 | 6.642  | 0.0 | 175.772 | -128.447 | 62.000 |
| 2262.000 | 429.000 | 674.688 | 0.434 | 6.114  | 0.0 | 185.370 | -138.054 | 62.000 |
| 2287.000 | 95.000  | 670.894 | 0.0   | -0.001 | 0.0 | 45.775  | 0.0      | 25.000 |
| 2287.000 | 199.000 | 674.037 | 3.143 | -0.002 | 0.0 | 169.152 | -123.377 | 25.000 |
| 2287.000 | 262.000 | 674.250 | 0.214 | -0.003 | 0.0 | 175.997 | -128.222 | 25.000 |
| 2287.000 | 429.000 | 674.683 | 0.433 | -0.005 | 0.0 | 183.769 | -137.994 | 25.000 |
| 2337.000 | 95.000  | 670.902 | 0.0   | 0.008  | 0.0 | 42.879  | 0.0      | 50.000 |
| 2337.000 | 199.000 | 674.038 | 3.136 | 0.001  | 0.0 | 164.657 | -121.778 | 50.000 |
| 2337.000 | 262.000 | 674.252 | 0.214 | 0.002  | 0.0 | 169.514 | -126.635 | 50.000 |
| 2337.000 | 429.000 | 674.686 | 0.434 | 0.003  | 0.0 | 179.321 | -136.442 | 50.000 |

DATA FOR LAST CROSS SECTION

| PROFILE | TYPE ENC | TARGET | TOP WIDTH<br>AREA-ACRES | TOP WIDTH<br>AREA-DIFF |
|---------|----------|--------|-------------------------|------------------------|
| 1       | 0.0      | 0.0    | 0.792                   | 0.0                    |
| 2       | 0.0      | 0.0    | 1.203                   | 0.410                  |
| 3       | 0.0      | 0.0    | 1.279                   | 0.467                  |
| 4       | 0.0      | 0.0    | 1.474                   | 0.602                  |

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