

SCALES CREEK



|         |      |      |       |       |       |       |       |      |      |  |
|---------|------|------|-------|-------|-------|-------|-------|------|------|--|
| GR12.7  | 750. | 18.2 | 450.  | 20.2  | 950.  |       |       |      |      |  |
| X14.0   | 154. | 433. | 457.  | 3600. | 3800. | 4000. |       |      |      |  |
| GR24.5  | 0.   | 24.3 | 50.   | 22.0  | 150.  | 16.5  | 250.  | 3.7  | 395. |  |
| GR3.9   | 433. | 1.0  | 434.  | -1.2  | 442.  | 1.0   | 447.  | 4.3  | 450. |  |
| GR4.4   | 476. | 17.8 | 550.  | 23.7  | 650.  | 22.5  | 750.  | 23.8 | 850. |  |
| X15.1   | 0.   | 0.   | 0.    | 250.  | 250.  | 250.  |       |      |      |  |
| NC      |      | .013 | .3    | .5    |       |       |       |      |      |  |
| X15.2   | 9.   | 487. | 500.  | 50.   | 50.   | 50.   |       |      |      |  |
| X310.   |      |      |       |       |       |       | 9.2   | 9.2  |      |  |
| GR 21.5 |      | 20.6 | 110.  | 15.5  | 490.  | 3.    | 484.  | -1.3 | 467. |  |
| GR -1.3 | 500. | 3.   | 514.  | 15.6  | 600.  | 15.4  | 900.  |      |      |  |
| SB 1.   | 1.7  | 2.8  |       | 13.   | 1.    | 60.   |       | -1.3 | -1.3 |  |
| X15.3   | 0.   | 0.   | 0.    | 148.5 | 148.5 | 148.5 |       |      |      |  |
| X2      |      | 1.   | 3.7   | 14.8  |       |       |       |      |      |  |
| X310.   |      |      |       |       |       |       | 14.8  | 14.8 |      |  |
| BT 6.   |      | 21.5 |       | 40.   | 15.5  |       | 487.  | 14.8 |      |  |
| BT 500. | 14.8 |      | 600.  | 15.0  |       | 900.  | 19.4  |      |      |  |
| X15.4   | 154. | 433. | 457.  | 100.  | 100.  | 100.  |       |      |      |  |
| GR24.5  | 0.   | 24.3 | 50.   | 22.0  | 150.  | 16.5  | 250.  | 3.7  | 395. |  |
| GR3.9   | 433. | 1.0  | 434.  | -1.2  | 442.  | 1.0   | 447.  | 4.3  | 450. |  |
| GR4.4   | 476. | 17.8 | 550.  | 23.7  | 650.  | 22.5  | 750.  | 23.8 | 850. |  |
| VC      |      | .07  | .1    | .3    |       |       |       |      |      |  |
| BT 5.   | 272. | 564. | 743.  | 1335. | 743.  |       |       |      |      |  |
| X1 7.1  | 10.  | 380. | 400.  | 1500. | 1400. | 1300. |       | -1.  |      |  |
| X4 3.   | 17.5 | 300. | 6.8   | 389.  | 7.1   | 397.  |       |      |      |  |
| GR 26.7 |      | 24.3 | 100.  | 25.   | 200.  | 14.7  | 354.  | 14.3 | 380. |  |
| GR 7.2  | 386. | 13.4 | 400.  | 15.1  | 415.  | 21.1  | 500.  | 25.3 | 600. |  |
| VC      |      | .07  | .1    | .5    |       |       |       |      |      |  |
| X1 7.2  | 14.  | 792. | 608.  | 110.  | 100.  | 100.  |       |      |      |  |
| X3 10.  |      |      |       |       |       |       | 13.   | 13.  |      |  |
| GR 25.  |      | 20.  | 200.  | 15.   | 670.  | 10.   | 680.  | 10.  | 788. |  |
| GR 7.9  | 792. | 5.9  | 794.  | 5.    | 800.  | 6.5   | 806.  | 8.3  | 808. |  |
| GR 10.  | 850. | 15.  | 950.  | 20.   | 1000. | 20.   | 1130. |      |      |  |
| SB 1.   | 2.27 | 3.   |       | 12.   | 4.    | 37.6  | .53   | 6.7  | 6.7  |  |
| X1 7.3  |      |      |       | 50.   | 50.   | 50.   |       |      |      |  |
| X2      |      | 1.   | 10.5  | 19.   |       |       |       |      |      |  |
| X3 10.  |      |      |       |       |       |       | 19.   | 19.5 |      |  |
| BT 5.   |      | 25.  |       | 20.   | 20.   |       | 700.  | 19.  |      |  |
| BT 800. | 19.5 |      | 1100. | 20.   |       | 1130. | 25.   |      |      |  |
| X1 7.4  | 10.  | 380. | 400.  | 50.   | 50.   | 50.   |       | .5   |      |  |
| GR 26.7 |      | 24.3 | 100.  | 25.   | 200.  | 14.7  | 354.  | 14.3 | 380. |  |
| GR 7.2  | 386. | 13.4 | 400.  | 15.1  | 415.  | 21.1  | 500.  | 25.3 | 600. |  |
| X1      |      |      |       | 1000. | 1000. | 1000. |       |      |      |  |
| X19.1   | 0.   | 0.   | 0.    | 1500. | 700.  | 900.  |       |      |      |  |
| NC      |      | .07  | .3    | .5    |       |       |       |      |      |  |
| X1 9.2  | 10.  | 434. | 450.  | 100.  | 100.  | 100.  |       |      |      |  |
| X3 10.  |      |      |       |       |       |       | 22.   | 22.  |      |  |
| GR26.7  | 0.   | 26.4 | 50.   | 26.0  | 150.  | 25.5  | 250.  | 25.2 | 350. |  |
| GR 21.  | 420. | 16.0 | 474.  | 16.6  | 450.  | 21.   | 455.  | 24.7 | 550. |  |
| GR 23.8 | 750. | 23.9 | 850.  |       |       |       |       |      |      |  |
| SB 1.   | 2.1  | 2.6  |       | 15.   | 1.    | 58.0  | .12   | 17.7 | 17.7 |  |
| X19.3   |      |      |       | 40.0  | 45.5  | 45.5  |       |      |      |  |
| X2      |      | 1.   | 21.7  | 23.0  |       |       |       |      |      |  |
| X3 10.  |      |      |       |       |       |       | 24.7  | 23.6 |      |  |
| BT 5.   |      | 20.7 |       | 30.1  | 25.2  |       | 434.  | 24.7 |      |  |
| BT 750. | 23.5 |      | 650.  | 23.0  |       |       |       |      |      |  |
| NC      |      | .06  | .1    | .3    |       |       |       |      |      |  |
| X1 9.4  | 14   | 40.  | 410.  | 50.   | 50.   | 50.   |       | -1.7 |      |  |
| GR 27.4 |      | 27.5 | 10    | 20.5  | 110   | 23.2  | 212   | 23.2 | 312  |  |
| GR 21.7 | 400  | 19.5 | 400   | 19    | 400   | 19.5  | 409   | 21.9 | 412  |  |
| GR 21   | 510  | 24.1 | 510   | 24.5  | 712   | 26.9  | 812   |      |      |  |
| NC      |      | .7   | .3    | .5    |       |       |       |      |      |  |
| X1 10.2 | 11.  | 436. | 450.  | 100.  | 100.  | 100.  |       |      |      |  |
| X310.   |      |      |       |       |       |       | 22.5  | 22.5 |      |  |
| GR26.1  | 0.   | 25.5 | 50.   | 24.9  | 150.  | 24.2  | 250.  | 24.9 | 350. |  |
| GR 21.5 | 0.   | 17.7 | 474.  | 17.7  | 450.  | 21.7  | 455.  | 24.7 | 550. |  |

|    |      |      |      |      |       |       |      |      |      |      |
|----|------|------|------|------|-------|-------|------|------|------|------|
| GR | 24.7 | 850. |      |      |       |       |      |      |      |      |
| SB | 1.   | 2.   | 2.8  |      | 10.   | 4.    | 39.2 | 408  | 16.5 | 16.5 |
| X1 | 19.3 | 0.   |      | 0.   | 95.5  | 95.5  | 95.5 |      |      |      |
| X2 |      |      | 1.   | 21.4 | 23.5  |       |      |      |      |      |
| X3 | 10.  |      |      |      |       |       | 23.6 |      | 23.5 |      |
| BT | 9.   |      | 26.1 |      | 50.   | 25.5  |      | 150. | 24.9 |      |
| BT | 250. | 24.2 |      | 350. | 23.9  |       |      | 23.6 |      | 450. |
| BT | 23.6 |      | 550. | 23.5 |       | 850.  | 24.7 |      |      |      |
| NC |      |      | 30.  | 1.   | 3.    |       |      |      |      |      |
| X1 | 10.4 | 14   | 40.  | 412. | 50.   | 50.   | 50.  |      |      |      |
| GR | 27.4 | 0.   | 27.8 | 12.  | 25.5  | 112.  | 23.2 | 212. | 23.2 | 312. |
| GR | 21.7 | 400. | 19.5 | 403. | 19.0  | 406.  | 19.5 | 409. | 21.9 | 412. |
| GR | 23.0 | 512. | 24.1 | 612. | 24.5  | 712.  | 26.9 | 812. |      |      |
| X1 | 11   |      |      | 800. | 1000. | 1000. |      |      |      |      |

EJ

T1 SCALES CREEK  
T2 ONSLOW COUNTY  
T3 W50

J1 3  
J2 2 -1.

T1 SCALES CREEK  
T2 ONSLOW COUNTY  
T3 W100

J1 4  
J2 3 -1.

T1 SCALES CREEK  
T2 ONSLOW COUNTY  
T3 W50

J1 5  
J2 15 -1.

|    |    |      |  |  |  |  |  |  |     |
|----|----|------|--|--|--|--|--|--|-----|
| J1 | 3  | 4002 |  |  |  |  |  |  | 2   |
| J2 | 2  |      |  |  |  |  |  |  | -1. |
| J1 | 4  | 4002 |  |  |  |  |  |  | 2   |
| J2 | 3  |      |  |  |  |  |  |  | -1. |
| J1 | 5  | 4000 |  |  |  |  |  |  | 2   |
| J2 | 15 |      |  |  |  |  |  |  | -1. |

ER

|    |      |      |      |      |      |       |       |      |      |      |
|----|------|------|------|------|------|-------|-------|------|------|------|
| 64 | 24.7 | 850. |      |      |      |       |       |      |      |      |
| SB | 1.   | 2.   | 2.8  |      | 10.  | 4.    | 39.2  | 408  | 16.5 | 16.5 |
| X1 | 10.3 | 0.   | 0.   | 4.   | 95.5 | 95.5  | 95.5  |      |      |      |
| X2 |      |      | 1.   | 21.4 | 23.5 |       |       |      |      |      |
| X3 | 10.  |      |      |      |      |       |       | 23.6 | 23.5 |      |
| BT | 9.   |      | 26.1 |      | 50.  | 25.5  |       | 150. | 24.9 |      |
| BT | 250. | 24.2 |      | 350. | 23.9 |       | 436.  | 23.6 |      | 450. |
| BT | 23.6 |      | 550. |      | 23.8 |       | 850.  | 24.7 |      |      |
| NC |      |      | .36  |      | .1   |       | .3    |      |      |      |
| X1 | 10.4 | 14   | 400. | 412  | 50   | 50    | 50    |      |      |      |
| GR | 27.4 | 0.   | 27.8 | 12.  | 25.5 | 112.  | 23.2  | 212. | 23.2 | 312. |
| GR | 21.7 | 400. | 19.5 | 403. | 19.5 | 406.  | 19.5  | 409. | 21.9 | 412. |
| GR | 23.0 | 512. | 24.1 | 612. | 24.5 | 712.  | 26.9  | 812. |      |      |
| X1 | 11   |      |      |      | 800. | 1000. | 1000. |      |      |      |

|    |                |     |  |  |      |     |  |  |  |   |
|----|----------------|-----|--|--|------|-----|--|--|--|---|
| EJ |                |     |  |  |      |     |  |  |  |   |
| T1 | SCALES CREEK   |     |  |  |      |     |  |  |  |   |
| T2 | ONSGLOW COUNTY |     |  |  |      |     |  |  |  |   |
| T3 | 050            |     |  |  |      |     |  |  |  |   |
| J1 |                | 3   |  |  | .002 |     |  |  |  | 2 |
| J2 | 2              | -1. |  |  |      | -1. |  |  |  |   |
| T1 | SCALES CREEK   |     |  |  |      |     |  |  |  |   |
| T2 | ONSGLOW COUNTY |     |  |  |      |     |  |  |  |   |
| T3 | 0100           |     |  |  |      |     |  |  |  |   |
| J1 |                | 4   |  |  | .002 |     |  |  |  | 2 |
| J2 | 3              | -1. |  |  |      | -1. |  |  |  |   |
| T1 | SCALES CREEK   |     |  |  |      |     |  |  |  |   |
| T2 | ONSGLOW COUNTY |     |  |  |      |     |  |  |  |   |
| T3 | 0500           |     |  |  |      |     |  |  |  |   |
| J1 |                | 5   |  |  | .002 |     |  |  |  | 2 |
| J2 | 15             | -1. |  |  |      | -1. |  |  |  |   |

15

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|    |         |         |         |         |          |          |          |          |        |          |
|----|---------|---------|---------|---------|----------|----------|----------|----------|--------|----------|
| X1 | 1.400   | 0.      | 0.      | 0.      | 50.000   | 50.000   | 50.000   | -0.      | -0.    | -0.      |
| NC | -0.     | -0.     | .070    | .100    | .300     | -0.      | -0.      | -0.      | -0.    | -0.      |
| X1 | 2.000   | 25.000  | 415.000 | 700.000 | 300.000  | 200.000  | 250.000  | -0.      | -0.    | -0.      |
| GR | 14.800  | 0.      | 12.800  | 100.000 | 11.300   | 140.000  | 5.100    | 200.000  | 4.000  | 290.000  |
| GR | 1.400   | 300.000 | 1.300   | 400.000 | 1.800    | 415.000  | .560     | 417.000  | -.500  | 420.000  |
| GR | -3.400  | 440.000 | -3.900  | 450.000 | -3.900   | 480.000  | -3.500   | 500.000  | -2.700 | 520.000  |
| GR | -2.500  | 540.000 | -1.900  | 560.000 | -1.700   | 580.000  | -1.100   | 600.000  | .560   | 616.000  |
| GR | 1.400   | 700.000 | 1.300   | 800.000 | 5.600    | 900.000  | 7.400    | 1000.000 | 7.100  | 1100.000 |
| X1 | 3.000   | 18.000  | 434.000 | 550.000 | 2000.000 | 2400.000 | 2600.000 | -0.      | -0.    | -0.      |
| GR | 16.200  | 0.      | 15.700  | 50.000  | 9.500    | 150.000  | 1.500    | 250.000  | 1.700  | 350.000  |
| GR | 1.300   | 434.000 | .570    | 443.000 | -.590    | 451.000  | -1.600   | 471.000  | -3.100 | 491.000  |
| GR | -2.800  | 511.000 | .600    | 531.000 | 1.800    | 550.000  | 4.800    | 570.000  | 10.600 | 650.000  |
| GR | 12.700  | 750.000 | 18.200  | 850.000 | 20.200   | 950.000  | -0.      | -0.      | -0.    | -0.      |
| QT | 5.000   | 240.000 | 500.000 | 660.000 | 1190.000 | 660.000  | -0.      | -0.      | -0.    | -0.      |
| X1 | 4.000   | 15.000  | 433.000 | 450.000 | 3600.000 | 3800.000 | 4000.000 | -0.      | -0.    | -0.      |
| GR | 24.500  | 0.      | 24.300  | 50.000  | 22.000   | 150.000  | 16.500   | 250.000  | 3.700  | 395.000  |
| GR | 3.900   | 433.000 | 1.000   | 434.000 | -1.200   | 442.000  | 1.000    | 447.000  | 4.300  | 450.000  |
| GR | 4.400   | 476.000 | 17.800  | 550.000 | 23.700   | 650.000  | 22.500   | 750.000  | 23.800 | 850.000  |
| X1 | 5.100   | 0.      | 0.      | 0.      | 250.000  | 250.000  | 250.000  | -0.      | -0.    | -0.      |
| NC | -0.     | -0.     | .013    | .300    | .500     | -0.      | -0.      | -0.      | -0.    | -0.      |
| X1 | 5.200   | 9.000   | 487.000 | 500.000 | 50.000   | 50.000   | 50.000   | -0.      | -0.    | -0.      |
| X3 | 10.000  | -0.     | -0.     | -0.     | -0.      | -0.      | -0.      | 9.200    | 9.200  | -0.      |
| GR | 21.500  | -0.     | 20.600  | 100.000 | 15.500   | 400.000  | 3.000    | 484.000  | -1.300 | 487.000  |
| GR | -1.300  | 500.000 | 3.000   | 504.000 | 15.600   | 600.000  | 19.400   | 900.000  | -0.    | -0.      |
| SB | 1.000   | 1.700   | 2.800   | -0.     | 13.000   | 1.000    | 60.000   | -0.      | -1.300 | -1.300   |
| X1 | 5.300   | 0.      | 0.      | 0.      | 148.500  | 148.500  | 148.500  | -0.      | -0.    | -0.      |
| X2 | -0.     | -0.     | 1.000   | 3.700   | 14.800   | -0.      | -0.      | -0.      | -0.    | -0.      |
| X3 | 10.000  | -0.     | -0.     | -0.     | -0.      | -0.      | -0.      | 14.800   | 14.800 | -0.      |
| BT | 6.000   | -0.     | 21.500  | -0.     | 400.000  | 15.500   | -0.      | 487.000  | 14.800 | -0.      |
| BT | 500.000 | 14.800  | -0.     | 600.000 | 15.600   | -0.      | 900.000  | 19.400   | -0.    | -0.      |
| X1 | 5.400   | 15.000  | 433.000 | 450.000 | 100.000  | 100.000  | 100.000  | -0.      | -0.    | -0.      |
| GR | 24.500  | 0.      | 24.300  | 50.000  | 22.000   | 150.000  | 16.500   | 250.000  | 3.700  | 395.000  |
| GR | 3.900   | 433.000 | 1.000   | 434.000 | -1.200   | 442.000  | 1.000    | 447.000  | 4.300  | 450.000  |
| GR | 4.400   | 476.000 | 17.800  | 550.000 | 23.700   | 650.000  | 22.500   | 750.000  | 23.800 | 850.000  |
| NC | -0.     | -0.     | .070    | .100    | .300     | -0.      | -0.      | -0.      | -0.    | -0.      |
| QT | 5.000   | 272.000 | 564.000 | 743.000 | 1330.000 | 743.000  | -0.      | -0.      | -0.    | -0.      |

|    |        |         |         |         |          |          |          |         |        |         |
|----|--------|---------|---------|---------|----------|----------|----------|---------|--------|---------|
| X1 | 8.000  | 17.000  | 430.000 | 450.000 | 2700.000 | 2600.000 | 2500.000 | -0.     | -0.    | -0.     |
| GR | 26.300 | -0.     | 26.800  | 50.000  | 24.400   | 150.000  | 25.000   | 250.000 | 17.500 | 350.000 |
| GR | 14.700 | 404.000 | 14.300  | 430.000 | 7.200    | 436.000  | 6.800    | 439.000 | 7.200  | 447.000 |
| GR | 13.400 | 450.000 | 15.100  | 465.000 | 21.100   | 550.000  | 25.300   | 650.000 | 19.400 | 675.000 |
| GR | 20.300 | 750.000 | 21.500  | 850.000 | -0.      | -0.      | -0.      | -0.     | -0.    | -0.     |
| QT | 5.000  | 150.000 | 320.000 | 420.000 | 775.000  | 420.000  | -0.      | -0.     | -0.    | -0.     |

|    |        |         |         |         |          |         |         |         |        |         |
|----|--------|---------|---------|---------|----------|---------|---------|---------|--------|---------|
| X1 | 9.100  | 30.000  | 436.500 | 452.000 | 1500.000 | 700.000 | 900.000 | -0.     | -0.    | -0.     |
| GR | 26.700 | -0.     | 26.400  | 50.000  | 26.000   | 150.000 | 25.500  | 250.000 | 25.200 | 350.000 |
| GR | 19.300 | 436.500 | 18.300  | 436.800 | 17.300   | 437.800 | 16.800  | 439.000 | 17.300 | 440.200 |
| GR | 18.300 | 441.200 | 19.300  | 441.500 | 19.200   | 442.300 | 18.200  | 442.600 | 17.200 | 443.600 |
| GR | 16.700 | 445.000 | 17.200  | 446.400 | 18.200   | 447.400 | 19.200  | 447.700 | 19.100 | 447.900 |
| GR | 18.100 | 448.200 | 17.100  | 449.200 | 16.600   | 450.000 | 17.000  | 450.800 | 18.100 | 451.800 |
| GR | 19.100 | 452.000 | 24.400  | 550.000 | 24.000   | 650.000 | 23.800  | 750.000 | 23.900 | 850.000 |
| NC | -0.    | -0.     | .070    | .300    | .500     | -0.     | -0.     | -0.     | -0.    | -0.     |

|    |        |         |         |         |         |         |         |         |        |         |
|----|--------|---------|---------|---------|---------|---------|---------|---------|--------|---------|
| X1 | 9.200  | 32.000  | 436.500 | 452.500 | 100.000 | 100.000 | 100.000 | -0.     | -0.    | -0.     |
| X3 | 10.000 | -0.     | -0.     | -0.     | -0.     | -0.     | -0.     | 23.300  | 23.100 | -0.     |
| GR | 26.700 | -0.     | 26.400  | 50.000  | 26.000  | 150.000 | 25.500  | 250.000 | 25.200 | 350.000 |
| GR | 24.800 | 436.500 | 19.300  | 436.500 | 18.300  | 436.800 | 17.300  | 437.700 | 16.800 | 439.000 |
| GR | 17.300 | 440.300 | 18.300  | 441.200 | 19.300  | 441.500 | 19.200  | 442.300 | 18.200 | 442.600 |
| GR | 17.200 | 443.500 | 16.700  | 444.800 | 17.200  | 446.100 | 18.200  | 447.000 | 19.200 | 447.300 |
| GR | 19.100 | 447.500 | 18.100  | 447.800 | 17.100  | 448.700 | 16.600  | 450.000 | 17.100 | 451.300 |
| GR | 18.100 | 452.200 | 19.100  | 452.500 | 24.700  | 452.500 | 24.400  | 550.000 | 24.000 | 650.000 |
| GR | 23.800 | 750.000 | 23.900  | 850.000 | -0.     | -0.     | -0.     | -0.     | -0.    | -0.     |
| SB | 1.250  | 1.600   | 2.950   | -0.     | 16.000  | 1.000   | 58.900  | -0.     | 16.700 | 17.900  |
| NC | -0.    | -0.     | .070    | .100    | .300    | -0.     | -0.     | -0.     | -0.    | -0.     |

|    |         |         |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 9.300   | -0.     | -0.     | -0.     | 52.000  | 52.000  | 52.000  | -0.     | -0.     | -0.     |
| X2 | -0.     | -0.     | 1.000   | 21.800  | 23.800  | -0.     | -0.     | -0.     | -0.     | -0.     |
| X3 | 10.000  | -0.     | -0.     | -0.     | -0.     | -0.     | -0.     | 24.700  | 23.800  | -0.     |
| BT | 30.000  | -0.     | 26.700  | 26.700  | 50.000  | 26.400  | 26.400  | 150.000 | 26.000  | 26.000  |
| BT | 250.000 | 25.500  | 25.500  | 350.000 | 25.200  | 25.200  | 436.500 | 24.800  | 19.300  | 436.800 |
| BT | 24.800  | 20.300  | 437.700 | 24.800  | 21.300  | 439.000 | 24.800  | 21.800  | 440.300 | 24.800  |
| BT | 21.300  | 441.200 | 24.800  | 20.300  | 441.500 | 24.800  | 19.300  | 442.300 | 24.800  | 19.200  |
| BT | 442.600 | 24.800  | 20.200  | 443.500 | 24.800  | 21.200  | 444.800 | 24.800  | 21.700  | 446.100 |
| BT | 24.800  | 21.200  | 447.000 | 24.800  | 20.200  | 447.300 | 24.800  | 19.200  | 447.500 | 24.700  |
| BT | 19.100  | 447.800 | 24.700  | 20.100  | 448.700 | 24.700  | 21.100  | 450.000 | 24.700  | 21.600  |
| BT | 451.300 | 24.700  | 21.100  | 452.200 | 24.700  | 20.100  | 452.500 | 24.700  | 19.100  | 550.000 |
| BT | 24.400  | 24.400  | 650.000 | 24.000  | 24.000  | 750.000 | 23.800  | 23.800  | 850.000 | 23.900  |
| BT | 23.900  | -0.     | -0.     | -0.     | -0.     | -0.     | -0.     | -0.     | -0.     | -0.     |

|    |        |         |         |         |        |         |        |         |        |         |
|----|--------|---------|---------|---------|--------|---------|--------|---------|--------|---------|
| X1 | 9.400  | 14.000  | 400.000 | 412.000 | 50.000 | 50.000  | 50.000 | -0.     | -1.700 | -0.     |
| GR | 27.400 | -0.     | 27.800  | 12.000  | 25.500 | 112.000 | 23.200 | 212.000 | 23.200 | 312.000 |
| GR | 21.700 | 400.000 | 19.500  | 403.000 | 19.000 | 406.000 | 19.500 | 409.000 | 21.900 | 412.000 |
| GR | 23.000 | 512.000 | 24.100  | 612.000 | 24.500 | 712.000 | 26.900 | 812.000 | -0.    | -0.     |
| NC | -0.    | -0.     | .070    | .300    | .500   | -0.     | -0.    | -0.     | -0.    | -0.     |





THIS RUN EXECUTED 10 FEB 82 10.57.58

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980  
 ERROR CORR - 01,02,03,04  
 MODIFICATION - 50,51,52,53,54  
 \*\*\*\*\*

T1 SCALES CREEK  
 T2 ONSLOW COUNTY  
 T3 050

| J1 | ICHECK | ING  | NINV   | IDIR  | STRT    | METRIC | HVINS  | Q   | WSEL  | FD     |
|----|--------|------|--------|-------|---------|--------|--------|-----|-------|--------|
|    | -0.    | 3.   | -0.    | -0.   | .000500 | -0.    | -0.    | -0. | 2.000 | -0.    |
| J2 | NPROF  | IPLT | PRFVS  | XSECV | XSECH   | FN     | ALLOC  | IBW | CHNIM | ITRACE |
|    | 2.000  | -0.  | -1.000 | -0.   | -0.     | -0.    | -1.000 | -0. | -0.   | -0.    |

THIS RUN EXECUTED 10 FEB 82 10.57.58

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980  
 ERROR CORR - 01,02,03,04  
 MODIFICATION - 50,51,52,53,54  
 \*\*\*\*\*

T1 SCALES CREEK  
 T2 ONSLOW COUNTY  
 T3 0100

| J1 | ICHECK | ING    | NINV   | IDIR  | STRT    | METRIC | HVINS  | Q   | WSEL  | FG     |
|----|--------|--------|--------|-------|---------|--------|--------|-----|-------|--------|
|    | -0.    | 4.     | -0.    | -0.   | .000500 | -0.    | -0.    | -0. | 2.000 | -0.    |
| J2 | NPROF  | IPLLOT | PRFVS  | XSECV | XSECH   | FN     | ALLDC  | IBW | CMNIM | ITRACE |
|    | 3.000  | -0.    | -1.000 | -0.   | -0.     | -0.    | -1.000 | -0. | -0.   | -0.    |

THIS RUN EXECUTED 10 FEB 82 10.57.59

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980  
 ERROR CORR - 01,02,03,04  
 MODIFICATION - 50,51,52,53,54  
 \*\*\*\*\*

T1 SCALES CREEK  
 T2 ONSLOW COUNTY  
 T3 Q500

| J1 | ICHECK | ING  | NINV   | IDIR  | STRT    | METRIC | HVINS  | Q   | WSEL  | EQ     |
|----|--------|------|--------|-------|---------|--------|--------|-----|-------|--------|
|    | -0.    | 5.   | -0.    | -0.   | .000500 | -0.    | -0.    | -0. | 2.000 | -0.    |
| J2 | NPROF  | IPLT | PRFVS  | XSECV | XSECH   | FN     | ALLDC  | IBW | CHNIM | ITRACE |
|    | 15.000 | -0.  | -1.000 | -0.   | -0.     | -0.    | -1.000 | -0. | -0.   | -0.    |

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED APR1 1980  
 ERROR CORR - 01.02.03.04  
 MODIFICATION - 50.51.52.53.54  
 \*\*\*\*\*

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

SUMMARY PRINTOUT TABLE 150

| SECND | XLCH    | ELTRD | ELLC | ELMIN | Q       | CWSEL | CRINS | EG    | 10K*S | VCH  | AREA    | *01K    |
|-------|---------|-------|------|-------|---------|-------|-------|-------|-------|------|---------|---------|
| 1.100 | -0.     | 0.    | 0.   | -3.20 | 408.00  | 1.03  | -1.69 | 1.05  | 4.98  | .91  | 447.36  | 182.92  |
| 1.100 | -0.     | 0.    | 0.   | -3.20 | 827.00  | 2.51  | -1.21 | 2.53  | 5.03  | 1.16 | 715.36  | 368.91  |
| 1.100 | -0.     | 0.    | 0.   | -3.20 | 1080.00 | 3.19  | -.97  | 3.21  | 5.01  | 1.28 | 842.63  | 482.36  |
| 1.100 | -0.     | 0.    | 0.   | -3.20 | 1900.00 | 5.04  | -.29  | 5.08  | 5.03  | 1.60 | 1190.59 | 847.21  |
| 1.200 | 200.00  | 0.    | 0.   | -3.20 | 408.00  | 1.13  | -1.69 | 1.14  | 4.54  | .88  | 464.59  | 191.57  |
| 1.200 | 200.00  | 0.    | 0.   | -3.20 | 827.00  | 2.61  | -1.21 | 2.62  | 4.60  | 1.13 | 734.69  | 385.39  |
| 1.200 | 200.00  | 0.    | 0.   | -3.20 | 1080.00 | 3.28  | -.97  | 3.31  | 4.65  | 1.25 | 861.99  | 500.61  |
| 1.200 | 200.00  | 0.    | 0.   | -3.20 | 1900.00 | 5.14  | -.30  | 5.18  | 4.76  | 1.57 | 1211.02 | 870.93  |
| 1.300 | 25.50   | 7.36  | 6.70 | -3.20 | 408.00  | 1.13  | 0.    | 1.14  | 4.55  | .88  | 463.85  | 191.19  |
| 1.300 | 25.50   | 7.36  | 6.70 | -3.20 | 827.00  | 2.61  | 0.    | 2.63  | 4.62  | 1.13 | 734.07  | 384.86  |
| 1.300 | 25.50   | 7.36  | 6.70 | -3.20 | 1080.00 | 3.29  | 0.    | 3.31  | 4.66  | 1.25 | 861.54  | 500.18  |
| 1.300 | 25.50   | 7.36  | 6.70 | -3.20 | 1900.00 | 5.15  | 0.    | 5.18  | 4.77  | 1.57 | 1210.06 | 869.81  |
| 1.400 | 50.00   | 0.    | 0.   | -3.20 | 408.00  | 1.15  | -1.69 | 1.17  | 4.46  | .87  | 467.75  | 193.16  |
| 1.400 | 50.00   | 0.    | 0.   | -3.20 | 827.00  | 2.63  | -1.21 | 2.65  | 4.53  | 1.12 | 738.39  | 388.58  |
| 1.400 | 50.00   | 0.    | 0.   | -3.20 | 1080.00 | 3.31  | -.97  | 3.33  | 4.59  | 1.25 | 865.90  | 504.33  |
| 1.400 | 50.00   | 0.    | 0.   | -3.20 | 1900.00 | 5.17  | -.30  | 5.21  | 4.71  | 1.56 | 1214.53 | 875.03  |
| 2.000 | 250.00  | 0.    | 0.   | -3.90 | 408.00  | 1.22  | -2.57 | 1.23  | 1.67  | .55  | 747.92  | 315.49  |
| 2.000 | 250.00  | 0.    | 0.   | -3.90 | 827.00  | 2.70  | -2.05 | 2.71  | 1.55  | .68  | 1481.56 | 664.05  |
| 2.000 | 250.00  | 0.    | 0.   | -3.90 | 1080.00 | 3.39  | -1.78 | 3.39  | 1.50  | .74  | 1854.98 | 881.33  |
| 2.000 | 250.00  | 0.    | 0.   | -3.90 | 1900.00 | 5.25  | -1.19 | 5.26  | 1.37  | .88  | 3001.69 | 1621.83 |
| 3.000 | 2600.00 | 0.    | 0.   | -3.10 | 408.00  | 2.14  | -1.22 | 2.16  | 5.49  | 1.07 | 478.86  | 174.17  |
| 3.000 | 2600.00 | 0.    | 0.   | -3.10 | 827.00  | 3.56  | -.47  | 3.58  | 5.24  | 1.34 | 935.80  | 361.20  |
| 3.000 | 2600.00 | 0.    | 0.   | -3.10 | 1080.00 | 4.22  | -.14  | 4.25  | 5.21  | 1.46 | 1164.77 | 473.09  |
| 3.000 | 2600.00 | 0.    | 0.   | -3.10 | 1900.00 | 6.03  | .76   | 6.07  | 5.00  | 1.74 | 1836.02 | 849.84  |
| 4.000 | 4000.00 | 0.    | 0.   | -1.20 | 240.00  | 5.81  | 2.09  | 5.86  | 13.19 | 2.01 | 234.19  | 66.09   |
| 4.000 | 4000.00 | 0.    | 0.   | -1.20 | 500.00  | 7.42  | 3.45  | 7.48  | 14.68 | 2.53 | 437.75  | 130.49  |
| 4.000 | 4000.00 | 0.    | 0.   | -1.20 | 660.00  | 8.16  | 4.68  | 8.23  | 15.22 | 2.76 | 546.84  | 169.19  |
| 4.000 | 4000.00 | 0.    | 0.   | -1.20 | 1190.00 | 10.08 | 5.91  | 10.17 | 16.16 | 3.31 | 870.49  | 296.01  |

| SECNO  | XLCH    | ELTRD | ELLC  | ELMIN | Q       | CWSEL | CRWS  | EG    | 10K*S  | VCH  | AREA    | •D1K    |
|--------|---------|-------|-------|-------|---------|-------|-------|-------|--------|------|---------|---------|
| 5.100  | 250.00  | 0.    | 0.    | -1.20 | 240.00  | 6.10  | 2.09  | 6.14  | 9.96   | 1.81 | 268.45  | 76.03   |
| 5.100  | 250.00  | 0.    | 0.    | -1.20 | 500.00  | 7.75  | 3.35  | 7.80  | 11.54  | 2.32 | 485.65  | 147.18  |
| 5.100  | 250.00  | 0.    | 0.    | -1.20 | 660.00  | 8.52  | 4.69  | 8.57  | 12.15  | 2.54 | 601.28  | 189.37  |
| 5.100  | 250.00  | 0.    | 0.    | -1.20 | 1190.00 | 10.46 | 5.76  | 10.53 | 13.35  | 3.08 | 941.33  | 325.72  |
| 5.200  | 50.00   | 0.    | 0.    | -1.30 | 240.00  | 6.08  | .89   | 6.17  | .33    | 2.50 | 95.89   | 415.36  |
| 5.200  | 50.00   | 0.    | 0.    | -1.30 | 500.00  | 7.64  | 2.27  | 7.93  | .76    | 4.30 | 116.26  | 572.58  |
| 5.200  | 50.00   | 0.    | 0.    | -1.30 | 660.00  | 8.34  | 3.00  | 8.77  | 1.04   | 5.27 | 125.29  | 648.66  |
| 5.200  | 50.00   | 0.    | 0.    | -1.30 | 1190.00 | 10.14 | 5.07  | 10.88 | 1.57   | 7.26 | 579.34  | 950.82  |
| 5.300  | 148.50  | 14.80 | 3.70  | -1.30 | 240.00  | 6.41  | 0.    | 6.50  | .29    | 2.39 | 100.22  | 447.12  |
| 5.300  | 148.50  | 14.80 | 3.70  | -1.30 | 500.00  | 9.27  | 0.    | 9.48  | .44    | 3.64 | 137.41  | 756.60  |
| 5.300  | 148.50  | 14.80 | 3.70  | -1.30 | 660.00  | 11.28 | 0.    | 11.53 | .43    | 4.04 | 163.53  | 1011.11 |
| 5.300  | 148.50  | 14.80 | 3.70  | -1.30 | 1190.00 | 15.56 | 0.    | 15.82 | .35    | 4.47 | 1453.61 | 2001.83 |
| 5.400  | 100.00  | 0.    | 0.    | -1.20 | 240.00  | 6.44  | 2.09  | 6.51  | .47    | 2.20 | 308.97  | 351.03  |
| 5.400  | 100.00  | 0.    | 0.    | -1.20 | 500.00  | 9.41  | 3.43  | 9.51  | .43    | 2.76 | 750.35  | 765.71  |
| 5.400  | 100.00  | 0.    | 0.    | -1.20 | 660.00  | 11.49 | 4.22  | 11.58 | .33    | 2.78 | 1146.32 | 1150.85 |
| 5.400  | 100.00  | 0.    | 0.    | -1.20 | 1190.00 | 15.74 | 5.97  | 15.86 | .29    | 3.27 | 2185.37 | 2197.37 |
| 8.000  | 2500.00 | 0.    | 0.    | 6.80  | 272.00  | 12.61 | 9.55  | 12.79 | 49.37  | 3.35 | 81.21   | 38.71   |
| 8.000  | 2500.00 | 0.    | 0.    | 6.80  | 564.00  | 15.22 | 11.02 | 15.48 | 46.59  | 4.15 | 167.53  | 82.63   |
| 8.000  | 2500.00 | 0.    | 0.    | 6.80  | 743.00  | 16.39 | 11.75 | 16.64 | 39.32  | 4.25 | 275.27  | 118.50  |
| 8.000  | 2500.00 | 0.    | 0.    | 6.80  | 1330.00 | 19.07 | 13.69 | 19.26 | 26.18  | 4.23 | 689.21  | 259.92  |
| 9.100  | 900.00  | 0.    | 0.    | 16.60 | 150.00  | 20.23 | 18.94 | 20.40 | 119.36 | 3.39 | 59.22   | 13.73   |
| 9.100  | 900.00  | 0.    | 0.    | 16.60 | 320.00  | 21.56 | 20.10 | 21.74 | 89.67  | 3.86 | 155.24  | 33.79   |
| 9.100  | 900.00  | 0.    | 0.    | 16.60 | 420.00  | 22.12 | 20.55 | 22.29 | 81.39  | 4.01 | 213.36  | 46.55   |
| 9.100  | 900.00  | 0.    | 0.    | 16.60 | 775.00  | 23.61 | 21.57 | 23.78 | 65.63  | 4.35 | 417.98  | 95.66   |
| 9.200  | 100.00  | 0.    | 0.    | 16.60 | 150.00  | 21.10 | 18.85 | 21.21 | 59.05  | 2.64 | 56.74   | 19.52   |
| 9.200  | 100.00  | 0.    | 0.    | 16.60 | 320.00  | 22.48 | 19.84 | 22.73 | 101.69 | 4.05 | 78.92   | 31.73   |
| 9.200  | 100.00  | 0.    | 0.    | 16.60 | 420.00  | 23.07 | 20.31 | 23.42 | 126.38 | 4.75 | 88.38   | 37.36   |
| 9.200  | 100.00  | 0.    | 0.    | 16.60 | 775.00  | 24.57 | 21.70 | 25.00 | 152.01 | 5.76 | 290.48  | 62.86   |
| 9.300  | 52.00   | 23.80 | 21.80 | 16.60 | 150.00  | 21.11 | 0.    | 21.22 | 57.81  | 2.63 | 57.14   | 19.73   |
| 9.300  | 52.00   | 23.80 | 21.80 | 16.60 | 320.00  | 23.00 | 0.    | 23.21 | 75.85  | 3.66 | 87.36   | 36.74   |
| 9.300  | 52.00   | 23.80 | 21.80 | 16.60 | 420.00  | 23.79 | 0.    | 24.07 | 88.88  | 4.20 | 100.02  | 44.55   |
| 9.300  | 52.00   | 23.80 | 21.80 | 16.60 | 775.00  | 24.59 | 0.    | 25.00 | 145.09 | 5.63 | 304.12  | 64.34   |
| 9.400  | 50.00   | 0.    | 0.    | 17.30 | 150.00  | 21.39 | 19.91 | 21.46 | 40.73  | 2.67 | 159.97  | 23.50   |
| 9.400  | 50.00   | 0.    | 0.    | 17.30 | 320.00  | 23.27 | 21.23 | 23.27 | 4.42   | 1.20 | 990.36  | 152.14  |
| 9.400  | 50.00   | 0.    | 0.    | 17.30 | 420.00  | 24.11 | 21.55 | 24.12 | 2.43   | .99  | 1526.72 | 269.39  |
| 9.400  | 50.00   | 0.    | 0.    | 17.30 | 775.00  | 25.06 | 22.02 | 25.07 | 3.03   | 1.22 | 2198.43 | 445.38  |
| 10.200 | 100.00  | 0.    | 0.    | 17.30 | 150.00  | 21.64 | 18.82 | 21.73 | 19.14  | 2.47 | 60.73   | 34.29   |
| 10.200 | 100.00  | 0.    | 0.    | 17.30 | 320.00  | 23.33 | 19.83 | 23.42 | 16.02  | 2.81 | 280.26  | 79.94   |
| 10.200 | 100.00  | 0.    | 0.    | 17.30 | 420.00  | 24.15 | 20.32 | 24.22 | 12.13  | 2.67 | 504.55  | 120.57  |
| 10.200 | 100.00  | 0.    | 0.    | 17.30 | 775.00  | 25.11 | 21.87 | 25.17 | 12.92  | 3.00 | 1100.50 | 215.61  |

| SECND  | XLCH    | ELTRD | ELLC  | ELMIN | Q      | CWSEL | CRWS  | EG    | 104+S  | VCH  | AREA    | 01K    |
|--------|---------|-------|-------|-------|--------|-------|-------|-------|--------|------|---------|--------|
| 10.300 | 95.50   | 23.50 | 21.40 | 17.30 | 150.00 | 22.01 | 0.    | 22.09 | 14.51  | 2.27 | 65.98   | 39.37  |
| 10.300 | 95.50   | 23.50 | 21.40 | 17.30 | 320.00 | 23.91 | 0.    | 23.96 | 9.15   | 2.26 | 412.50  | 105.80 |
| 10.300 | 95.50   | 23.50 | 21.40 | 17.30 | 420.00 | 24.19 | 0.    | 24.26 | 11.62  | 2.62 | 522.45  | 123.19 |
| 10.300 | 95.50   | 23.50 | 21.40 | 17.30 | 775.00 | 25.11 | 0.    | 25.17 | 12.86  | 3.00 | 1103.19 | 216.11 |
| 10.400 | 50.00   | 0.    | 0.    | 19.00 | 150.00 | 22.25 | 21.60 | 22.66 | 173.25 | 5.22 | 42.11   | 11.40  |
| 10.400 | 50.00   | 0.    | 0.    | 19.00 | 320.00 | 23.99 | 22.99 | 24.04 | 22.26  | 2.72 | 471.97  | 67.82  |
| 10.400 | 50.00   | 0.    | 0.    | 19.00 | 420.00 | 24.30 | 23.29 | 24.34 | 21.27  | 2.79 | 615.34  | 91.07  |
| 10.400 | 50.00   | 0.    | 0.    | 19.00 | 775.00 | 25.22 | 23.78 | 25.25 | 16.75  | 2.82 | 1144.39 | 189.37 |
| 11.000 | 1000.00 | 0.    | 0.    | 19.00 | 150.00 | 23.86 | 21.59 | 23.87 | 6.27   | 1.41 | 419.97  | 59.91  |
| 11.000 | 1000.00 | 0.    | 0.    | 19.00 | 320.00 | 24.82 | 22.99 | 24.83 | 5.16   | 1.48 | 902.42  | 140.89 |
| 11.000 | 1000.00 | 0.    | 0.    | 19.00 | 420.00 | 25.14 | 23.33 | 25.15 | 5.47   | 1.59 | 1097.55 | 179.57 |
| 11.000 | 1000.00 | 0.    | 0.    | 19.00 | 775.00 | 26.05 | 23.78 | 26.06 | 5.97   | 1.85 | 1688.48 | 317.27 |

SUMMARY PRINTOUT TABLE 150

| SECNO | Q       | CWSEL | DIFWSP | DIFWSX | DIFKWS | TOPWID | XLCH    |
|-------|---------|-------|--------|--------|--------|--------|---------|
| 1.100 | 408.00  | 1.03  | 0.     | 0.     | -.97   | 167.01 | -0.     |
| 1.100 | 827.00  | 2.51  | 1.47   | 0.     | .51    | 187.50 | -0.     |
| 1.100 | 1080.00 | 3.19  | .68    | 0.     | 1.19   | 187.50 | -0.     |
| 1.100 | 1900.00 | 5.04  | 1.86   | 0.     | 3.04   | 187.50 | -0.     |
| 1.200 | 408.00  | 1.13  | 0.     | .10    | 0.     | 171.28 | 200.00  |
| 1.200 | 827.00  | 2.61  | 1.48   | .10    | 0.     | 187.50 | 200.00  |
| 1.200 | 1080.00 | 3.28  | .68    | .10    | 0.     | 187.50 | 200.00  |
| 1.200 | 1900.00 | 5.14  | 1.86   | .10    | 0.     | 187.50 | 200.00  |
| 1.300 | 408.00  | 1.13  | 0.     | .00    | 0.     | 171.10 | 25.50   |
| 1.300 | 827.00  | 2.61  | 1.48   | .00    | 0.     | 187.50 | 25.50   |
| 1.300 | 1080.00 | 3.29  | .68    | .00    | 0.     | 187.50 | 25.50   |
| 1.300 | 1900.00 | 5.15  | 1.86   | .00    | 0.     | 187.50 | 25.50   |
| 1.400 | 408.00  | 1.15  | 0.     | .02    | 0.     | 172.05 | 50.00   |
| 1.400 | 827.00  | 2.63  | 1.48   | .02    | 0.     | 187.50 | 50.00   |
| 1.400 | 1080.00 | 3.31  | .68    | .02    | 0.     | 187.50 | 50.00   |
| 1.400 | 1900.00 | 5.17  | 1.86   | .02    | 0.     | 187.50 | 50.00   |
| 2.000 | 408.00  | 1.22  | 0.     | .07    | 0.     | 266.36 | 250.00  |
| 2.000 | 827.00  | 2.70  | 1.48   | .07    | 0.     | 537.62 | 250.00  |
| 2.000 | 1080.00 | 3.39  | .68    | .07    | 0.     | 556.13 | 250.00  |
| 2.000 | 1900.00 | 5.25  | 1.87   | .08    | 0.     | 693.42 | 250.00  |
| 3.000 | 408.00  | 2.14  | 0.     | .92    | 0.     | 310.34 | 2600.00 |
| 3.000 | 827.00  | 3.56  | 1.41   | .85    | 0.     | 337.38 | 2600.00 |
| 3.000 | 1080.00 | 4.22  | .67    | .84    | 0.     | 350.15 | 2600.00 |
| 3.000 | 1900.00 | 6.03  | 1.81   | .78    | 0.     | 393.65 | 2600.00 |
| 4.000 | 240.00  | 5.81  | 0.     | 3.67   | 0.     | 112.61 | 4000.00 |
| 4.000 | 500.00  | 7.42  | 1.61   | 3.86   | 0.     | 139.79 | 4000.00 |
| 4.000 | 660.00  | 8.16  | .75    | 3.94   | 0.     | 152.37 | 4000.00 |
| 4.000 | 1190.00 | 10.08 | 1.92   | 4.05   | 0.     | 184.73 | 4000.00 |
| 5.100 | 240.00  | 6.10  | 0.     | .30    | 0.     | 117.63 | 250.00  |
| 5.100 | 500.00  | 7.75  | 1.65   | .34    | 0.     | 145.45 | 250.00  |
| 5.100 | 660.00  | 8.52  | .76    | .35    | 0.     | 158.28 | 250.00  |
| 5.100 | 1190.00 | 10.46 | 1.95   | .38    | 0.     | 191.08 | 250.00  |
| 5.200 | 240.00  | 6.08  | 0.     | -.03   | 0.     | 13.00  | 50.00   |
| 5.200 | 500.00  | 7.64  | 1.57   | -.11   | 0.     | 13.00  | 50.00   |
| 5.200 | 660.00  | 8.34  | .70    | -.18   | 0.     | 13.00  | 50.00   |
| 5.200 | 1190.00 | 10.14 | 1.80   | -.32   | 0.     | 122.39 | 50.00   |



| SECNO  | Q       | CWSEL | DIFWSP | DIFWSX | DIFKWS | TOPWID | XLCH    |
|--------|---------|-------|--------|--------|--------|--------|---------|
| 5.300  | 240.00  | 6.41  | 0.     | .33    | 0.     | 13.00  | 148.50  |
| 5.300  | 500.00  | 9.27  | 2.86   | 1.63   | 0.     | 13.00  | 148.50  |
| 5.300  | 660.00  | 11.28 | 2.01   | 2.94   | 0.     | 13.00  | 148.50  |
| 5.300  | 1190.00 | 15.56 | 4.28   | 5.42   | 0.     | 203.34 | 148.50  |
| 5.400  | 240.00  | 6.44  | 0.     | .03    | 0.     | 123.29 | 100.00  |
| 5.400  | 500.00  | 9.41  | 2.97   | .14    | 0.     | 173.42 | 100.00  |
| 5.400  | 660.00  | 11.49 | 2.07   | .21    | 0.     | 208.38 | 100.00  |
| 5.400  | 1190.00 | 15.74 | 4.25   | .18    | 0.     | 280.07 | 100.00  |
| 8.000  | 272.00  | 12.61 | 0.     | 6.17   | 0.     | 18.19  | 2500.00 |
| 8.000  | 564.00  | 15.22 | 2.60   | 5.80   | 0.     | 72.52  | 2500.00 |
| 8.000  | 743.00  | 16.39 | 1.17   | 4.90   | 0.     | 111.66 | 2500.00 |
| 8.000  | 1330.00 | 19.07 | 2.68   | 3.33   | 0.     | 192.27 | 2500.00 |
| 9.100  | 150.00  | 20.23 | 0.     | 7.62   | 0.     | 50.02  | 900.00  |
| 9.100  | 320.00  | 21.56 | 1.33   | 6.34   | 0.     | 94.17  | 900.00  |
| 9.100  | 420.00  | 22.12 | .56    | 5.73   | 0.     | 112.79 | 900.00  |
| 9.100  | 775.00  | 23.61 | 1.49   | 4.54   | 0.     | 162.14 | 900.00  |
| 9.200  | 150.00  | 21.10 | 0.     | .87    | 0.     | 16.00  | 100.00  |
| 9.200  | 320.00  | 22.48 | 1.38   | .92    | 0.     | 16.00  | 100.00  |
| 9.200  | 420.00  | 23.07 | .59    | .95    | 0.     | 16.00  | 100.00  |
| 9.200  | 775.00  | 24.57 | 1.50   | .95    | 0.     | 368.92 | 100.00  |
| 9.300  | 150.00  | 21.11 | 0.     | .02    | 0.     | 16.00  | 52.00   |
| 9.300  | 320.00  | 23.00 | 1.89   | .52    | 0.     | 16.00  | 52.00   |
| 9.300  | 420.00  | 23.79 | .79    | .72    | 0.     | 16.00  | 52.00   |
| 9.300  | 775.00  | 24.59 | .80    | .02    | 0.     | 380.75 | 52.00   |
| 9.400  | 150.00  | 21.39 | 0.     | .27    | 0.     | 202.65 | 50.00   |
| 9.400  | 320.00  | 23.27 | 1.88   | .26    | 0.     | 596.20 | 50.00   |
| 9.400  | 420.00  | 24.11 | .85    | .32    | 0.     | 668.43 | 50.00   |
| 9.400  | 775.00  | 25.06 | .95    | .47    | 0.     | 749.12 | 50.00   |
| 10.200 | 150.00  | 21.64 | 0.     | .25    | 0.     | 14.00  | 100.00  |
| 10.200 | 320.00  | 23.33 | 1.69   | .06    | 0.     | 174.76 | 100.00  |
| 10.200 | 420.00  | 24.15 | .83    | .04    | 0.     | 448.21 | 100.00  |
| 10.200 | 775.00  | 25.11 | .96    | .05    | 0.     | 735.07 | 100.00  |
| 10.300 | 150.00  | 22.01 | 0.     | .37    | 0.     | 14.00  | 95.50   |
| 10.300 | 320.00  | 23.91 | 1.90   | .58    | 0.     | 305.78 | 95.50   |
| 10.300 | 420.00  | 24.19 | .28    | .04    | 0.     | 470.93 | 95.50   |
| 10.300 | 775.00  | 25.11 | .92    | .00    | 0.     | 735.68 | 95.50   |
| 10.400 | 150.00  | 22.25 | 0.     | .24    | 0.     | 76.22  | 50.00   |
| 10.400 | 320.00  | 23.99 | 1.74   | .08    | 0.     | 423.35 | 50.00   |
| 10.400 | 420.00  | 24.30 | .31    | .11    | 0.     | 497.26 | 50.00   |
| 10.400 | 775.00  | 25.22 | .92    | .11    | 0.     | 617.81 | 50.00   |

| SECNO  | Q      | CWSEU | DIFWSP | DIFWSX | DIFKWS | TOPWID | XLCH    |
|--------|--------|-------|--------|--------|--------|--------|---------|
| 11.000 | 150.00 | 23.86 | 0.     | 1.60   | 0.     | 406.51 | 1000.00 |
| 11.000 | 320.00 | 24.82 | .95    | .82    | 0.     | 583.51 | 1000.00 |
| 11.000 | 420.00 | 25.14 | .33    | .84    | 0.     | 611.32 | 1000.00 |
| 11.000 | 775.00 | 26.05 | .91    | .83    | 0.     | 688.73 | 1000.00 |

THIS RUN EXECUTED 10 FEB 82 11.23.54

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 MEC2 RELEASE DATED NOV 76 UPDATED APR1 1980  
 ERROR CORR - 01,02,03,04  
 MODIFICATION - 50,51,52,53,54  
 \*\*\*\*\*

T1 SCALES CREEK  
 T2 ONSLOW COUNTY  
 T3 BASE FLOOD

| J1 | ICHECK                              | INQ     | NINV                                | IDIR     | STRT     | METRIC   | HVINS    | Q       | WSEL   | FG      |
|----|-------------------------------------|---------|-------------------------------------|----------|----------|----------|----------|---------|--------|---------|
|    | -0.                                 | 4.      | -0.                                 | -0.      | -0.      | -0.      | -0.      | -0.     | 3.190  | -0.     |
| J2 | NPROF                               | IPLT    | PRFVS                               | XSECV    | XSECH    | FN       | ALLDC    | IBW     | CHNIM  | ITRACE  |
|    | 1.000                               | -0.     | -1.000                              | -0.      | -0.      | -0.      | -1.000   | -0.     | -0.    | -0.     |
| J3 | VARIABLE CODES FOR SUMMARY PRINTOUT |         |                                     |          |          |          |          |         |        |         |
|    | 200.000                             | 110.000 | -0.                                 | -0.      | -0.      | -0.      | -0.      | -0.     | -0.    | -0.     |
| J5 | LPRNT                               | NUMSEC  | *****REQUESTED SECTION NUMBERS***** |          |          |          |          |         |        |         |
|    | -10.000                             | -0.     | -0.                                 | -0.      | -0.      | -0.      | -0.      | -0.     | -0.    | -0.     |
| J6 | IHLEQ                               | ICOPY   |                                     |          |          |          |          |         |        |         |
|    | 1.000                               | -0.     | -0.                                 | -0.      | -0.      | -0.      | -0.      | -0.     | -0.    | -0.     |
| NC | .180                                | .180    | .070                                | .100     | .300     | -0.      | -0.      | -0.     | -0.    | -0.     |
| QT | 5.000                               | 408.000 | 827.000                             | 1080.000 | 1900.000 | 1080.000 | -0.      | -0.     | -0.    | -0.     |
| ET | -0.                                 | -0.     | -0.                                 | -0.      | -0.      | 10.400   | -0.      | -0.     | -0.    | -0.     |
| X1 | 1.100                               | 29.000  | 312.500                             | 500.000  | -0.      | -0.      | -0.      | -0.     | -0.    | -0.     |
| GR | 12.700                              | 0.      | 10.400                              | 100.000  | 8.400    | 200.000  | 7.700    | 300.000 | 8.000  | 312.500 |
| GR | 2.000                               | 312.500 | 1.200                               | 320.500  | .930     | 330.000  | .030     | 340.000 | -.500  | 350.200 |
| GR | -1.500                              | 360.300 | -2.500                              | 370.700  | -2.800   | 381.600  | -3.000   | 391.700 | -3.200 | 400.900 |
| GR | -3.000                              | 412.000 | -2.400                              | 423.500  | -2.200   | 434.300  | -2.000   | 445.600 | -1.800 | 455.600 |
| GR | -1.800                              | 466.200 | -.570                               | 476.700  | .230     | 488.000  | 2.030    | 500.000 | 7.600  | 500.000 |
| GR | 7.900                               | 600.000 | 7.300                               | 700.000  | 6.700    | 800.000  | 6.900    | 900.000 | -0.    | -0.     |
| NC | -0.                                 | -0.     | .070                                | .300     | .500     | -0.      | -0.      | -0.     | -0.    | -0.     |
| X1 | 1.200                               | 0.      | 0.                                  | 0.       | 300.000  | 150.000  | 200.000  | -0.     | -0.    | -0.     |
| X3 | 10.000                              | -0.     | -0.                                 | -0.      | -0.      | -0.      | -0.      | 7.400   | 7.400  | -0.     |
| SB | 1.000                               | 1.560   | 2.800                               | -0.      | 130.000  | 19.000   | 1353.500 | 2.970   | -2.950 | -2.950  |

|    |         |         |         |         |          |          |          |          |         |          |
|----|---------|---------|---------|---------|----------|----------|----------|----------|---------|----------|
| X1 | 1.300   | 0.      | 0.      | 0.      | 25.500   | 25.500   | 25.500   | -0.      | -0.     | -0.      |
| X2 | -0.     | -0.     | 1.000   | 6.700   | 7.360    | -0.      | -0.      | -0.      | -0.     | -0.      |
| X3 | 10.000  | -0.     | -0.     | -0.     | -0.      | -0.      | -0.      | 7.700    | 7.600   | -0.      |
| BT | 11.000  | -0.     | 12.700  | -0.     | 200.000  | 8.400    | -0.      | 300.000  | 7.700   | -0.      |
| BT | 312.500 | 8.000   | -0.     | 312.500 | 11.000   | -0.      | 500.000  | 11.000   | -0.     | 500.000  |
| BT | 8.000   | -0.     | 600.000 | 7.900   | -0.      | 700.000  | 7.300    | -0.      | 800.000 | 6.700    |
| BT | -0.     | 900.000 | 6.900   | -0.     | -0.      | -0.      | -0.      | -0.      | -0.     | -0.      |
| X1 | 1.400   | 0.      | 0.      | 0.      | 50.000   | 50.000   | 50.000   | -0.      | -0.     | -0.      |
| NC | -0.     | -0.     | .070    | .100    | .300     | -0.      | -0.      | -0.      | -0.     | -0.      |
| X1 | 2.000   | 25.000  | 415.000 | 700.000 | 300.000  | 200.000  | 250.000  | -0.      | -0.     | -0.      |
| GR | 14.800  | 0.      | 12.800  | 100.000 | 11.300   | 140.000  | 5.100    | 200.000  | 4.000   | 290.000  |
| GR | 1.400   | 300.000 | 1.300   | 400.000 | 1.800    | 415.000  | .560     | 417.000  | -0.500  | 420.000  |
| GR | -3.000  | 440.000 | -3.900  | 460.000 | -3.900   | 480.000  | -3.500   | 500.000  | -2.700  | 520.000  |
| GR | -2.500  | 540.000 | -1.900  | 560.000 | -1.700   | 580.000  | -1.100   | 600.000  | .560    | 616.000  |
| GR | 1.400   | 700.000 | 1.300   | 800.000 | 5.600    | 900.000  | 7.400    | 1000.000 | 7.100   | 1100.000 |
| X1 | 3.000   | 18.000  | 434.000 | 550.000 | 2000.000 | 2400.000 | 2600.000 | -0.      | -0.     | -0.      |
| GR | 16.200  | 0.      | 15.700  | 50.000  | 9.500    | 150.000  | 1.500    | 250.000  | 1.700   | 350.000  |
| GR | 1.300   | 434.000 | .570    | 443.000 | -.590    | 451.000  | -1.600   | 471.000  | -3.100  | 491.000  |
| GR | -2.800  | 511.000 | .600    | 531.000 | 1.800    | 550.000  | 4.800    | 570.000  | 10.600  | 650.000  |
| GR | 12.700  | 750.000 | 18.200  | 850.000 | 20.200   | 950.000  | -0.      | -0.      | -0.     | -0.      |
| QT | 5.000   | 240.000 | 500.000 | 660.000 | 1190.000 | 660.000  | -0.      | -0.      | -0.     | -0.      |
| X1 | 4.000   | 15.000  | 433.000 | 450.000 | 3600.000 | 3800.000 | 4000.000 | -0.      | -0.     | -0.      |
| GR | 24.500  | 0.      | 24.300  | 50.000  | 22.000   | 150.000  | 16.500   | 250.000  | 3.700   | 395.000  |
| GR | 3.900   | 433.000 | 1.000   | 434.000 | -1.200   | 442.000  | 1.000    | 447.000  | 4.300   | 450.000  |
| GR | 4.400   | 476.000 | 17.800  | 550.000 | 23.700   | 650.000  | 22.500   | 750.000  | 23.800  | 850.000  |
| X1 | 5.100   | 0.      | 0.      | 0.      | 250.000  | 250.000  | 250.000  | -0.      | -0.     | -0.      |
| NC | -0.     | -0.     | .013    | .300    | .500     | -0.      | -0.      | -0.      | -0.     | -0.      |
| X1 | 5.200   | 9.000   | 487.000 | 500.000 | 50.000   | 50.000   | 50.000   | -0.      | -0.     | -0.      |
| X3 | 10.000  | -0.     | -0.     | -0.     | -0.      | -0.      | -0.      | 9.200    | 9.200   | -0.      |
| GR | 21.500  | -0.     | 20.600  | 100.000 | 15.500   | 400.000  | 3.000    | 484.000  | -1.300  | 487.000  |
| GR | -1.300  | 500.000 | 3.000   | 504.000 | 15.600   | 600.000  | 19.400   | 900.000  | -0.     | -0.      |
| SB | 1.000   | 1.700   | 2.800   | -0.     | 13.000   | 1.000    | 60.000   | -0.      | -1.300  | -1.300   |
| X1 | 5.300   | 0.      | 0.      | 0.      | 148.500  | 148.500  | 148.500  | -0.      | -0.     | -0.      |
| X2 | -0.     | -0.     | 1.000   | 3.700   | 14.800   | -0.      | -0.      | -0.      | -0.     | -0.      |
| X3 | 10.000  | -0.     | -0.     | -0.     | -0.      | -0.      | -0.      | 14.800   | 14.800  | -0.      |
| BT | 6.000   | -0.     | 21.500  | -0.     | 400.000  | 15.500   | -0.      | 487.000  | 14.800  | -0.      |
| BT | 500.000 | 14.800  | -0.     | 600.000 | 15.600   | -0.      | 900.000  | 19.400   | -0.     | -0.      |

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|    |        |         |         |         |          |         |         |         |        |         |
|----|--------|---------|---------|---------|----------|---------|---------|---------|--------|---------|
| X1 | 5.400  | 15.000  | 433.000 | 450.000 | 100.000  | 100.000 | 100.000 | -0.     | -0.    | -0.     |
| GR | 24.500 | 0.      | 24.300  | 50.000  | 22.000   | 150.000 | 16.500  | 250.000 | 3.700  | 395.000 |
| GR | 3.900  | 433.000 | 1.000   | 434.000 | -1.200   | 442.000 | 1.000   | 447.000 | 4.300  | 450.000 |
| GR | 4.400  | 476.000 | 17.800  | 550.000 | 23.700   | 650.000 | 22.500  | 750.000 | 23.800 | 850.000 |
| NC | -0.    | -0.     | .070    | .100    | .300     | -0.     | -0.     | -0.     | -0.    | -0.     |
| QT | 5.000  | 272.000 | 564.000 | 743.000 | 1330.000 | 743.000 | -0.     | -0.     | -0.    | -0.     |
| ET | -0.    | -0.     | -0.     | -0.     | -0.      | 4.400   | -0.     | -0.     | -0.    | -0.     |

|    |        |         |         |         |          |          |          |         |        |         |
|----|--------|---------|---------|---------|----------|----------|----------|---------|--------|---------|
| X1 | 8.000  | 17.000  | 430.000 | 450.000 | 2700.000 | 2600.000 | 2500.000 | -0.     | -0.    | -0.     |
| GR | 26.300 | -0.     | 26.800  | 50.000  | 24.400   | 150.000  | 25.000   | 250.000 | 17.500 | 350.000 |
| GR | 14.700 | 404.000 | 14.300  | 430.000 | 7.200    | 436.000  | 6.800    | 439.000 | 7.200  | 447.000 |
| GR | 13.400 | 450.000 | 15.100  | 465.000 | 21.100   | 550.000  | 25.300   | 650.000 | 19.400 | 675.000 |
| GR | 20.300 | 750.000 | 21.500  | 850.000 | -0.      | -0.      | -0.      | -0.     | -0.    | -0.     |
| QT | 5.000  | 150.000 | 320.000 | 420.000 | 775.000  | 420.000  | -0.      | -0.     | -0.    | -0.     |
| ET | -0.    | -0.     | -0.     | -0.     | -0.      | 9.400    | -0.      | -0.     | -0.    | -0.     |

|    |        |         |         |         |          |         |         |         |        |         |
|----|--------|---------|---------|---------|----------|---------|---------|---------|--------|---------|
| X1 | 9.100  | 30.000  | 436.500 | 452.000 | 1500.000 | 700.000 | 900.000 | -0.     | -0.    | -0.     |
| GR | 26.700 | -0.     | 26.400  | 50.000  | 26.000   | 150.000 | 25.500  | 250.000 | 25.200 | 350.000 |
| GR | 19.300 | 436.500 | 18.300  | 436.800 | 17.300   | 437.800 | 16.800  | 439.000 | 17.300 | 440.200 |
| GR | 18.300 | 441.200 | 18.300  | 441.500 | 19.200   | 442.300 | 18.200  | 442.600 | 17.200 | 443.600 |
| GR | 16.700 | 445.000 | 17.200  | 446.400 | 18.200   | 447.400 | 19.200  | 447.700 | 19.100 | 447.900 |
| GR | 18.100 | 448.200 | 17.100  | 449.200 | 16.600   | 450.000 | 17.000  | 450.800 | 18.100 | 451.800 |
| GR | 19.100 | 452.000 | 24.400  | 550.000 | 24.000   | 650.000 | 23.800  | 750.000 | 23.900 | 850.000 |
| NC | -0.    | -0.     | .070    | .300    | .500     | -0.     | -0.     | -0.     | -0.    | -0.     |

|    |        |         |         |         |         |         |         |         |        |         |
|----|--------|---------|---------|---------|---------|---------|---------|---------|--------|---------|
| X1 | 9.200  | 32.000  | 436.500 | 452.500 | 140.000 | 100.000 | 100.000 | -0.     | -0.    | -0.     |
| X3 | 10.000 | -0.     | -0.     | -0.     | -0.     | -0.     | -0.     | 23.300  | 23.100 | -0.     |
| GR | 26.700 | -0.     | 26.400  | 50.000  | 26.000  | 150.000 | 25.500  | 250.000 | 25.200 | 350.000 |
| GR | 24.800 | 436.500 | 18.300  | 436.500 | 18.300  | 436.800 | 17.300  | 437.700 | 16.800 | 439.000 |
| GR | 17.300 | 440.300 | 18.300  | 441.200 | 19.300  | 441.500 | 19.200  | 442.300 | 18.200 | 442.600 |
| GR | 17.200 | 443.500 | 16.700  | 444.800 | 17.200  | 446.100 | 18.200  | 447.000 | 19.200 | 447.300 |
| GR | 19.100 | 447.500 | 18.100  | 447.800 | 17.100  | 448.700 | 16.600  | 450.000 | 17.100 | 451.300 |
| GR | 18.100 | 452.200 | 19.100  | 452.500 | 24.700  | 452.500 | 24.400  | 550.000 | 24.000 | 650.000 |
| GR | 23.800 | 750.000 | 23.900  | 850.000 | -0.     | -0.     | -0.     | -0.     | -0.    | -0.     |
| SB | 1.250  | 1.600   | 2.950   | -0.     | 16.000  | 1.000   | 58.900  | -0.     | 16.700 | 17.900  |
| NC | -0.    | -0.     | .070    | .100    | .300    | -0.     | -0.     | -0.     | -0.    | -0.     |

|    |         |         |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 9.300   | -0.     | -0.     | -0.     | 52.000  | 52.000  | 52.000  | -0.     | -0.     | -0.     |
| X2 | -0.     | -0.     | 1.000   | 21.800  | 23.800  | -0.     | -0.     | -0.     | -0.     | -0.     |
| X3 | 10.000  | -0.     | -0.     | -0.     | -0.     | -0.     | -0.     | 24.700  | 23.800  | -0.     |
| BT | 30.000  | -0.     | 26.700  | 26.700  | 50.000  | 26.400  | 26.400  | 150.000 | 26.000  | 26.000  |
| BT | 250.000 | 25.500  | 25.500  | 350.000 | 25.200  | 25.200  | 436.500 | 24.800  | 19.300  | 436.800 |
| BT | 24.800  | 20.300  | 437.700 | 24.800  | 21.300  | 439.000 | 24.800  | 21.800  | 440.300 | 24.800  |
| BT | 21.300  | 441.200 | 24.800  | 20.300  | 441.500 | 24.800  | 19.300  | 442.300 | 24.800  | 19.200  |
| BT | 442.600 | 24.800  | 20.200  | 443.500 | 24.800  | 21.200  | 444.800 | 24.800  | 21.700  | 446.100 |
| BT | 24.800  | 21.200  | 447.000 | 24.800  | 20.200  | 447.300 | 24.800  | 19.200  | 447.500 | 24.700  |
| BT | 19.100  | 447.800 | 24.700  | 20.100  | 448.700 | 24.700  | 21.100  | 450.000 | 24.700  | 21.600  |
| BT | 451.300 | 24.700  | 21.100  | 452.200 | 24.700  | 20.100  | 452.500 | 24.700  | 19.100  | 550.000 |



THIS RUN EXECUTED 10 FEB 82 11.23.55

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980  
 ERROR CORR - 01,02,03,04  
 MODIFICATION - 50,51,52,53,54  
 \*\*\*\*\*

T1 SCALES CREEK  
 T2 ONSLOW COUNTY  
 T3 FLOODWAY

| J1 | ICHECK | INQ   | NINV   | IDIR  | STRT  | METRIC | HVINS  | Q   | WSEL  | FG     |
|----|--------|-------|--------|-------|-------|--------|--------|-----|-------|--------|
|    | -0.    | 6.    | -0.    | -0.   | -0.   | -0.    | -0.    | -0. | 4.190 | -0.    |
| J2 | NPROF  | IPLOT | PRFVS  | XSECV | XSECH | FN     | ALLDC  | IBW | CHNIM | ITRACE |
|    | 15.000 | -0.   | -1.000 | -0.   | -0.   | -0.    | -1.000 | -0. | -0.   | -0.    |

I-LEG = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.



THIS RUN EXECUTED 10 FEB 82 11.23.55

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980  
 ERROR CORR - 01,02,03,04  
 MODIFICATION - 50,51,52,53,54  
 \*\*\*\*\*

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

FLOOD

SUMMARY PRINTOUT TABLE 110

| SECNO | CWSEL | DIFKWS | EG    | TOPWID | QLOB   | QCH     | QROB   | PERENC | STENCL | STCHL  | STCHR  | STENCR |
|-------|-------|--------|-------|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| 1.100 | 3.19  | 0.     | 3.22  | 187.50 | 0.     | 1080.00 | 0.     | 0.     | 0.     | 312.50 | 500.00 | 0.     |
| 1.100 | 4.19  | 1.00   | 4.21  | 187.50 | 0.     | 1080.00 | 0.     | 0.     | 312.50 | 312.50 | 500.00 | 500.00 |
| 1.200 | 3.29  | 0.     | 3.31  | 187.50 | 0.     | 1080.00 | 0.     | 0.     | 0.     | 312.50 | 500.00 | 0.     |
| 1.200 | 4.24  | .95    | 4.26  | 187.50 | 0.     | 1080.00 | 0.     | 0.     | 312.50 | 312.50 | 500.00 | 500.00 |
| 1.300 | 3.29  | 0.     | 3.31  | 187.50 | 0.     | 1080.00 | 0.     | 0.     | 0.     | 312.50 | 500.00 | 0.     |
| 1.300 | 4.29  | 1.00   | 4.31  | 187.50 | 0.     | 1080.00 | 0.     | 0.     | 0.     | 312.50 | 500.00 | 0.     |
| 1.400 | 3.31  | 0.     | 3.34  | 187.50 | 0.     | 1080.00 | 0.     | 0.     | 0.     | 312.50 | 500.00 | 0.     |
| 1.400 | 4.30  | .99    | 4.32  | 187.50 | 0.     | 1080.00 | 0.     | 0.     | 312.50 | 312.50 | 500.00 | 500.00 |
| 2.000 | 3.39  | 0.     | 3.40  | 556.21 | 38.04  | 1003.58 | 38.38  | 0.     | 0.     | 415.00 | 700.00 | 0.     |
| 2.000 | 4.35  | .96    | 4.35  | 285.00 | 0.     | 1080.00 | 0.     | .10    | 415.00 | 415.00 | 700.00 | 700.00 |
| 3.000 | 4.22  | 0.     | 4.25  | 350.18 | 188.60 | 887.24  | 4.16   | 0.     | 0.     | 434.00 | 550.00 | 0.     |
| 3.000 | 5.10  | .88    | 5.14  | 116.00 | 0.     | 1080.00 | 0.     | .22    | 434.00 | 434.00 | 550.00 | 550.00 |
| 4.000 | 8.16  | 0.     | 8.23  | 152.38 | 204.65 | 358.34  | 97.01  | 0.     | 0.     | 433.00 | 450.00 | 0.     |
| 4.000 | 9.06  | .90    | 9.16  | 64.80  | 197.00 | 433.49  | 29.51  | .26    | 394.21 | 433.00 | 450.00 | 459.01 |
| 5.100 | 8.52  | 0.     | 8.57  | 158.28 | 212.72 | 345.06  | 102.22 | 0.     | 0.     | 433.00 | 450.00 | 0.     |
| 5.100 | 9.42  | .91    | 9.50  | 69.59  | 203.76 | 416.39  | 39.86  | .25    | 391.99 | 433.00 | 450.00 | 461.58 |
| 5.200 | 8.34  | 0.     | 8.77  | 13.00  | 0.     | 660.00  | 0.     | 0.     | 0.     | 487.00 | 500.00 | 0.     |
| 5.200 | 9.31  | .97    | 9.66  | 13.00  | 0.     | 660.00  | 0.     | .08    | 487.00 | 487.00 | 500.00 | 500.00 |
| 5.300 | 11.28 | 0.     | 11.53 | 13.00  | 0.     | 660.00  | 0.     | 0.     | 0.     | 487.00 | 500.00 | 0.     |
| 5.300 | 12.25 | .97    | 12.47 | 13.00  | 0.     | 660.00  | 0.     | 0.     | 487.00 | 487.00 | 500.00 | 500.00 |
| 5.400 | 11.49 | 0.     | 11.58 | 208.38 | 94.05  | 518.26  | 47.69  | 0.     | 0.     | 433.00 | 450.00 | 0.     |
| 5.400 | 12.38 | .89    | 12.50 | 56.86  | 65.70  | 594.17  | .13    | .16    | 393.67 | 433.00 | 450.00 | 450.53 |

| SECNO  | CWSEL | DIFKWS | EG    | TOPWID | QLOB   | QCH    | QROB   | PERENC | STENCL | STCHL  | STCHR  | STENCR |
|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 8.000  | 16.39 | 0.     | 16.64 | 111.66 | 51.27  | 659.89 | 31.83  | 0.     | 0.     | 430.00 | 450.00 | 0.     |
| 8.000  | 17.21 | .82    | 17.47 | 32.47  | 31.57  | 711.43 | 0.     | .12    | 417.53 | 430.00 | 450.00 | 450.00 |
| 9.100  | 22.12 | 0.     | 22.29 | 112.79 | 54.68  | 282.50 | 82.82  | 0.     | 0.     | 436.50 | 452.00 | 0.     |
| 9.100  | 23.16 | 1.04   | 23.44 | 21.88  | 0.     | 384.07 | 35.93  | .37    | 436.50 | 436.50 | 452.00 | 458.38 |
| 9.200  | 23.07 | 0.     | 23.42 | 16.00  | 0.     | 420.00 | 0.     | 0.     | 0.     | 436.50 | 452.50 | 0.     |
| 9.200  | 24.06 | .99    | 24.31 | 16.00  | 0.     | 420.00 | 0.     | .01    | 436.50 | 436.50 | 452.50 | 452.50 |
| 9.300  | 23.79 | 0.     | 24.07 | 16.00  | 0.     | 420.00 | 0.     | 0.     | 0.     | 436.50 | 452.50 | 0.     |
| 9.300  | 24.78 | .99    | 24.98 | 16.00  | 0.     | 420.00 | 0.     | .21    | 436.50 | 436.50 | 452.50 | 452.50 |
| 9.400  | 24.11 | 0.     | 24.12 | 668.43 | 173.79 | 69.53  | 176.68 | 0.     | 0.     | 400.00 | 412.00 | 0.     |
| 9.400  | 25.02 | .91    | 25.03 | 260.27 | 159.10 | 88.38  | 172.52 | .38    | 279.65 | 400.00 | 412.00 | 539.92 |
| 10.200 | 24.15 | 0.     | 24.22 | 448.21 | 69.98  | 256.06 | 93.96  | 0.     | 0.     | 436.00 | 450.00 | 0.     |
| 10.200 | 25.05 | .89    | 25.15 | 55.49  | 17.28  | 314.69 | 88.03  | .42    | 431.16 | 436.00 | 450.00 | 486.65 |
| 10.300 | 24.19 | 0.     | 24.26 | 470.93 | 71.10  | 252.99 | 95.91  | 0.     | 0.     | 436.00 | 450.00 | 0.     |
| 10.300 | 25.09 | .89    | 25.18 | 57.73  | 18.62  | 310.62 | 90.76  | .42    | 430.73 | 436.00 | 450.00 | 488.46 |
| 10.400 | 24.30 | 0.     | 24.34 | 497.26 | 144.43 | 145.74 | 129.83 | 0.     | 0.     | 400.00 | 412.00 | 0.     |
| 10.400 | 25.19 | .89    | 25.27 | 104.71 | 114.22 | 199.71 | 106.06 | .51    | 352.57 | 400.00 | 412.00 | 457.28 |
| 11.000 | 25.14 | 0.     | 25.15 | 611.32 | 162.61 | 99.39  | 158.00 | 0.     | 0.     | 400.00 | 412.00 | 0.     |
| 11.000 | 26.06 | .92    | 26.08 | 192.97 | 142.87 | 128.64 | 148.49 | .43    | 310.97 | 400.00 | 412.00 | 503.95 |

FLOODWAY DATA, FLOOD  
PROFILE NO. 2

| STATION | -----<br>WIDTH | FLOODWAY<br>SECTION<br>AREA | -----<br>MEAN<br>VELOCITY | WATER SURFACE ELEVATION<br>WITH<br>FLOODWAY | WITHOUT<br>FLOODWAY | DIFFERENCE |
|---------|----------------|-----------------------------|---------------------------|---|---------------------|------------|
| 1.100   | 188.           | 1031.                       | 1.0                       | 4.2   | 3.2                 | 1.0        |
| 1.200   | 188.           | 1041.                       | 1.0                       | 4.3   | 3.3                 | 1.0        |
| 1.300   | 188.           | 1050.                       | 1.0                       | 4.3   | 3.3                 | 1.0        |
| 1.400   | 188.           | 1052.                       | 1.0                       | 4.3   | 3.3                 | 1.0        |
| 2.000   | 285.           | 1635.                       | .7                        | 4.4   | 3.4                 | 1.0        |
| 3.000   | 116.           | 710.                        | 1.5                       | 5.1   | 4.2                 | .9         |
| 4.000   | 65.            | 392.                        | 1.7                       | 9.1   | 8.2                 | .9         |
| 5.100   | 70.            | 441.                        | 1.5                       | 9.4   | 8.5                 | .9         |
| 5.200   | 13.            | 138.                        | 4.8                       | 9.3   | 8.3                 | 1.0        |
| 5.300   | 13.            | 176.                        | 3.7                       | 12.3  | 11.3                | 1.0        |
| 5.400   | 57.            | 543.                        | 1.2                       | 12.4  | 11.5                | .9         |
| 8.000   | 32.            | 207.                        | 3.6                       | 17.2  | 16.4                | .8         |
| 9.100   | 22.            | 111.                        | 3.8                       | 23.1  | 22.1                | 1.0        |
| 9.200   | 16.            | 104.                        | 4.0                       | 24.1  | 23.1                | 1.0        |
| 9.300   | 16.            | 116.                        | 3.6                       | 24.8  | 23.8                | 1.0        |
| 9.400   | 260.           | 1098.                       | .4                        | 25.0  | 24.1                | .9         |
| 10.200  | 55.            | 274.                        | 1.5                       | 25.1  | 24.2                | .9         |
| 10.300  | 58.            | 283.                        | 1.5                       | 25.1  | 24.2                | .9         |
| 10.400  | 105.           | 347.                        | 1.2                       | 25.2  | 24.3                | .9         |
| 11.000  | 193.           | 729.                        | .6                        | 26.0  | 25.1                | .9         |