

YADKIN

RIIVER

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: YADKINP1.HEC ENG: SKE EA: KMC, EKL COMM 2320
 T3 YADKIN RIVER DATE: 2/26/86 10-YEAR EVENT

| | | | | | | | | | | |
|----|--------|-----|------|---------|------|--------|-------|---------|------|------|
| J1 | ICHECK | ING | MINV | IDIR | STRT | PETRIC | HVINS | Q | WSEL | FQ |
| 0. | 2. | 0. | 0. | .003350 | .00 | .0 | 0. | 155.000 | .000 | .000 |

| | | | | | | | | | | |
|-------|-------|--------|-------|-------|-------|------|-------|------|-------|--------|
| J2 | NPROF | JFLOT | PRFVS | XSECV | XSECH | FN | ALLCC | IBW | CHNIN | ITRACE |
| 1.000 | .000 | -1.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

| | | | | | | | | | | |
|---------|---------|------|------|------|------|------|------|------|------|------|
| 150.000 | 201.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
|---------|---------|------|------|------|------|------|------|------|------|------|

J6 IHLEQ ICOPY

| | | | | | | | | | | |
|-------|------|------|------|------|------|------|------|------|------|------|
| 1.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
|-------|------|------|------|------|------|------|------|------|------|------|

| | | | | | | | | | | |
|----|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|------|
| QT | 7.000 | 8291.000 | 18584.000 | 25026.000 | 50357.000 | 28234.000 | 38093.000 | 25026.000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.410 | .000 | .000 |
| NC | -100 | -100 | -050 | -100 | -300 | -000 | -000 | -000 | -000 | -000 |
| NH | 5.000 | .230 | 6140.000 | .150 | 7040.000 | .100 | 7275.000 | .054 | 7345.000 | .090 |
| NH | 8420.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |

ADD 1000 FEET TO EACH ELEVATION TO OBTAIN TRUE ELEVATION
 QT VALUES REPRESENT THE FOLLOWING EVENTS
 10-YR. 50-YR. 100-YR. 500-YR. 100-FLOODWAY
 2. 3. 4. 5. 6. 7. 8.
 1973 1940

CROSS SECTION Y1

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 47010.000 | 54.000 | 7275.000 | 7345.000 | 1700.000 | 1675.000 | 1725.000 | .000 | .000 | .000 |
| GR | 171.000 | 5000.000 | 171.000 | 5060.000 | 165.000 | 5210.000 | 164.000 | 5330.000 | 160.000 | 5385.000 |
| GR | 156.000 | 5405.000 | 156.000 | 5455.000 | 157.000 | 5575.000 | 156.000 | 5730.000 | 155.000 | 5850.000 |
| GR | 156.000 | 6140.000 | 160.000 | 6240.000 | 164.000 | 6290.000 | 168.000 | 6315.000 | 170.000 | 6365.000 |
| GR | 168.000 | 6405.000 | 164.000 | 6440.000 | 160.000 | 6460.000 | 156.000 | 6480.000 | 152.000 | 6700.000 |
| GR | 149.000 | 6860.000 | 152.000 | 7020.000 | 152.000 | 7040.000 | 148.000 | 7055.000 | 144.000 | 7070.000 |
| GR | 144.000 | 7105.000 | 148.000 | 7140.000 | 150.000 | 7200.000 | 149.960 | 7275.000 | 149.500 | 7280.000 |
| GR | 141.600 | 7288.000 | 140.800 | 7290.000 | 138.000 | 7300.000 | 138.700 | 7310.000 | 140.200 | 7320.000 |
| GR | 141.600 | 7333.000 | 142.000 | 7335.000 | 150.300 | 7345.000 | 152.000 | 7430.000 | 156.000 | 7460.000 |

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|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| GR | 160.000 | 7470.000 | 164.000 | 7485.000 | 168.000 | 7530.000 | 175.000 | 7610.000 | 182.000 | 7710.000 |
| GR | 193.000 | 7805.000 | 199.000 | 7885.000 | 202.000 | 7990.000 | 202.000 | 8080.000 | 202.000 | 8125.000 |
| GR | 202.000 | 8195.000 | 206.000 | 8285.000 | 209.000 | 8355.000 | 213.000 | 8420.000 | .000 | .000 |
| NH | 6.000 | 1.000 | 6670.000 | .280 | 7835.000 | .090 | 8300.000 | .054 | 8375.000 | .080 |
| NH | 9030.000 | .130 | 9410.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 7550.000 | 8725.000 |

CROSS SECTION: YB

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 47935.000 | 57.000 | 8300.000 | 8375.000 | 800.000 | 1300.000 | 925.000 | .000 | 175.000 | 5230.000 |
| GR | 193.000 | 5000.000 | 189.000 | 5045.000 | 182.000 | 5090.000 | 179.000 | 5160.000 | 175.000 | 5230.000 |
| GR | 175.000 | 5520.000 | 164.000 | 5620.000 | 160.000 | 5700.000 | 160.000 | 5725.000 | 161.000 | 5795.000 |
| GR | 160.000 | 6020.000 | 157.000 | 6130.000 | 156.000 | 6440.000 | 156.000 | 6670.000 | 157.000 | 6890.000 |
| GR | 156.000 | 7130.000 | 154.000 | 7290.000 | 156.000 | 7440.000 | 160.000 | 7450.000 | 160.000 | 7480.000 |
| GR | 156.000 | 7500.000 | 152.000 | 7610.000 | 151.100 | 7700.000 | 148.000 | 7800.000 | 148.000 | 7855.000 |
| GR | 151.000 | 7910.000 | 152.000 | 8015.000 | 156.000 | 8185.000 | 156.000 | 8210.000 | 156.000 | 8280.000 |
| GR | 160.000 | 8290.000 | 157.600 | 8300.000 | 157.200 | 8306.000 | 151.800 | 8317.000 | 143.600 | 8325.000 |
| GR | 142.000 | 8330.000 | 141.000 | 8340.000 | 141.200 | 8350.000 | 141.200 | 8350.000 | 141.600 | 8365.000 |
| GR | 145.600 | 8368.000 | 146.500 | 8370.000 | 151.000 | 8375.000 | 151.000 | 8400.000 | 152.000 | 8410.000 |
| GR | 154.000 | 8545.000 | 154.000 | 8955.000 | 156.000 | 9030.000 | 160.000 | 9055.000 | 164.000 | 9070.000 |
| GR | 168.000 | 9080.000 | 172.000 | 9090.000 | 176.000 | 9115.000 | 180.000 | 9125.000 | 200.000 | 9185.000 |
| GR | 224.000 | 9270.000 | 261.000 | 9410.000 | .000 | .000 | .000 | .000 | .000 | .000 |
| NC | .100 | .100 | .050 | .100 | .300 | .000 | .000 | .000 | .000 | .000 |
| NH | 6.000 | 1.000 | 3690.000 | .500 | 4230.000 | .090 | 5000.000 | .054 | 5106.000 | .080 |
| NH | 5561.400 | .130 | 5675.400 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.410 | .000 | .000 |

FIRST CROSS SECTION FOR BRIDGE # 1, NC 268

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|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 48377.000 | 55.000 | 5000.000 | 5106.000 | 655.000 | 330.000 | 441.520 | .000 | -2.160 | .000 |
| GR | 180.000 | 2230.000 | 176.000 | 2250.000 | 174.000 | 2270.000 | 168.000 | 2290.000 | 164.000 | 2310.000 |
| GR | 161.000 | 2330.000 | 157.000 | 2390.000 | 157.000 | 2760.000 | 157.000 | 3300.000 | 154.000 | 3690.000 |
| GR | 152.000 | 4030.000 | 152.000 | 4230.000 | 152.000 | 4750.000 | 149.500 | 5000.000 | 149.440 | 5002.010 |
| GR | 147.370 | 5022.000 | 147.030 | 5038.000 | 144.860 | 5044.650 | 144.860 | 5044.660 | 144.860 | 5045.500 |
| GR | 144.860 | 5045.510 | 144.860 | 5045.600 | 144.860 | 5045.610 | 144.860 | 5046.400 | 144.860 | 5045.500 |
| GR | 144.860 | 5046.510 | 144.860 | 5046.520 | 144.860 | 5047.350 | 144.860 | 5047.360 | 145.240 | 5055.000 |
| GR | 146.670 | 5070.000 | 146.980 | 5078.000 | 145.970 | 5089.650 | 145.970 | 5089.660 | 145.970 | 5090.500 |
| GR | 145.970 | 5090.510 | 145.970 | 5090.600 | 145.970 | 5091.400 | 145.970 | 5091.410 | 145.970 | 5091.510 |
| GR | 145.970 | 5091.520 | 145.970 | 5092.350 | 145.970 | 5092.360 | 147.370 | 5102.000 | 149.160 | 5106.000 |
| GR | 148.210 | 5117.000 | 148.760 | 5119.000 | 148.700 | 5135.500 | 148.720 | 5136.410 | 160.000 | 5561.400 |
| GR | 164.000 | 5601.400 | 168.000 | 5621.400 | 172.000 | 5645.400 | 176.000 | 5665.400 | 180.000 | 5675.400 |
| NC | .000 | .000 | .000 | .300 | .500 | .000 | .000 | .000 | .000 | .000 |
| NH | 6.000 | .230 | 4042.500 | .130 | 4475.000 | .090 | 5000.000 | .054 | 5106.000 | .080 |
| NH | 5561.400 | .130 | 5675.400 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 4579.000 | 5279.000 |

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|----|----------|------|----------|------|----------|------|----------|-------|----------|----------|
| NH | 6.000 | .230 | 4042.500 | .130 | 4475.000 | .090 | 5000.000 | .055 | 5106.000 | .080 |
| NH | 5561.400 | .130 | 5675.400 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 4703.000 | 5403.000 |

LAST CROSS SECTION FOR BRIDGE # 1, NC 268

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|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 49084.000 | 50.000 | 5000.000 | 5106.000 | 135.400 | 135.400 | 135.400 | .000 | .700 | .000 |
| X3 | 10.000 | .000 | .000 | .000 | .000 | .000 | .000 | 158.000 | 156.340 | .000 |
| GR | 180.000 | 3872.000 | 176.000 | 3884.000 | 172.000 | 3903.000 | 168.000 | 3920.000 | 164.000 | 3935.000 |
| GR | 160.000 | 4042.500 | 156.000 | 4475.000 | 152.000 | 4775.000 | 149.500 | 5000.000 | 149.440 | 5002.010 |
| GR | 147.370 | 5022.000 | 147.030 | 5038.000 | 144.860 | 5044.650 | 144.860 | 5044.660 | 144.860 | 5045.500 |
| GR | 144.860 | 5045.510 | 144.860 | 5045.600 | 144.860 | 5045.610 | 144.860 | 5046.400 | 144.860 | 5046.410 |
| GR | 144.860 | 5046.510 | 144.860 | 5046.520 | 144.860 | 5047.350 | 144.860 | 5047.360 | 145.240 | 5055.000 |
| GR | 146.670 | 5070.000 | 146.980 | 5078.000 | 145.970 | 5089.650 | 145.970 | 5089.660 | 145.970 | 5090.500 |
| GR | 145.970 | 5090.510 | 145.970 | 5090.600 | 145.970 | 5091.400 | 145.970 | 5091.410 | 145.970 | 5091.510 |
| GR | 145.970 | 5091.520 | 145.970 | 5092.350 | 145.970 | 5092.360 | 147.370 | 5102.000 | 149.160 | 5106.000 |
| GR | 148.210 | 5117.000 | 148.760 | 5119.000 | 148.700 | 5135.500 | 148.720 | 5136.410 | 160.000 | 5561.400 |
| GR | 164.000 | 5601.400 | 168.000 | 5621.400 | 172.000 | 5645.400 | 176.000 | 5665.400 | 180.000 | 5675.400 |
| NC | .100 | .100 | .050 | .100 | .300 | .000 | .000 | .000 | .000 | .000 |
| NH | 5.000 | .130 | 5290.000 | .080 | 5910.000 | .054 | 5977.000 | .150 | 6684.000 | 1.250 |
| NH | 6738.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 10.410 | .000 | .000 |

CROSS SECTION B-1

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|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 50145.000 | 21.000 | 5910.000 | 5977.000 | 1088.000 | 938.000 | 1166.000 | .000 | .000 | .000 |
| GR | 180.000 | 5000.000 | 176.000 | 5045.000 | 172.000 | 5105.000 | 168.000 | 5175.000 | 164.000 | 5250.000 |
| GR | 160.000 | 5290.000 | 160.100 | 5910.000 | 151.810 | 5917.000 | 151.490 | 5930.000 | 150.680 | 5940.000 |
| GR | 150.520 | 5950.000 | 150.550 | 5960.000 | 151.810 | 5970.000 | 159.000 | 5977.000 | 157.790 | 6189.000 |
| GR | 160.000 | 6684.000 | 164.000 | 6692.000 | 168.000 | 6707.000 | 172.000 | 6725.000 | 176.000 | 6728.000 |
| GR | 180.000 | 6738.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| NC | .100 | .100 | .050 | .100 | .300 | .000 | .000 | .000 | .000 | .000 |
| NH | 6.000 | .230 | 5890.000 | .130 | 6330.000 | .080 | 7230.000 | .054 | 7296.000 | .150 |
| NH | 8050.000 | 1.250 | 9060.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 6841.000 | 7611.000 |

CROSS SECTION YC

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|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 52015.000 | 48.000 | 7230.000 | 7296.000 | 1725.000 | 1800.000 | 1870.000 | .000 | .000 | .000 |
| GR | 275.000 | 5000.000 | 269.000 | 5070.000 | 261.000 | 5150.000 | 252.000 | 5230.000 | 244.000 | 5335.000 |
| GR | 235.000 | 5445.000 | 223.000 | 5555.000 | 214.000 | 5630.000 | 201.000 | 5705.000 | 196.000 | 5800.000 |
| GR | 184.000 | 5890.000 | 180.000 | 5985.000 | 176.000 | 6035.000 | 175.000 | 6120.000 | 172.000 | 6210.000 |
| GR | 168.000 | 6330.000 | 166.000 | 6510.000 | 166.000 | 6795.000 | 164.000 | 6975.000 | 163.000 | 7100.000 |
| GR | 162.400 | 7205.000 | 162.300 | 7230.000 | 155.800 | 7234.060 | 155.600 | 7235.000 | 155.400 | 7245.000 |
| GR | 155.400 | 7265.000 | 154.600 | 7275.000 | 154.500 | 7285.000 | 155.200 | 7289.000 | 155.800 | 7289.100 |
| GR | 161.500 | 7290.000 | 163.000 | 7296.000 | 162.800 | 7305.000 | 163.000 | 7450.000 | 164.000 | 7700.000 |
| GR | 166.000 | 8050.000 | 168.000 | 8140.000 | 172.000 | 8165.000 | 176.000 | 8190.000 | 180.000 | 8205.000 |
| GR | 186.000 | 8235.000 | 188.000 | 8305.000 | 192.000 | 8470.000 | 195.000 | 8620.000 | 202.000 | 8760.000 |
| GR | 200.000 | 8860.000 | 197.000 | 8955.000 | 197.000 | 9060.000 | .000 | .000 | .000 | .000 |

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|----|----------|-------|----------|------|----------|------|----------|-------|----------|----------|
| NH | 6.000 | .230 | 5915.000 | .130 | 6335.000 | .100 | 7184.000 | .054 | 7250.000 | .190 |
| NH | 8320.000 | 1.250 | 9260.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 6973.000 | 7743.000 |

CROSS SECTION YD

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|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 52995.000 | 50.000 | 7184.000 | 7250.000 | 825.000 | 1050.000 | 980.000 | .000 | 200.000 | 5510.000 |
| GR | 220.000 | 5000.000 | 212.000 | 5090.000 | 202.000 | 5190.000 | 200.000 | 5320.000 | 200.000 | 5110.000 |
| GR | 198.000 | 5605.000 | 195.000 | 5720.000 | 199.000 | 5830.000 | 193.000 | 5915.000 | 188.000 | 6010.000 |
| GR | 184.000 | 6170.000 | 180.000 | 6300.000 | 177.000 | 6420.000 | 176.000 | 6535.000 | 172.000 | 6620.000 |
| GR | 168.000 | 6635.000 | 165.000 | 6770.000 | 164.000 | 7120.000 | 163.900 | 7155.000 | 163.500 | 7172.000 |
| GR | 163.000 | 7184.000 | 158.800 | 7196.000 | 158.400 | 7198.000 | 156.900 | 7199.000 | 156.200 | 7200.000 |
| GR | 155.800 | 7210.000 | 155.400 | 7220.000 | 155.300 | 7230.000 | 155.000 | 7240.000 | 156.900 | 7242.000 |
| GR | 165.700 | 7250.000 | 165.400 | 7255.000 | 165.000 | 7365.000 | 165.000 | 7665.000 | 166.000 | 7990.000 |
| GR | 166.000 | 8320.000 | 168.000 | 8500.000 | 172.000 | 8510.000 | 176.000 | 8530.000 | 180.000 | 8550.000 |
| GR | 124.000 | 8560.000 | 188.000 | 8570.000 | 196.000 | 8600.000 | 196.000 | 8670.000 | 196.000 | 8770.000 |
| GR | 197.000 | 8860.000 | 198.000 | 8965.000 | 194.000 | 9100.000 | 200.000 | 9170.000 | 201.000 | 9260.000 |

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|----|----------|-------|----------|------|----------|------|----------|-------|----------|----------|
| NH | 6.000 | .230 | 5135.000 | .130 | 5800.000 | .100 | 6135.000 | .054 | 6235.000 | .190 |
| NH | 7260.000 | 1.250 | 7315.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 6365.000 | 6835.000 |

CROSS SECTION YD-1

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|----|-----------|----------|----------|----------|----------|----------|---------|----------|---------|----------|
| X1 | 53815.000 | 27.000 | 6135.000 | 6235.000 | 1000.000 | 700.000 | 820.000 | .000 | .000 | 5655.000 |
| GR | 188.000 | 5000.000 | 184.000 | 5040.000 | 180.000 | 5135.000 | 178.000 | 5355.000 | 178.000 | 5655.000 |
| GR | 176.000 | 5200.000 | 172.000 | 5240.000 | 168.000 | 6100.000 | 164.000 | 6135.000 | 162.260 | 6166.000 |
| GR | 161.860 | 6168.000 | 160.360 | 6169.000 | 159.650 | 6170.000 | 159.260 | 6180.000 | 158.860 | 6190.000 |
| GR | 158.760 | 6200.000 | 158.460 | 6210.000 | 160.360 | 6212.000 | 164.000 | 6235.000 | 166.000 | 6390.000 |
| GR | 168.000 | 6680.000 | 169.000 | 6910.000 | 172.000 | 7085.000 | 176.000 | 7260.000 | 130.000 | 7290.000 |
| GR | 184.000 | 7305.000 | 188.000 | 7315.000 | .000 | .000 | .000 | .000 | .000 | .000 |

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|----|----------|------|----------|------|----------|------|----------|-------|----------|----------|
| NH | 5.000 | .230 | 5970.000 | .120 | 7335.000 | .054 | 7400.000 | .230 | 8845.000 | 100.000 |
| NH | 9420.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 7235.000 | 7940.000 |

CROSS SECTION YE

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 55015.000 | 39.000 | 7335.000 | 7400.000 | 1075.000 | 1075.000 | 1200.000 | .000 | .000 | .000 |
| X4 | 1.000 | 178.000 | 3845.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| GR | 256.000 | 5000.000 | 249.000 | 5085.000 | 226.000 | 5175.000 | 208.000 | 5255.000 | 204.000 | 5345.000 |
| GR | 204.000 | 5420.000 | 204.000 | 5535.000 | 201.000 | 5660.000 | 197.000 | 5780.000 | 192.000 | 5970.000 |
| GR | 192.000 | 6065.000 | 188.000 | 6250.000 | 184.000 | 6430.000 | 181.000 | 6540.000 | 180.000 | 6640.000 |
| GR | 176.000 | 6975.000 | 172.000 | 7315.000 | 170.800 | 7335.000 | 164.800 | 7342.000 | 164.100 | 7345.000 |
| GR | 164.300 | 7355.000 | 164.200 | 7365.000 | 163.900 | 7375.000 | 164.800 | 7380.000 | 168.000 | 7400.000 |
| GR | 169.000 | 7470.000 | 169.000 | 7580.000 | 169.000 | 7890.000 | 172.000 | 8040.000 | 173.000 | 8230.000 |
| GR | 176.000 | 8570.000 | 180.000 | 9015.000 | 184.000 | 9055.000 | 188.000 | 9070.000 | 192.000 | 9085.000 |
| GR | 213.000 | 9155.000 | 237.000 | 9235.000 | 252.000 | 9315.000 | 255.000 | 9420.000 | .000 | .000 |

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|-----------------------------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| NH | 4.000 | .230 | 5675.000 | .120 | 7200.000 | .054 | 7325.000 | 100.000 | 8925.000 | .000 | 7425.000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 6850.000 | .000 | |
| CROSS SECTION YE-1 : GRAVEL PITTS | | | | | | | | | | | |
| X1 | 55555.000 | 28.000 | 7200.000 | 7325.000 | 585.000 | 485.000 | 540.000 | .000 | .010 | .000 | |
| GR | 220.200 | 5000.000 | 192.000 | 5675.000 | 188.000 | 5787.000 | 184.000 | 6012.000 | 180.000 | 6300.000 | |
| GR | 176.000 | 6500.000 | 172.940 | 7200.000 | 172.940 | 7200.100 | 179.240 | 7200.200 | 165.040 | 7220.000 | |
| GR | 164.540 | 7230.000 | 164.140 | 7240.000 | 164.440 | 7250.000 | 165.040 | 7254.000 | 165.840 | 7259.000 | |
| GR | 169.540 | 7270.000 | 173.040 | 7278.000 | 172.340 | 7300.000 | 172.000 | 7325.000 | 173.000 | 7875.000 | |
| GR | 176.000 | 8200.000 | 177.000 | 8450.000 | 180.000 | 8725.000 | 184.000 | 8762.000 | 188.000 | 8788.000 | |
| GR | 192.000 | 8800.000 | 213.000 | 8850.000 | 237.000 | 8925.000 | .000 | .000 | .000 | .000 | |
| NH | 5.000 | .230 | 5650.000 | .150 | 6505.000 | .120 | 7215.000 | .054 | 7283.000 | 100.000 | |
| NH | 9710.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 6849.000 | 7283.000 | |

CROSS SECTION YF : GRAVEL PITTS

| | | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| X1 | 57175.000 | 50.000 | 7215.000 | 7283.000 | 1350.000 | 1350.000 | 1620.000 | .000 | .000 | .000 | |
| GR | 232.000 | 5000.000 | 214.000 | 5080.000 | 214.000 | 5140.000 | 211.000 | 5190.000 | 211.000 | 5260.000 | |
| GR | 210.000 | 5340.000 | 200.000 | 5460.000 | 196.000 | 5540.000 | 194.000 | 5650.000 | 193.000 | 5780.000 | |
| GR | 192.000 | 5840.000 | 188.000 | 6030.000 | 185.000 | 6170.000 | 184.000 | 6265.000 | 180.000 | 6505.000 | |
| GR | 177.000 | 6650.000 | 177.000 | 6795.000 | 176.000 | 7115.000 | 176.000 | 7155.000 | 173.600 | 7205.000 | |
| GR | 174.000 | 7215.000 | 166.400 | 7253.000 | 165.200 | 7225.000 | 165.200 | 7235.000 | 164.800 | 7245.000 | |
| GR | 165.100 | 7255.000 | 165.700 | 7259.000 | 166.500 | 7264.000 | 170.200 | 7275.000 | 173.700 | 7293.000 | |
| GR | 173.000 | 7305.000 | 176.000 | 7320.000 | 176.000 | 7540.000 | 176.000 | 7710.000 | 176.000 | 8310.000 | |
| GR | 180.000 | 8410.000 | 184.000 | 8530.000 | 188.000 | 8580.000 | 192.000 | 8600.000 | 196.000 | 8630.000 | |
| GR | 201.000 | 8740.000 | 220.000 | 8840.000 | 221.000 | 8940.000 | 242.000 | 9070.000 | 247.000 | 9180.000 | |
| GR | 249.000 | 9275.000 | 250.000 | 9375.000 | 251.000 | 9480.000 | 255.000 | 9590.000 | 255.000 | 9710.000 | |
| NH | 5.000 | .230 | 5535.000 | .150 | 6212.000 | .120 | 6785.000 | .054 | 6853.000 | 100.000 | |
| NH | 8950.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 10.410 | .000 | .000 | |

CROSS SECTION YF-1 : GRAVEL PITTS

| | | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| X1 | 57855.000 | 28.000 | 6785.000 | 6853.000 | 745.000 | 925.000 | 680.000 | .000 | .000 | .000 | |
| GR | 241.000 | 5000.000 | 216.000 | 5100.000 | 208.000 | 5200.000 | 206.000 | 5300.000 | 201.000 | 5425.000 | |
| GR | 196.000 | 5535.000 | 192.000 | 5675.000 | 188.000 | 5887.000 | 184.000 | 5975.000 | 180.000 | 6212.000 | |
| GR | 177.000 | 6775.000 | 176.920 | 6785.000 | 169.320 | 6793.000 | 168.620 | 6795.000 | 168.120 | 6805.000 | |
| GR | 167.720 | 6815.000 | 168.020 | 6825.000 | 169.620 | 6829.000 | 169.420 | 6834.000 | 173.120 | 6845.000 | |
| GR | 176.620 | 6853.000 | 180.000 | 6875.000 | 184.000 | 7775.000 | 188.000 | 7787.000 | 196.000 | 7800.000 | |
| GR | 200.000 | 8700.000 | 240.000 | 8800.000 | 280.000 | 8950.000 | .000 | .000 | .000 | .000 | |
| NH | 6.000 | .230 | 5535.000 | .150 | 6212.000 | .120 | 6785.000 | .055 | 6853.000 | .150 | |
| NH | 7775.000 | .000 | 8950.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 6489.000 | 6907.000 | |

CROSS SECTION YF-2

| | | | | | | | | | | |
|----|-----------|----------|----------|-----------|-----------|-----------|-----------|-----------|----------|----------|
| X1 | 57865.000 | 28.000 | 6785.000 | 6853.000 | 10.000 | 10.000 | 10.000 | .000 | .040 | .000 |
| GR | 241.000 | 5000.000 | 216.000 | 5100.000 | 208.000 | 5200.000 | 206.000 | 5300.000 | 201.000 | 5425.000 |
| GR | 196.000 | 5535.000 | 192.000 | 5675.000 | 188.000 | 5837.000 | 184.000 | 5975.000 | 180.000 | 6212.000 |
| GR | 177.000 | 6775.000 | 176.920 | 6785.000 | 169.320 | 6793.000 | 168.620 | 6795.000 | 168.120 | 6805.000 |
| GR | 167.720 | 6815.000 | 168.020 | 6825.000 | 168.620 | 6829.000 | 169.420 | 6834.000 | 173.120 | 6845.000 |
| GR | 176.620 | 6853.000 | 180.000 | 6875.000 | 184.000 | 7775.000 | 188.000 | 7787.000 | 196.000 | 7800.000 |
| GR | 200.000 | 8700.000 | 240.000 | 8800.000 | 280.000 | 8950.000 | .000 | .000 | .000 | .000 |
| NC | .100 | .100 | .050 | .100 | .300 | .000 | .000 | .000 | .000 | .000 |
| NH | 5.000 | .250 | 4812.500 | .120 | 4973.200 | .055 | 5060.000 | .150 | 5160.000 | .230 |
| NH | 5515.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| QT | 7.000 | 4196.000 | 8718.000 | 11929.000 | 23516.000 | 13411.000 | 17935.000 | 11929.000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 4723.000 | 5223.000 |

FIRST CROSS SECTION FOR BRIDGE #2, SR 1514

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 58695.000 | 26.000 | 4973.200 | 5060.000 | 760.000 | 760.000 | 840.000 | .000 | -1.070 | .000 |
| X4 | 2.000 | 182.000 | 4812.500 | 181.800 | 5160.000 | .000 | .000 | .000 | .000 | .000 |
| GR | 196.000 | 3982.500 | 192.000 | 4152.500 | 188.000 | 4242.500 | 184.000 | 4492.500 | 181.020 | 4973.200 |
| GR | 181.020 | 4973.210 | 177.020 | 4973.220 | 174.390 | 5001.200 | 173.590 | 5002.500 | 174.010 | 5002.510 |
| GR | 174.010 | 5002.920 | 173.590 | 5002.930 | 172.380 | 5010.000 | 172.910 | 5020.000 | 172.900 | 5028.740 |
| GR | 172.900 | 5028.750 | 172.900 | 5031.250 | 172.900 | 5031.260 | 173.040 | 5040.000 | 174.390 | 5046.000 |
| GR | 177.020 | 5051.000 | 181.020 | 5060.000 | 184.000 | 5440.000 | 188.000 | 5465.000 | 192.000 | 5485.000 |
| GR | 196.000 | 5515.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| NC | .000 | .000 | .000 | .300 | .500 | .000 | .000 | .000 | .000 | .000 |
| NH | 5.000 | .250 | 4812.500 | .120 | 4973.200 | .055 | 5060.000 | .150 | 5160.000 | .230 |
| NH | 5515.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 4798.000 | 5228.000 |
| X1 | 58934.000 | .000 | .000 | .000 | 239.000 | 239.000 | 239.000 | .000 | 1.020 | .000 |
| X3 | 10.000 | .000 | .000 | .000 | .000 | .000 | .000 | 173.500 | 174.620 | .000 |
| NH | 5.000 | .250 | 4812.500 | .120 | 5001.200 | .038 | 5060.010 | .150 | 5160.000 | .230 |
| NH | 5515.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.110 | 4813.000 | 5243.000 |

BRIDGE #2, SR 1514

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|---------|----------|---------|----------|
| X1 | 58935.000 | 34.000 | 5001.200 | 5060.010 | 1.000 | 1.000 | 1.000 | .000 | .000 | .000 |
| BT | -27.000 | 3982.500 | 196.000 | 196.000 | 4152.500 | 192.000 | 192.000 | 4242.500 | 188.000 | 188.000 |
| BT | .000 | 4492.500 | 181.000 | 184.000 | 4812.500 | 180.000 | 180.000 | 4932.500 | 180.000 | 180.000 |
| BT | .000 | 5000.000 | 180.160 | 177.770 | 5000.010 | 180.520 | 177.770 | 5001.200 | 180.520 | 177.770 |
| BT | .000 | 5010.000 | 180.520 | 177.780 | 5020.000 | 180.520 | 177.790 | 5028.740 | 180.520 | 177.790 |
| BT | .000 | 5028.750 | 180.520 | 172.900 | 5031.250 | 180.510 | 172.900 | 5031.260 | 180.510 | 177.800 |
| BT | .000 | 5040.000 | 180.510 | 177.800 | 5046.000 | 180.510 | 177.810 | 5059.000 | 180.510 | 177.820 |
| BT | .000 | 5059.010 | 180.510 | 177.820 | 5060.000 | 180.510 | 177.820 | 5060.010 | 180.150 | 177.820 |
| BT | .000 | 5160.000 | 180.000 | 180.000 | 5380.000 | 180.000 | 180.000 | 5440.000 | 184.000 | 184.000 |
| BT | .000 | 5465.000 | 188.000 | 188.000 | 5485.000 | 192.000 | 192.000 | 5515.000 | 196.000 | 196.000 |
| GR | 196.000 | 3982.500 | 192.000 | 4152.500 | 188.000 | 4242.500 | 184.000 | 4492.500 | 180.000 | 4812.500 |
| GR | 180.000 | 4932.500 | 177.770 | 4999.990 | 177.770 | 5000.000 | 177.770 | 5000.010 | 177.770 | 5001.200 |

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| GR | 173.710 | 5001.210 | 173.590 | 5002.500 | 174.010 | 5002.510 | 174.010 | 5002.920 | 173.590 | 5002.930 |
| GR | 172.380 | 5010.000 | 172.910 | 5020.000 | 172.900 | 5028.740 | 172.900 | 5028.750 | 172.900 | 5031.250 |
| GR | 177.900 | 5031.260 | 173.040 | 5040.000 | 174.390 | 5046.000 | 174.620 | 5059.000 | 177.820 | 5059.010 |
| GR | 177.820 | 5060.000 | 177.820 | 5060.010 | 180.000 | 5159.990 | 180.000 | 5160.000 | 180.000 | 5380.000 |
| GR | 184.000 | 5440.000 | 188.000 | 5465.000 | 192.000 | 5485.000 | 196.000 | 5515.000 | .000 | .000 |
| NH | 5.000 | .250 | 4812.500 | .120 | 5001.200 | .038 | 5060.010 | .150 | 5160.000 | .230 |
| NH | 5515.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.110 | 4813.000 | 5243.000 |
| X1 | 58955.000 | .000 | .000 | .000 | 20.000 | 20.000 | 1.000 | .000 | .000 | .000 |
| X2 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| NH | 5.000 | .250 | 4812.500 | .120 | 4973.200 | .055 | 5060.000 | .150 | 5160.000 | .230 |
| NH | 5515.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 10.410 | .000 | .000 |
| X1 | 58956.000 | 26.000 | 4973.200 | 5060.000 | 1.000 | 1.000 | 1.000 | .000 | .000 | .000 |
| X3 | 10.000 | .000 | .000 | .000 | .000 | .000 | .000 | 173.500 | 174.620 | .000 |
| X4 | 2.000 | 182.000 | 4812.500 | 181.800 | 5160.000 | .000 | .000 | .000 | .000 | .000 |
| GR | 196.000 | 3982.500 | 192.000 | 4152.500 | 188.000 | 4242.500 | 184.000 | 4492.500 | 181.020 | 4973.200 |
| GR | 181.020 | 4973.210 | 177.020 | 4973.220 | 174.390 | 5001.200 | 173.590 | 5002.500 | 174.010 | 5002.510 |
| GR | 174.010 | 5002.920 | 173.590 | 5002.930 | 172.380 | 5010.000 | 172.910 | 5020.000 | 172.900 | 5028.740 |
| GR | 172.900 | 5028.750 | 172.900 | 5031.250 | 172.900 | 5031.260 | 173.040 | 5040.000 | 174.390 | 5046.000 |
| GR | 177.020 | 5051.000 | 181.020 | 5060.000 | 184.000 | 5440.000 | 188.000 | 5465.000 | 192.000 | 5485.000 |
| GR | 196.000 | 5515.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| NH | 5.000 | .250 | 4812.500 | .120 | 4932.500 | .055 | 5060.010 | .150 | 5160.000 | .230 |
| NH | 5515.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 4796.000 | 5280.000 |

LAST CROSS SECTION FOR BRIDGE #2, SR 1514

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 59015.000 | 28.000 | 4932.500 | 5060.010 | 59.000 | 59.000 | 59.000 | .000 | .410 | .000 |
| GR | 196.000 | 3982.500 | 192.000 | 4152.500 | 188.000 | 4242.500 | 184.000 | 4492.500 | 180.000 | 4812.500 |
| GR | 180.000 | 4932.500 | 176.000 | 4962.500 | 173.710 | 5001.210 | 173.590 | 5002.500 | 174.010 | 5002.510 |
| GR | 174.010 | 5002.920 | 173.590 | 5002.930 | 172.380 | 5010.000 | 172.910 | 5020.000 | 172.900 | 5028.740 |
| GR | 172.900 | 5028.750 | 172.900 | 5031.250 | 172.900 | 5031.260 | 173.040 | 5040.000 | 174.390 | 5046.000 |
| GR | 174.620 | 5059.000 | 180.150 | 5060.010 | 180.000 | 5160.000 | 180.000 | 5380.000 | 184.000 | 5440.000 |
| GR | 188.000 | 5465.000 | 192.000 | 5485.000 | 196.000 | 5515.000 | .000 | .000 | .000 | .000 |
| MC | .100 | .100 | .050 | .100 | .300 | .000 | .000 | .000 | .000 | .000 |
| NH | 5.000 | .230 | 5385.000 | .119 | 6765.000 | .055 | 6858.000 | .150 | 7010.000 | .225 |
| NH | 8565.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 6707.000 | 7158.000 |

CROSS SECTION Y6

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 59295.000 | 41.000 | 6765.000 | 6858.000 | 320.000 | 345.000 | 280.000 | .000 | .000 | .000 |
| X4 | 1.000 | 184.250 | 7010.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| GR | 217.000 | 5000.000 | 212.000 | 5090.000 | 209.000 | 5175.000 | 207.000 | 5265.000 | 205.000 | 5385.000 |
| GR | 204.000 | 5525.000 | 201.000 | 5615.000 | 200.000 | 5705.000 | 196.000 | 5895.000 | 195.000 | 6000.000 |
| GR | 193.000 | 6125.000 | 192.000 | 6205.000 | 188.000 | 6365.000 | 186.000 | 6480.000 | 185.000 | 6625.000 |
| GR | 184.000 | 6710.000 | 181.450 | 6740.000 | 181.960 | 6765.000 | 179.330 | 6775.000 | 175.720 | 6796.000 |
| GR | 175.370 | 6800.000 | 175.420 | 6810.000 | 175.510 | 6820.000 | 175.170 | 6830.000 | 174.420 | 6840.000 |
| GR | 175.720 | 6851.000 | 182.000 | 6858.000 | 181.600 | 6870.000 | 184.000 | 6965.000 | 185.000 | 7150.000 |

| | | | | | | | | | | |
|----|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| GR | 185.000 | 7400.000 | 185.000 | 7635.000 | 188.000 | 7850.000 | 192.000 | 7955.000 | 196.000 | 8020.000 |
| GR | 200.000 | 8045.000 | 204.000 | 8065.000 | 217.000 | 8110.000 | 229.000 | 8205.000 | 225.000 | 8390.000 |
| GR | 239.000 | 8565.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| NH | 4.000 | .150 | 6030.000 | .055 | 6130.000 | .150 | 6235.000 | .250 | 7175.000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 5988.000 | 6530.000 |

CROSS SECTION YG-1

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 60645.000 | 18.000 | 6030.000 | 6130.000 | 1275.000 | 1100.000 | 1350.000 | .000 | .000 | .000 |
| GR | 204.000 | 5000.000 | 200.000 | 5120.000 | 196.000 | 5645.000 | 192.000 | 5705.000 | 189.000 | 5855.000 |
| GR | 188.000 | 5920.000 | 184.000 | 6030.000 | 182.170 | 6052.500 | 178.170 | 6072.500 | 177.170 | 6082.500 |
| GR | 178.170 | 6092.500 | 178.670 | 6102.500 | 180.000 | 6115.000 | 184.000 | 6130.000 | 188.000 | 6235.000 |
| GR | 192.000 | 7155.000 | 200.000 | 7165.000 | 204.000 | 7175.000 | .000 | .000 | .000 | .000 |
| NH | 5.000 | .230 | 5445.000 | .120 | 6225.000 | .055 | 6304.000 | .120 | 6455.000 | .250 |
| NH | 9795.000 | .000 | .000 | .000 | .000 | .000 | .063 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 10.410 | .000 | .000 |

CROSS SECTION YH

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 61285.000 | 53.000 | 6225.000 | 6304.000 | 525.000 | 550.000 | 640.000 | .000 | .000 | .000 |
| X4 | 1.000 | 190.000 | 6455.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| GR | 226.000 | 5000.000 | 226.000 | 5075.000 | 223.000 | 5125.000 | 222.000 | 5210.000 | 213.000 | 5305.000 |
| GR | 210.000 | 5380.000 | 208.000 | 5445.000 | 206.000 | 5540.000 | 204.000 | 5610.000 | 200.000 | 5895.000 |
| GR | 197.000 | 6025.000 | 196.000 | 6115.000 | 192.000 | 6165.000 | 189.300 | 6200.000 | 188.100 | 6225.000 |
| GR | 186.200 | 6228.000 | 184.300 | 6241.000 | 180.500 | 6249.000 | 178.800 | 6269.100 | 178.600 | 6250.000 |
| GR | 179.100 | 6260.000 | 179.800 | 6270.000 | 180.700 | 6283.000 | 180.700 | 6285.000 | 183.400 | 6293.000 |
| GR | 191.000 | 6304.000 | 190.100 | 6325.000 | 191.000 | 6415.000 | 188.000 | 6570.000 | 188.000 | 6645.000 |
| GR | 190.000 | 6815.000 | 192.000 | 7005.000 | 192.000 | 7075.000 | 191.000 | 7165.000 | 192.000 | 7215.000 |
| GR | 193.000 | 7545.000 | 200.000 | 7745.000 | 204.000 | 7885.000 | 229.000 | 8565.000 | 243.000 | 7996.000 |
| GR | 246.000 | 8095.000 | 245.000 | 8230.000 | 266.000 | 8375.000 | 283.000 | 8565.000 | 279.000 | 8735.000 |
| GR | 295.000 | 8890.000 | 274.000 | 9060.000 | 283.000 | 9215.000 | 283.000 | 9365.000 | 295.000 | 9495.000 |
| GR | 297.000 | 9605.000 | 306.000 | 9740.000 | 309.000 | 9795.000 | .000 | .000 | .000 | .000 |
| NH | .100 | .100 | .050 | .100 | .300 | .000 | .000 | .000 | .000 | .000 |
| NH | 3.000 | .130 | 5000.000 | .050 | 5060.610 | .150 | 5218.100 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 4775.000 | 5218.000 |

FIRST CROSS SECTION FOR BRIDGE # 3, SR 1515

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 62182.000 | 24.000 | 5000.000 | 5060.610 | 807.000 | 677.000 | 897.100 | .000 | .680 | .000 |
| GR | 208.000 | 4060.000 | 204.000 | 4210.000 | 200.000 | 4397.500 | 196.000 | 4585.000 | 192.000 | 4910.000 |
| GR | 189.870 | 5000.000 | 181.700 | 5002.340 | 181.200 | 5010.000 | 181.500 | 5020.000 | 181.780 | 5029.250 |
| GR | 181.780 | 5029.260 | 181.780 | 5031.740 | 181.780 | 5031.750 | 182.100 | 5032.000 | 182.100 | 5036.250 |
| GR | 182.400 | 5040.000 | 184.760 | 5048.000 | 185.600 | 5059.500 | 189.980 | 5060.610 | 192.000 | 5105.600 |
| GR | 196.000 | 5165.600 | 200.000 | 5183.100 | 204.000 | 5203.100 | 208.000 | 5218.100 | .000 | .000 |
| NH | .000 | .000 | .000 | .300 | .500 | .000 | .000 | .000 | .000 | .000 |
| NH | 3.000 | .130 | 5000.000 | .050 | 5060.610 | .130 | 5218.100 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 4729.000 | 5079.000 |

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 62424.000 | 33.000 | 5000.000 | 5060.610 | 242.000 | 242.000 | 242.000 | .000 | .000 | .000 |
| X3 | 10.000 | .000 | .000 | .000 | .000 | .000 | .000 | 187.570 | 187.730 | .000 |
| GR | 203.000 | 4060.000 | 204.000 | 4210.000 | 200.000 | 4397.500 | 196.000 | 4595.000 | 192.000 | 4910.000 |
| GR | 189.870 | 5000.000 | 187.610 | 5000.010 | 187.610 | 5001.000 | 184.610 | 5001.010 | 184.610 | 5002.000 |
| GR | 183.980 | 5002.010 | 183.980 | 5002.330 | 181.700 | 5002.340 | 181.200 | 5010.000 | 181.500 | 5020.000 |
| GR | 181.780 | 5029.250 | 181.780 | 5029.260 | 181.780 | 5031.740 | 181.780 | 5031.750 | 181.780 | 5032.000 |
| GR | 182.100 | 5036.250 | 182.400 | 5040.000 | 184.760 | 5048.000 | 185.600 | 5059.500 | 187.740 | 5059.600 |
| GR | 187.740 | 5060.500 | 187.740 | 5060.600 | 189.980 | 5060.610 | 192.000 | 5105.600 | 196.000 | 5165.600 |
| GR | 200.000 | 5183.100 | 204.000 | 5208.100 | 208.000 | 5218.100 | .000 | .000 | .000 | .000 |
| NH | 3.000 | .130 | 5000.000 | .038 | 5060.610 | .130 | 5218.100 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 4729.000 | 5079.000 |

BRIDGE # 3, SR 1515

| | | | | | | | | | | |
|----|-----------|----------|----------|---------|----------|---------|----------|----------|----------|----------|
| X1 | 62425.000 | .000 | .000 | .000 | 1.000 | 1.000 | 1.000 | .000 | .000 | .000 |
| BT | -27.000 | 4060.000 | 208.000 | 208.000 | 4210.000 | 204.000 | 204.000 | 4397.500 | 200.000 | 200.000 |
| BT | .000 | 4585.000 | 196.000 | 196.000 | 4910.000 | 192.000 | 192.000 | 5000.000 | 189.870 | 189.870 |
| BT | .000 | 5000.010 | 190.370 | 187.610 | 5001.000 | 190.370 | 187.610 | 5002.000 | 190.360 | 187.610 |
| BT | .000 | 5010.000 | 190.360 | 187.640 | 5020.000 | 190.300 | 187.670 | 5029.250 | 190.270 | 187.710 |
| BT | .000 | 5029.260 | 190.270 | 181.780 | 5031.740 | 190.280 | 181.780 | 5031.750 | 190.280 | 187.710 |
| BT | .000 | 5040.000 | 190.340 | 187.720 | 5048.000 | 190.390 | 187.730 | 5059.500 | 190.470 | 187.740 |
| BT | .000 | 5059.600 | 190.470 | 187.740 | 5060.500 | 190.480 | 187.740 | 5060.600 | 190.480 | 187.740 |
| BT | .000 | 5060.610 | 189.980 | 189.980 | 5105.600 | 192.000 | 192.000 | 5165.600 | 196.000 | 196.000 |
| BT | .000 | 5183.100 | 200.000 | 200.000 | 5208.100 | 204.000 | 204.000 | 5218.100 | 208.000 | 208.000 |
| NH | 3.000 | .130 | 5000.000 | .050 | 5060.610 | .130 | 5218.100 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 4729.000 | 5079.000 |
| X1 | 62446.000 | .000 | .000 | .000 | 21.000 | 21.000 | 21.000 | .000 | .000 | .000 |
| X2 | .000 | .000 | .000 | .000 | .000 | .000 | 1.000 | .000 | .000 | .000 |
| NH | 3.000 | .130 | 5000.000 | .038 | 5060.610 | .130 | 5218.100 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 4729.000 | 5079.000 |
| X1 | 62447.000 | .000 | .000 | .000 | 1.000 | 1.000 | 1.000 | .000 | .000 | .000 |
| X3 | 10.000 | .000 | .000 | .000 | .000 | .000 | .000 | 187.670 | 187.730 | .000 |
| NH | 3.000 | .130 | 5000.000 | .050 | 5060.610 | .130 | 5218.100 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 4734.000 | 5084.000 |

LAST CROSS SECTION FOR BRIDGE # 3, SR 1515

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 62506.000 | 24.000 | 5000.000 | 5060.610 | 59.600 | 59.600 | 59.600 | .000 | .220 | .000 |
| GR | 208.000 | 4060.000 | 204.000 | 4210.000 | 200.000 | 4397.500 | 196.000 | 4585.000 | 192.000 | 4910.000 |
| GR | 189.870 | 5000.000 | 181.700 | 5002.340 | 181.720 | 5010.000 | 181.750 | 5020.000 | 181.780 | 5029.250 |
| GR | 181.780 | 5029.260 | 181.780 | 5031.740 | 181.780 | 5031.750 | 181.780 | 5032.000 | 182.100 | 5036.250 |
| GR | 182.400 | 5040.000 | 184.760 | 5048.000 | 185.600 | 5059.500 | 189.980 | 5060.610 | 192.000 | 5105.600 |
| GR | 196.000 | 5165.600 | 200.000 | 5183.100 | 204.000 | 5208.100 | 208.000 | 5218.100 | .000 | .000 |

| | | | | | | | | | | |
|----|-------|------|----------|------|----------|------|----------|--------|----------|------|
| NH | 4.000 | .060 | 5030.000 | .085 | 5178.000 | .048 | 5240.000 | .150 | 6985.000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 10.410 | .000 | .000 |

CROSS SECTION YJ-2

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 66155.000 | 18.000 | 5178.000 | 5240.000 | 225.000 | 100.000 | 190.000 | .000 | .000 | .000 |
| GR | 220.000 | 5000.000 | 216.000 | 5010.000 | 212.000 | 5030.000 | 208.000 | 5050.000 | 204.000 | 5100.000 |
| GR | 202.000 | 5178.000 | 196.100 | 5185.000 | 195.000 | 5195.000 | 194.200 | 5205.000 | 194.800 | 5223.000 |
| GR | 196.100 | 5230.000 | 202.000 | 5240.000 | 204.000 | 5585.000 | 205.000 | 5835.000 | 208.000 | 6425.000 |
| GR | 212.000 | 6725.000 | 216.000 | 6875.000 | 220.000 | 6985.000 | .000 | .000 | .000 | .000 |
| NH | 4.000 | .180 | 5500.000 | .046 | 5550.000 | .095 | 5870.000 | .180 | 7000.000 | .000 |

CROSS SECTION YJ-3

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 66405.000 | 21.000 | 5500.000 | 5550.000 | 195.000 | 100.000 | 250.000 | .000 | .000 | .000 |
| GR | 216.000 | 5000.000 | 212.000 | 5030.000 | 208.000 | 5050.000 | 204.000 | 5250.000 | 200.000 | 5450.000 |
| CR | 202.000 | 5500.000 | 195.700 | 5505.000 | 195.500 | 5511.000 | 194.880 | 5516.000 | 195.170 | 5523.000 |
| GR | 195.190 | 5533.000 | 195.470 | 5542.000 | 195.800 | 5547.000 | 202.000 | 5550.000 | 200.000 | 5570.000 |
| GR | 204.000 | 5700.000 | 205.000 | 5870.000 | 208.000 | 6440.000 | 212.800 | 6740.000 | 216.000 | 6890.000 |
| GR | 220.000 | 7000.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| NH | 5.000 | .180 | 6110.000 | .160 | 6510.000 | .085 | 7095.000 | .048 | 7142.000 | .080 |
| NH | 7520.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |

CROSS SECTION YK

| | | | | | | | | | | |
|----|-----------|----------|----------|-----------|-----------|-----------|-----------|-----------|----------|----------|
| X1 | 67675.000 | 30.000 | 7095.000 | 7142.000 | 980.000 | 1150.000 | 1270.000 | .000 | .000 | .000 |
| GR | 268.000 | 5670.000 | 255.000 | 5750.000 | 224.000 | 5950.000 | 220.000 | 5965.000 | 216.000 | 6005.000 |
| GR | 212.000 | 6110.000 | 211.000 | 6230.000 | 211.000 | 6350.000 | 208.000 | 6455.000 | 204.000 | 6510.000 |
| GR | 204.000 | 6595.000 | 205.000 | 6595.000 | 205.000 | 6835.000 | 205.000 | 7070.000 | 205.400 | 7095.000 |
| GR | 200.300 | 7099.000 | 200.100 | 7100.000 | 198.900 | 7110.000 | 198.200 | 7120.000 | 199.900 | 7130.000 |
| GR | 200.300 | 7130.000 | 201.700 | 7130.500 | 207.300 | 7142.000 | 207.300 | 7170.000 | 212.000 | 7190.000 |
| GR | 216.000 | 7200.000 | 220.000 | 7210.000 | 224.000 | 7230.000 | 237.000 | 7400.000 | 238.000 | 7520.000 |
| QT | 7.000 | 3543.000 | 7263.000 | 10761.000 | 21263.000 | 12102.000 | 16202.000 | 10761.000 | .000 | .000 |
| NH | 5.000 | .160 | 6785.000 | .085 | 6975.000 | .048 | 7047.000 | .080 | 7218.000 | .110 |
| NH | 7218.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |

CROSS SECTION YL

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 69935.000 | 30.000 | 6975.000 | 7047.000 | 1650.000 | 2350.000 | 2260.000 | .000 | .000 | .000 |
| GR | 232.000 | 5780.000 | 228.000 | 5800.000 | 224.000 | 5840.000 | 220.000 | 5920.000 | 218.000 | 6020.000 |
| GR | 216.000 | 6080.000 | 215.000 | 6190.000 | 212.000 | 6320.000 | 208.000 | 6440.000 | 208.000 | 6465.000 |
| GR | 209.600 | 6570.000 | 212.000 | 6660.000 | 213.000 | 6785.000 | 213.000 | 6895.000 | 214.000 | 6975.000 |
| GR | 211.600 | 6987.000 | 209.400 | 6992.000 | 207.800 | 6993.000 | 207.400 | 6995.000 | 207.200 | 7005.000 |
| GR | 206.800 | 7015.000 | 206.900 | 7025.000 | 206.700 | 7035.000 | 207.300 | 7038.000 | 207.800 | 7038.000 |
| GR | 213.300 | 7047.000 | 212.100 | 7053.000 | 216.000 | 7123.000 | 220.000 | 7183.000 | 222.000 | 7218.000 |

| | | | | | | | | | | |
|----|-------|------|----------|------|----------|------|----------|------|----------|------|
| NC | .100 | .100 | .050 | .100 | .300 | .000 | .000 | .000 | .000 | .000 |
| NH | 4.000 | .085 | 4999.990 | .048 | 5104.000 | .085 | 5325.000 | .110 | 5475.000 | .000 |

FIRST CROSS SECTION FOR BRIDGE #4, NC 268

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 70208.000 | 25.000 | 4999.990 | 5104.000 | 240.000 | 215.000 | 273.250 | .000 | -1.830 | .000 |
| GR | 232.000 | 4510.000 | 224.000 | 4613.000 | 216.000 | 4725.000 | 213.500 | 4999.990 | 213.500 | 5000.000 |
| GR | 213.500 | 5001.000 | 213.360 | 5001.010 | 213.360 | 5001.500 | 211.880 | 5001.510 | 212.050 | 5010.000 |
| GR | 209.680 | 5032.500 | 210.300 | 5057.000 | 209.700 | 5067.500 | 209.700 | 5072.540 | 211.410 | 5086.000 |
| GR | 212.050 | 5099.000 | 212.520 | 5103.600 | 213.840 | 5103.610 | 213.840 | 5104.000 | 213.500 | 5117.000 |
| GR | 216.000 | 5130.000 | 220.000 | 5150.000 | 224.000 | 5325.000 | 228.000 | 5450.000 | 232.000 | 5475.000 |

| | | | | | | | | | | |
|----|-------|------|----------|------|----------|------|----------|------|----------|------|
| NC | .000 | .000 | .000 | .300 | .500 | .000 | .000 | .000 | .000 | .000 |
| NH | 4.000 | .085 | 4999.990 | .048 | 5104.000 | .085 | 5325.000 | .110 | 5475.000 | .000 |

BRIDGE # 4, NC 268

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 70630.000 | .000 | .000 | .000 | 420.600 | 420.600 | 420.600 | .000 | .000 | .000 |
| X3 | 10.000 | .000 | .000 | .000 | .000 | .000 | .000 | 222.000 | 218.000 | .000 |
| NH | 4.000 | .085 | 4999.990 | .048 | 5104.010 | .085 | 5180.400 | .110 | 5205.400 | .000 |
| SB | 1.250 | 1.560 | 2.600 | .000 | 90.000 | 8.000 | 977.000 | .116 | 209.680 | 209.680 |
| X1 | 70661.000 | 54.000 | 4999.990 | 5104.010 | 32.300 | 32.300 | 32.300 | .000 | .000 | .000 |
| X2 | .000 | .000 | 1.000 | 221.400 | 222.100 | .000 | .000 | .000 | .000 | .000 |
| X3 | 10.000 | .000 | .000 | .000 | .000 | .000 | .000 | 223.370 | 220.850 | .000 |
| BT | -38.000 | 4772.500 | 232.000 | 232.000 | 4792.500 | 226.070 | 226.070 | 4837.500 | 224.000 | 224.000 |
| BT | .000 | 4999.990 | 223.370 | 213.360 | 5000.000 | 225.570 | 213.360 | 5001.000 | 225.570 | 213.360 |
| BT | .000 | 5001.010 | 225.560 | 221.400 | 5001.500 | 225.550 | 221.390 | 5001.510 | 225.550 | 221.390 |
| BT | .000 | 5010.000 | 225.450 | 221.280 | 5033.750 | 225.160 | 220.960 | 5033.760 | 225.160 | 217.750 |
| BT | .000 | 5034.010 | 225.160 | 217.750 | 5034.020 | 225.160 | 214.140 | 5036.020 | 225.140 | 214.140 |
| BT | .000 | 5036.030 | 225.140 | 217.750 | 5036.280 | 225.130 | 217.750 | 5036.290 | 225.130 | 220.930 |
| BT | .000 | 5057.000 | 224.880 | 220.450 | 5068.750 | 224.740 | 220.490 | 5068.760 | 224.740 | 217.000 |
| BT | .000 | 5069.010 | 224.740 | 217.000 | 5069.020 | 224.740 | 213.680 | 5071.020 | 224.710 | 213.680 |
| BT | .000 | 5071.030 | 224.710 | 217.000 | 5071.280 | 224.710 | 217.000 | 5071.290 | 224.710 | 220.460 |
| BT | .000 | 5084.000 | 224.530 | 220.260 | 5099.000 | 224.380 | 220.090 | 5103.600 | 224.320 | 220.030 |
| BT | .000 | 5103.610 | 224.320 | 220.030 | 5104.000 | 224.320 | 220.020 | 5104.010 | 224.320 | 213.840 |
| BT | .000 | 5105.390 | 224.300 | 213.840 | 5105.400 | 222.100 | 213.840 | 5180.400 | 220.850 | 220.000 |
| BT | .000 | 5185.400 | 228.000 | 228.000 | 5205.400 | 232.000 | 232.000 | .000 | .000 | .000 |
| GR | 232.000 | 4772.500 | 226.070 | 4792.500 | 224.000 | 4837.500 | 213.360 | 4999.990 | 213.360 | 5000.000 |
| GR | 213.360 | 5001.000 | 213.360 | 5001.010 | 213.360 | 5001.500 | 211.880 | 5001.510 | 212.050 | 5010.000 |
| GR | 209.680 | 5032.500 | 211.640 | 5032.510 | 211.640 | 5033.010 | 214.140 | 5033.020 | 214.140 | 5033.750 |
| GR | 214.140 | 5033.760 | 214.140 | 5034.010 | 214.140 | 5034.020 | 214.140 | 5036.020 | 214.140 | 5036.030 |
| GR | 214.140 | 5036.280 | 214.140 | 5036.290 | 214.140 | 5037.020 | 211.640 | 5037.030 | 211.640 | 5037.530 |
| GR | 209.680 | 5037.540 | 210.300 | 5057.000 | 209.700 | 5067.500 | 211.180 | 5067.510 | 211.180 | 5068.010 |
| GR | 213.680 | 5068.020 | 213.680 | 5068.750 | 213.680 | 5068.760 | 213.680 | 5069.010 | 213.680 | 5069.020 |
| GR | 213.680 | 5071.020 | 213.680 | 5071.030 | 213.680 | 5071.280 | 213.680 | 5071.290 | 213.680 | 5072.020 |
| GR | 211.180 | 5072.030 | 211.180 | 5072.530 | 209.700 | 5072.540 | 211.410 | 5086.000 | 212.050 | 5099.000 |
| GR | 212.520 | 5103.600 | 213.840 | 5103.610 | 213.840 | 5104.000 | 213.840 | 5104.010 | 213.840 | 5105.390 |
| GR | 213.840 | 5105.400 | 220.000 | 5180.400 | 228.000 | 5185.400 | 232.000 | 5205.400 | .000 | .000 |

02-26-86 00:49:24

| | NH | 4.000 | .080 | 4999.990 | .048 | 5104.000 | .080 | 5180.400 | .180 | 5205.400 | .000 |
|--|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| LAST CROSS SECTION FOR BRIDGE #4, NC 268 | | | | | | | | | | | |
| X1 | 70766.000 | 25.000 | 4999.990 | 5104.000 | 104.400 | 104.400 | 104.400 | 104.400 | .000 | .540 | .000 |
| GR | 232.000 | 4772.500 | 228.000 | 4792.500 | 224.000 | 224.000 | 224.000 | 224.000 | 4999.990 | 213.360 | 5000.000 |
| GR | 213.360 | 5001.000 | 213.360 | 5001.010 | 213.360 | 211.880 | 211.880 | 211.880 | 5001.510 | 212.050 | 5010.000 |
| GR | 209.680 | 5032.500 | 210.300 | 5037.000 | 209.700 | 209.700 | 209.700 | 209.700 | 5072.540 | 211.410 | 5086.000 |
| GR | 212.050 | 5099.000 | 212.520 | 5103.600 | 213.840 | 213.840 | 213.840 | 213.840 | 5104.000 | 213.840 | 5104.400 |
| GR | 213.840 | 5105.390 | 213.840 | 5105.400 | 220.000 | 220.000 | 220.000 | 228.000 | 5185.400 | 232.000 | 5205.400 |
| NH | 4.000 | .120 | 5080.000 | .068 | 5270.000 | .110 | 5350.000 | .180 | 6290.000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 5070.000 | 5280.000 |

CROSS SECTION YL-1

| | | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 71225.000 | 19.000 | 5080.000 | 5270.000 | 364.000 | 414.000 | 459.000 | .000 | .000 | .000 | .000 |
| GR | 232.000 | 5000.000 | 228.000 | 5010.000 | 224.000 | 224.000 | 220.000 | 220.000 | 5080.000 | 213.000 | 5090.000 |
| GR | 211.110 | 5115.000 | 213.000 | 5140.000 | 220.000 | 220.000 | 221.000 | 221.000 | 5180.000 | 220.000 | 5210.000 |
| GR | 213.000 | 5215.000 | 211.110 | 5240.000 | 213.000 | 213.000 | 216.000 | 216.000 | 5270.000 | 220.000 | 5350.000 |
| GR | 224.000 | 5570.000 | 228.000 | 6210.000 | 232.000 | 232.000 | 240.000 | 240.000 | 6290.000 | .000 | .000 |
| NC | .100 | .100 | .050 | .100 | .300 | .000 | .000 | .000 | .000 | .000 | .000 |
| NH | 4.000 | .120 | 6709.000 | .105 | 7005.000 | .095 | 7455.000 | .120 | 7790.000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 10.410 | .000 | .000 | .000 |

CROSS SECTION YH

| | | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 71785.000 | 36.000 | 6709.000 | 7005.000 | 530.000 | 545.000 | 560.000 | .000 | .000 | .000 | .000 |
| X4 | 1.000 | 228.000 | 6515.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| GR | 232.000 | 6315.000 | 227.000 | 6595.000 | 226.000 | 226.000 | 226.600 | 222.900 | 6699.000 | 222.900 | 6709.000 |
| GR | 222.900 | 6712.000 | 215.500 | 6719.000 | 214.600 | 214.600 | 214.900 | 215.200 | 6735.000 | 215.200 | 6745.000 |
| GR | 215.300 | 6753.000 | 219.600 | 6760.000 | 220.300 | 220.300 | 221.900 | 221.100 | 6835.000 | 221.100 | 6885.000 |
| GR | 221.100 | 6908.000 | 219.500 | 6938.000 | 218.800 | 218.800 | 219.600 | 220.200 | 6944.000 | 220.200 | 6955.000 |
| GR | 219.700 | 6973.000 | 214.900 | 6977.100 | 214.700 | 214.700 | 214.600 | 214.700 | 6985.000 | 214.700 | 6995.000 |
| GR | 214.900 | 7003.000 | 220.400 | 7005.000 | 221.000 | 221.000 | 220.500 | 222.000 | 7035.000 | 222.000 | 7095.000 |
| GR | 224.000 | 7165.000 | 226.000 | 7225.000 | 226.000 | 226.000 | 228.000 | 232.000 | 7750.000 | 232.000 | 7770.000 |
| GR | 240.000 | 7790.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| NH | 4.000 | .120 | 5850.000 | .086 | 6050.000 | .095 | 6590.000 | .120 | 6610.000 | .000 | .000 |

CROSS SECTION YH-1

| | | | | | | | | | | | |
|----|-----------|----------|----------|----------|---------|---------|---------|---------|----------|---------|----------|
| X1 | 72165.000 | 20.000 | 5850.000 | 6050.000 | 400.000 | 275.000 | 380.000 | .000 | .000 | .000 | .000 |
| GR | 240.000 | 5000.000 | 236.000 | 5020.000 | 232.000 | 232.000 | 228.000 | 224.000 | 5500.000 | 224.000 | 5840.000 |
| GR | 220.000 | 5850.000 | 217.000 | 5655.000 | 215.280 | 215.280 | 217.000 | 220.000 | 5900.000 | 220.000 | 5905.000 |
| GR | 221.000 | 5945.000 | 220.000 | 5985.000 | 217.000 | 217.000 | 215.280 | 217.000 | 6017.500 | 217.000 | 6042.500 |
| GR | 220.000 | 6050.000 | 224.000 | 6150.000 | 228.000 | 228.000 | 232.000 | 240.000 | 6590.000 | 240.000 | 6610.000 |

THIS RUN EXECUTED 02-26-86 00:57:37

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

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

YADKIN RIVER

SUMMARY PRINTOUT TABLE 150

| SECNO | XLCH | ELTRD | ELLC | ELMIN | Q | CVSEL | CRWS | EG | 10K*S | VCH | AREA | .01K |
|-------------|---------|--------|--------|--------|----------|--------|--------|--------|-------|-------|----------|----------|
| 47010.000 | .00 | .00 | .00 | 138.00 | 8291.00 | 152.26 | .00 | 152.74 | 33.29 | 7.00 | 2429.60 | 1436.97 |
| 47010.000 | .00 | .00 | .00 | 138.00 | 18584.00 | 155.56 | .00 | 156.09 | 33.63 | 8.49 | 5295.56 | 3204.63 |
| 47010.000 | .00 | .00 | .00 | 138.00 | 25026.00 | 157.00 | .00 | 157.54 | 33.43 | 9.05 | 7459.75 | 4328.11 |
| 47010.000 | .00 | .00 | .00 | 138.00 | 50357.00 | 160.87 | .00 | 161.45 | 33.78 | 10.61 | 14519.27 | 8663.66 |
| 47935.000 | 925.00 | .00 | .00 | 141.00 | 8291.00 | 154.97 | .00 | 155.30 | 25.33 | 6.24 | 3765.39 | 1647.52 |
| 47935.000 | 925.00 | .00 | .00 | 141.00 | 18584.00 | 158.02 | .00 | 158.19 | 17.93 | 5.69 | 10732.71 | 4388.95 |
| 47935.000 | 925.00 | .00 | .00 | 141.00 | 25026.00 | 159.33 | .00 | 159.49 | 16.12 | 5.78 | 14560.45 | 6234.12 |
| 47935.000 | 925.00 | .00 | .00 | 141.00 | 50357.00 | 163.08 | .00 | 163.25 | 14.42 | 6.44 | 26859.05 | 13262.87 |
| 48377.000 | 441.52 | .00 | .00 | 142.70 | 8291.00 | 155.53 | .00 | 155.56 | 2.37 | 2.06 | 11717.05 | 5386.71 |
| 48377.000 | 441.52 | .00 | .00 | 142.70 | 18584.00 | 158.46 | .00 | 158.50 | 3.45 | 2.92 | 20743.57 | 10009.08 |
| 48377.000 | 441.52 | .00 | .00 | 142.70 | 25026.00 | 159.78 | .00 | 159.83 | 3.94 | 3.31 | 25014.22 | 12615.16 |
| 48377.000 | 441.52 | .00 | .00 | 142.70 | 50357.00 | 163.59 | .00 | 163.67 | 5.44 | 4.52 | 37527.75 | 21585.34 |
| * 48922.000 | 544.60 | .00 | .00 | 144.86 | 8291.00 | 156.19 | 152.56 | 157.28 | 47.79 | 8.38 | 989.51 | 1199.27 |
| * 48922.000 | 544.60 | .00 | .00 | 144.86 | 18584.00 | 158.97 | 156.20 | 159.37 | 22.90 | 6.90 | 5100.84 | 3883.25 |
| 48922.000 | 544.60 | .00 | .00 | 144.86 | 25026.00 | 160.18 | .00 | 160.39 | 13.71 | 5.69 | 9150.89 | 6758.83 |
| 48922.000 | 544.60 | .00 | .00 | 144.86 | 50357.00 | 164.02 | .00 | 164.30 | 14.12 | 6.84 | 15289.94 | 13400.35 |
| * 48949.000 | 27.75 | 156.19 | 156.35 | 144.86 | 3941.00 | 157.25 | .00 | 157.28 | 1.97 | 1.67 | 3875.13 | 2809.56 |
| 48949.000 | 27.75 | 156.19 | 156.35 | 144.86 | 8741.00 | 159.35 | .00 | 159.38 | 2.38 | 2.08 | 7913.57 | 5667.29 |
| 48949.000 | 27.75 | 156.19 | 156.35 | 144.86 | 11900.00 | 160.46 | .00 | 160.50 | 2.77 | 2.39 | 9570.33 | 7143.60 |
| 48949.000 | 27.75 | 156.19 | 156.35 | 144.86 | 23674.00 | 164.24 | .00 | 164.30 | 2.93 | 2.90 | 15647.20 | 13831.11 |
| 49084.000 | 135.40 | .00 | .00 | 145.56 | 3941.00 | 157.27 | .00 | 157.34 | 3.99 | 2.44 | 2431.24 | 1971.83 |
| 49084.000 | 135.40 | .00 | .00 | 145.56 | 8741.00 | 159.38 | .00 | 159.43 | 3.19 | 2.49 | 7004.74 | 4895.47 |
| 49084.000 | 135.40 | .00 | .00 | 145.56 | 11900.00 | 160.50 | .00 | 160.55 | 3.68 | 2.84 | 8572.58 | 6205.57 |
| 49084.000 | 135.40 | .00 | .00 | 145.56 | 23674.00 | 164.28 | .00 | 164.35 | 3.60 | 3.33 | 14557.88 | 12471.71 |
| 50145.000 | 1166.00 | .00 | .00 | 150.52 | 3941.00 | 158.61 | 156.51 | 159.78 | 88.50 | 8.73 | 578.77 | 418.92 |
| 50145.000 | 1166.00 | .00 | .00 | 150.52 | 8741.00 | 161.53 | 160.94 | 162.02 | 42.25 | 7.51 | 3532.22 | 1344.84 |
| 50145.000 | 1166.00 | .00 | .00 | 150.52 | 11900.00 | 162.43 | 161.43 | 162.83 | 36.85 | 7.45 | 4801.90 | 1960.27 |
| 50145.000 | 1166.00 | .00 | .00 | 150.52 | 23674.00 | 165.52 | .00 | 163.77 | 22.24 | 6.89 | 9283.81 | 5019.82 |

| SECNO | XLCH | ELTRD | ELLC | ELMIN | Q | CWSEL | CRWS | EG | 10K*S | VCH | AREA | .01K |
|-----------|---------|-------|------|--------|----------|--------|------|--------|-------|------|----------|---------|
| 52015.000 | 1870.00 | .00 | .00 | 154.50 | 3941.00 | 165.11 | .00 | 165.34 | 17.71 | 4.60 | 2020.92 | 936.37 |
| 52015.000 | 1870.00 | .00 | .00 | 154.50 | 8741.00 | 166.89 | .00 | 167.13 | 20.92 | 5.63 | 4456.93 | 1911.28 |
| 52015.000 | 1870.00 | .00 | .00 | 154.50 | 11900.00 | 167.62 | .00 | 167.87 | 22.32 | 6.08 | 5708.85 | 2518.98 |
| 52015.000 | 1870.00 | .00 | .00 | 154.50 | 23674.00 | 169.67 | .00 | 169.03 | 24.29 | 7.07 | 9452.15 | 4803.29 |
| 52995.000 | 980.00 | .00 | .00 | 155.00 | 3941.00 | 166.64 | .00 | 166.83 | 13.79 | 4.24 | 2859.43 | 1061.39 |
| 52995.000 | 980.00 | .00 | .00 | 155.00 | 8741.00 | 168.60 | .00 | 168.77 | 14.74 | 4.98 | 6394.40 | 2276.92 |
| 52995.000 | 980.00 | .00 | .00 | 155.00 | 11900.00 | 169.45 | .00 | 169.63 | 16.01 | 5.45 | 7979.90 | 2973.94 |
| 52995.000 | 980.00 | .00 | .00 | 155.00 | 23674.00 | 171.75 | .00 | 171.98 | 19.92 | 6.83 | 12304.28 | 5304.05 |
| 53815.000 | 820.00 | .00 | .00 | 158.46 | 3941.00 | 168.09 | .00 | 168.40 | 23.30 | 4.79 | 1569.74 | 816.45 |
| 53815.000 | 820.00 | .00 | .00 | 158.46 | 8741.00 | 170.27 | .00 | 170.73 | 30.70 | 6.58 | 3446.79 | 1577.60 |
| 53815.000 | 820.00 | .00 | .00 | 158.46 | 11900.00 | 171.24 | .00 | 171.78 | 33.50 | 7.35 | 4510.11 | 2055.89 |
| 53815.000 | 820.00 | .00 | .00 | 158.46 | 23674.00 | 173.84 | .00 | 174.51 | 38.24 | 9.15 | 7803.42 | 3828.33 |
| 55015.000 | 1200.00 | .00 | .00 | 163.90 | 3941.00 | 171.85 | .00 | 172.23 | 41.88 | 6.09 | 2071.29 | 608.97 |
| 55015.000 | 1200.00 | .00 | .00 | 163.90 | 8741.00 | 174.35 | .00 | 174.76 | 39.37 | 7.31 | 4562.35 | 1393.16 |
| 55015.000 | 1200.00 | .00 | .00 | 163.90 | 11900.00 | 175.47 | .00 | 175.90 | 38.51 | 7.82 | 6114.60 | 1917.72 |
| 55015.000 | 1200.00 | .00 | .00 | 163.90 | 23674.00 | 178.32 | .00 | 178.75 | 36.61 | 8.98 | 11206.02 | 3912.84 |
| 55555.000 | 540.00 | .00 | .00 | 164.15 | 3941.00 | 174.32 | .00 | 174.87 | 56.58 | 6.08 | 1918.22 | 523.92 |
| 55555.000 | 540.00 | .00 | .00 | 164.15 | 8741.00 | 176.63 | .00 | 177.24 | 52.15 | 7.21 | 5412.53 | 1210.46 |
| 55555.000 | 540.00 | .00 | .00 | 164.15 | 11900.00 | 177.67 | .00 | 178.25 | 48.23 | 7.47 | 7504.94 | 1713.52 |
| 55555.000 | 540.00 | .00 | .00 | 164.15 | 23674.00 | 180.39 | .00 | 181.00 | 45.27 | 8.56 | 13704.64 | 3518.43 |
| 57175.000 | 1620.00 | .00 | .00 | 164.80 | 3941.00 | 177.94 | .00 | 178.22 | 12.77 | 4.59 | 3749.47 | 1102.68 |
| 57175.000 | 1620.00 | .00 | .00 | 164.80 | 8741.00 | 180.61 | .00 | 180.95 | 15.64 | 5.89 | 8709.47 | 2210.53 |
| 57175.000 | 1620.00 | .00 | .00 | 164.80 | 11900.00 | 181.75 | .00 | 182.13 | 17.37 | 6.55 | 10985.76 | 2854.88 |
| 57175.000 | 1620.00 | .00 | .00 | 164.80 | 23674.00 | 184.81 | .00 | 185.30 | 21.42 | 8.26 | 17729.30 | 5115.49 |
| 57855.000 | 680.00 | .00 | .00 | 167.72 | 3941.00 | 179.14 | .00 | 179.64 | 26.52 | 5.89 | 1089.14 | 765.24 |
| 57855.000 | 680.00 | .00 | .00 | 167.72 | 8741.00 | 181.97 | .00 | 182.49 | 26.58 | 7.07 | 3451.93 | 1695.49 |
| 57855.000 | 680.00 | .00 | .00 | 167.72 | 11900.00 | 183.21 | .00 | 183.74 | 26.79 | 7.59 | 5180.52 | 2299.19 |
| 57855.000 | 680.00 | .00 | .00 | 167.72 | 23674.00 | 186.51 | .00 | 187.09 | 27.80 | 8.97 | 11112.68 | 4490.16 |
| 57865.000 | 10.00 | .00 | .00 | 167.76 | 3941.00 | 179.17 | .00 | 179.66 | 27.61 | 5.89 | 1077.58 | 750.07 |
| 57865.000 | 10.00 | .00 | .00 | 167.76 | 8741.00 | 182.09 | .00 | 182.53 | 24.25 | 6.66 | 3543.16 | 1775.10 |
| 57865.000 | 10.00 | .00 | .00 | 167.76 | 11900.00 | 183.40 | .00 | 183.78 | 21.46 | 6.72 | 5426.71 | 2568.57 |
| 57865.000 | 10.00 | .00 | .00 | 167.76 | 23674.00 | 186.90 | .00 | 187.14 | 15.30 | 6.63 | 11765.20 | 6052.60 |
| 58695.000 | 840.00 | .00 | .00 | 171.31 | 4196.00 | 181.65 | .00 | 182.17 | 32.15 | 5.85 | 889.35 | 740.07 |
| 58695.000 | 840.00 | .00 | .00 | 171.31 | 8718.00 | 184.32 | .00 | 184.96 | 33.81 | 7.26 | 3016.75 | 1499.29 |
| 58695.000 | 840.00 | .00 | .00 | 171.31 | 11929.00 | 185.48 | .00 | 186.16 | 35.35 | 7.95 | 4278.53 | 2006.48 |
| 58695.000 | 840.00 | .00 | .00 | 171.31 | 23516.00 | 188.62 | .00 | 189.39 | 37.24 | 9.54 | 8081.74 | 3853.64 |
| 58934.000 | 239.00 | .00 | .00 | 172.33 | 4196.00 | 182.44 | .00 | 183.00 | 35.86 | 6.06 | 822.68 | 700.71 |
| 58934.000 | 239.00 | .00 | .00 | 172.33 | 8718.00 | 185.14 | .00 | 185.84 | 37.56 | 7.56 | 2810.45 | 1422.46 |
| 58934.000 | 239.00 | .00 | .00 | 172.33 | 11929.00 | 186.34 | .00 | 187.07 | 38.28 | 8.19 | 4092.68 | 1928.16 |
| 58934.000 | 239.00 | .00 | .00 | 172.33 | 23516.00 | 189.51 | .00 | 190.31 | 38.99 | 9.71 | 7921.87 | 3766.20 |

| SECHO | XLCH | ELTRD | ELLC | ELMIN | Q | CVSEL | CRIMS | EG | 10K'S | VCH | AREA | .OIK |
|-----------|---------|--------|--------|--------|----------|--------|-------|--------|--------|-------|----------|---------|
| 58935.000 | 1.00 | 180.00 | 196.00 | 172.38 | 4196.00 | 182.91 | .00 | 183.11 | 61.56 | 5.14 | 2250.60 | 534.80 |
| 58935.000 | 1.00 | 180.00 | 196.00 | 172.38 | 8718.00 | 185.89 | .00 | 186.02 | 32.87 | 4.82 | 5141.34 | 1520.58 |
| 58935.000 | 1.00 | 180.00 | 196.00 | 172.38 | 11929.00 | 187.11 | .00 | 187.25 | 32.82 | 5.23 | 6521.08 | 2082.29 |
| 58935.000 | 1.00 | 180.00 | 196.00 | 172.38 | 23516.00 | 190.31 | .00 | 190.50 | 35.12 | 6.43 | 10480.89 | 3968.32 |
| 58955.000 | 20.00 | 180.00 | 196.00 | 172.38 | 4196.00 | 183.05 | .00 | 183.23 | 54.08 | 4.89 | 2376.25 | 570.60 |
| 58955.000 | 20.00 | 180.00 | 196.00 | 172.38 | 8718.00 | 185.96 | .00 | 186.08 | 31.62 | 4.75 | 5217.53 | 1550.39 |
| 58955.000 | 20.00 | 180.00 | 196.00 | 172.38 | 11929.00 | 187.18 | .00 | 187.32 | 31.87 | 5.17 | 6593.48 | 2112.95 |
| 58955.000 | 20.00 | 180.00 | 196.00 | 172.38 | 23516.00 | 190.39 | .00 | 190.57 | 34.30 | 6.38 | 10569.08 | 4015.16 |
| 58956.000 | 1.00 | .00 | .00 | 172.38 | 4196.00 | 182.94 | .00 | 183.36 | 26.42 | 5.40 | 1253.28 | 816.39 |
| 58956.000 | 1.00 | .00 | .00 | 172.38 | 8718.00 | 185.82 | .00 | 186.23 | 23.31 | 6.19 | 3932.84 | 1805.77 |
| 58956.000 | 1.00 | .00 | .00 | 172.38 | 11929.00 | 187.03 | .00 | 187.48 | 24.66 | 6.82 | 5280.94 | 2402.42 |
| 58956.000 | 1.00 | .00 | .00 | 172.38 | 23516.00 | 190.21 | .00 | 190.76 | 27.88 | 8.44 | 9201.53 | 4453.76 |
| 59015.000 | 59.00 | .00 | .00 | 172.79 | 4196.00 | 183.39 | .00 | 183.53 | 9.63 | 3.27 | 2753.80 | 1351.82 |
| 59015.000 | 59.00 | .00 | .00 | 172.79 | 8718.00 | 186.21 | .00 | 186.38 | 10.23 | 4.11 | 5486.34 | 2725.67 |
| 59015.000 | 59.00 | .00 | .00 | 172.79 | 11929.00 | 187.42 | .00 | 187.64 | 11.72 | 4.72 | 6837.56 | 3483.80 |
| 59015.000 | 59.00 | .00 | .00 | 172.79 | 23516.00 | 190.60 | .00 | 190.94 | 15.67 | 6.38 | 10748.39 | 5939.76 |
| 59295.000 | 280.00 | .00 | .00 | 174.42 | 4196.00 | 183.78 | .00 | 184.32 | 37.57 | 6.03 | 869.30 | 684.55 |
| 59295.000 | 280.00 | .00 | .00 | 174.42 | 8718.00 | 186.56 | .00 | 187.17 | 34.31 | 7.16 | 3135.15 | 1488.39 |
| 59295.000 | 280.00 | .00 | .00 | 174.42 | 11929.00 | 187.83 | .00 | 188.39 | 31.18 | 7.40 | 4863.90 | 2136.33 |
| 59295.000 | 280.00 | .00 | .00 | 174.42 | 23516.00 | 191.14 | .00 | 191.60 | 25.18 | 7.90 | 10069.63 | 4686.75 |
| 60645.000 | 1350.00 | .00 | .00 | 177.17 | 4196.00 | 187.92 | .00 | 188.30 | 24.28 | 5.11 | 1172.87 | 851.50 |
| 60645.000 | 1350.00 | .00 | .00 | 177.17 | 8718.00 | 190.63 | .00 | 191.17 | 27.37 | 6.64 | 3021.40 | 1666.25 |
| 60645.000 | 1350.00 | .00 | .00 | 177.17 | 11929.00 | 191.76 | .03 | 192.39 | 30.43 | 7.50 | 4395.07 | 2162.31 |
| 60645.000 | 1350.00 | .00 | .00 | 177.17 | 23516.00 | 194.63 | .00 | 195.38 | 34.02 | 9.22 | 8615.37 | 4031.70 |
| 61285.000 | 640.00 | .00 | .00 | 178.60 | 4196.00 | 189.83 | .00 | 190.51 | 46.38 | 6.79 | 995.11 | 616.11 |
| 61285.000 | 640.00 | .00 | .00 | 178.60 | 8718.00 | 192.62 | .00 | 193.35 | 43.26 | 7.97 | 3238.73 | 1325.49 |
| 61285.000 | 640.00 | .00 | .00 | 178.60 | 11929.00 | 193.86 | .00 | 194.55 | 40.74 | 8.35 | 4958.79 | 1868.91 |
| 61285.000 | 640.00 | .00 | .00 | 178.60 | 23516.00 | 196.88 | .00 | 197.56 | 39.44 | 9.60 | 9479.84 | 3744.32 |
| 62182.000 | 897.10 | .00 | .00 | 180.52 | 4196.00 | 192.67 | .00 | 193.20 | 22.22 | 6.07 | 1044.91 | 590.17 |
| 62182.000 | 897.10 | .00 | .00 | 180.52 | 8718.00 | 195.54 | .00 | 196.32 | 28.74 | 8.12 | 2378.40 | 1626.14 |
| 62182.000 | 897.10 | .00 | .00 | 180.52 | 11929.00 | 196.76 | .00 | 197.65 | 32.44 | 9.14 | 3136.66 | 2094.39 |
| 62182.000 | 897.10 | .00 | .00 | 180.52 | 23516.00 | 199.82 | .00 | 200.99 | 41.15 | 11.68 | 5381.03 | 3665.74 |
| 62424.000 | 242.00 | .00 | .00 | 181.20 | 4196.00 | 193.22 | .00 | 193.77 | 24.30 | 6.14 | 1008.91 | 851.13 |
| 62424.000 | 242.00 | .00 | .00 | 181.20 | 8718.00 | 196.31 | .00 | 197.03 | 28.23 | 7.87 | 2432.15 | 1640.81 |
| 62424.000 | 242.00 | .00 | .00 | 181.20 | 11929.00 | 197.67 | .00 | 198.44 | 29.94 | 8.64 | 3289.69 | 2179.99 |
| 62424.000 | 242.00 | .00 | .00 | 181.20 | 23516.00 | 201.07 | .00 | 201.98 | 34.02 | 10.57 | 5851.57 | 4032.02 |
| 62425.000 | 1.00 | 189.87 | 208.00 | 181.20 | 4196.00 | 193.09 | .00 | 193.92 | 127.60 | 7.92 | 790.47 | 371.46 |
| 62425.000 | 1.00 | 189.87 | 208.00 | 181.20 | 8718.00 | 196.63 | .00 | 197.10 | 62.77 | 7.22 | 2447.02 | 1100.34 |
| 62425.000 | 1.00 | 189.87 | 208.00 | 181.20 | 11929.00 | 198.13 | .00 | 198.55 | 52.91 | 7.23 | 3426.82 | 1639.93 |
| 62425.000 | 1.00 | 189.87 | 208.00 | 181.20 | 23516.00 | 201.71 | .00 | 202.13 | 45.40 | 7.93 | 6230.55 | 3489.96 |

| SECTNO | XLCH | ELTRD | ELLC | ELHM | Q | CUSEL | CRKIS | EG | 10K'S | VCH | AREA | .01K |
|-----------|---------|--------|--------|--------|----------|--------|--------|--------|--------|-------|----------|---------|
| 62446.000 | 21.00 | 189.87 | 208.00 | 181.20 | 4196.00 | 193.84 | .00 | 194.29 | 117.40 | 6.16 | 1043.62 | 387.26 |
| 62446.000 | 21.00 | 189.87 | 208.00 | 181.20 | 8718.00 | 197.02 | .00 | 197.30 | 65.59 | 5.74 | 2693.44 | 1076.46 |
| 62446.000 | 21.00 | 189.87 | 208.00 | 181.20 | 11929.00 | 198.45 | .00 | 198.71 | 56.53 | 5.77 | 3653.41 | 1586.55 |
| 62446.000 | 21.00 | 189.87 | 208.00 | 181.20 | 23516.00 | 201.99 | .00 | 202.27 | 48.16 | 6.28 | 6476.88 | 3388.52 |
| 62447.000 | 1.00 | .00 | .00 | 181.20 | 4196.00 | 193.83 | .00 | 194.30 | 11.41 | 5.75 | 1216.77 | 1241.98 |
| 62447.000 | 1.00 | .00 | .00 | 181.20 | 8718.00 | 196.80 | .00 | 197.52 | 15.31 | 7.81 | 2730.11 | 2228.03 |
| 62447.000 | 1.00 | .00 | .00 | 181.20 | 11929.00 | 198.17 | .00 | 199.00 | 17.15 | 8.80 | 3630.59 | 2880.92 |
| 62447.000 | 1.00 | .00 | .00 | 181.20 | 23516.00 | 201.57 | .00 | 202.69 | 21.79 | 11.33 | 6284.70 | 5037.36 |
| 62506.000 | 59.60 | .00 | .00 | 181.92 | 4196.00 | 193.93 | .00 | 194.39 | 19.42 | 5.77 | 1165.69 | 952.16 |
| 62506.000 | 59.60 | .00 | .00 | 181.92 | 8718.00 | 197.09 | .00 | 197.67 | 21.81 | 7.26 | 2767.56 | 1866.50 |
| 62506.000 | 59.60 | .00 | .00 | 181.92 | 11929.00 | 198.58 | .00 | 199.19 | 22.47 | 7.88 | 3753.78 | 2516.72 |
| 62506.000 | 59.60 | .00 | .00 | 181.92 | 23516.00 | 202.26 | .00 | 202.96 | 24.52 | 9.50 | 6696.34 | 4749.25 |
| 63385.000 | 879.00 | .00 | .00 | 184.70 | 4196.00 | 195.83 | .00 | 196.20 | 21.90 | 6.05 | 2123.29 | 896.56 |
| 63385.000 | 879.00 | .00 | .00 | 184.70 | 8718.00 | 199.13 | .00 | 199.53 | 21.16 | 7.23 | 4362.04 | 1895.00 |
| 63385.000 | 879.00 | .00 | .00 | 184.70 | 11929.00 | 200.66 | .00 | 201.10 | 21.96 | 7.93 | 5715.82 | 2545.32 |
| 63385.000 | 879.00 | .00 | .00 | 184.70 | 23516.00 | 204.51 | .00 | 205.06 | 24.72 | 9.84 | 9580.77 | 4730.15 |
| 65615.000 | 2230.00 | .00 | .00 | 192.66 | 4196.00 | 201.69 | .00 | 202.18 | 33.69 | 6.29 | 1029.56 | 722.94 |
| 65615.000 | 2230.00 | .00 | .00 | 192.66 | 8718.00 | 204.48 | .00 | 205.01 | 30.79 | 7.45 | 3681.46 | 1571.21 |
| 65615.000 | 2230.00 | .00 | .00 | 192.66 | 11929.00 | 205.91 | .00 | 206.44 | 29.12 | 7.91 | 5716.02 | 2210.58 |
| 65615.000 | 2230.00 | .00 | .00 | 192.66 | 23516.00 | 209.77 | .00 | 210.34 | 26.73 | 9.18 | 11630.02 | 4548.05 |
| 65965.000 | 350.00 | .00 | .00 | 193.65 | 4196.00 | 202.90 | .00 | 203.76 | 48.76 | 7.62 | 697.68 | 600.91 |
| 65965.000 | 350.00 | .00 | .00 | 193.65 | 8718.00 | 205.64 | .00 | 206.47 | 41.36 | 8.64 | 2070.33 | 1355.58 |
| 65965.000 | 350.00 | .00 | .00 | 193.65 | 11929.00 | 207.04 | .00 | 207.70 | 33.38 | 8.66 | 3464.96 | 2084.79 |
| 65965.000 | 350.00 | .00 | .00 | 193.65 | 23516.00 | 210.90 | .00 | 211.27 | 19.20 | 7.77 | 8816.47 | 5366.98 |
| 66155.000 | 190.00 | .00 | .00 | 194.20 | 4196.00 | 203.73 | 201.15 | 204.74 | 59.70 | 8.32 | 791.91 | 583.59 |
| 66155.000 | 190.00 | .00 | .00 | 194.20 | 8718.00 | 206.30 | .00 | 207.20 | 43.20 | 9.22 | 2681.34 | 1326.45 |
| 66155.000 | 190.00 | .00 | .00 | 194.20 | 11929.00 | 207.51 | .00 | 208.31 | 38.93 | 9.43 | 4073.86 | 1911.77 |
| 66155.000 | 190.00 | .00 | .00 | 194.20 | 23516.00 | 211.13 | .00 | 211.61 | 24.10 | 8.90 | 9416.40 | 4790.37 |
| 66405.000 | 250.00 | .00 | .00 | 194.88 | 4196.00 | 205.12 | .00 | 205.46 | 19.94 | 5.83 | 1920.10 | 939.70 |
| 66405.000 | 250.00 | .00 | .00 | 194.88 | 8718.00 | 207.46 | .00 | 207.81 | 20.68 | 6.89 | 4211.82 | 1917.19 |
| 66405.000 | 250.00 | .00 | .00 | 194.88 | 11929.00 | 208.51 | .00 | 208.88 | 21.71 | 7.49 | 5653.03 | 2559.98 |
| 66405.000 | 250.00 | .00 | .00 | 194.88 | 23516.00 | 211.65 | .00 | 211.98 | 20.14 | 8.36 | 10525.43 | 5239.61 |
| 67675.000 | 1270.00 | .00 | .00 | 198.20 | 4196.00 | 207.65 | .00 | 207.80 | 20.68 | 4.75 | 2059.16 | 922.69 |
| 67675.000 | 1270.00 | .00 | .00 | 198.20 | 8718.00 | 209.79 | .00 | 209.95 | 17.67 | 5.26 | 3658.14 | 2073.71 |
| 67675.000 | 1270.00 | .00 | .00 | 198.20 | 11929.00 | 210.88 | .00 | 211.06 | 17.87 | 5.70 | 4540.80 | 2822.12 |
| 67675.000 | 1270.00 | .00 | .00 | 198.20 | 23516.00 | 213.86 | .00 | 214.08 | 18.22 | 6.83 | 7710.08 | 5509.20 |
| 69935.000 | 2260.00 | .00 | .00 | 206.70 | 3543.00 | 213.20 | .00 | 213.42 | 37.85 | 5.25 | 1733.67 | 575.89 |
| 69935.000 | 2260.00 | .00 | .00 | 206.70 | 7863.00 | 215.09 | .00 | 215.37 | 40.33 | 6.56 | 3334.60 | 1238.17 |
| 69935.000 | 2260.00 | .00 | .00 | 206.70 | 10761.00 | 216.04 | .00 | 216.34 | 39.06 | 7.08 | 4279.57 | 1721.76 |
| 69935.000 | 2260.00 | .00 | .00 | 206.70 | 21263.00 | 218.69 | .00 | 219.05 | 35.92 | 8.32 | 7190.85 | 3547.71 |

| SECNO | XLCH | ELTRD | ELLC | ELMIN | Q | CWSEL | CRWS | EG | 10K*S | VCH | AREA | .01K |
|-------------|---------|--------|--------|--------|----------|--------|--------|--------|--------|-------|---------|---------|
| 70208.000 | 273.25 | .00 | .00 | 207.85 | 3543.00 | 214.07 | .00 | 214.52 | 40.93 | 5.76 | 893.58 | 553.77 |
| 70208.000 | 273.25 | .00 | .00 | 207.85 | 7863.00 | 215.95 | .00 | 216.60 | 46.37 | 7.56 | 1682.80 | 1154.66 |
| 70208.000 | 273.25 | .00 | .00 | 207.85 | 10761.00 | 216.84 | .00 | 217.61 | 49.91 | 8.49 | 2081.35 | 1523.25 |
| 70208.000 | 273.25 | .00 | .00 | 207.85 | 21263.00 | 219.28 | .00 | 220.44 | 57.86 | 10.94 | 3275.81 | 2795.46 |
| 70630.000 | 420.60 | .00 | .00 | 207.85 | 3543.00 | 215.41 | .00 | 215.84 | 25.24 | 5.28 | 670.83 | 705.19 |
| 70630.000 | 420.60 | .00 | .00 | 207.85 | 7863.00 | 217.63 | .00 | 218.81 | 46.27 | 8.71 | 902.39 | 1155.98 |
| 70630.000 | 420.60 | .00 | .00 | 207.85 | 10761.00 | 218.65 | .00 | 220.06 | 51.29 | 9.88 | 1225.27 | 1502.60 |
| 70630.000 | 420.60 | .00 | .00 | 207.85 | 21263.00 | 221.27 | .00 | 224.26 | 82.30 | 14.67 | 1822.08 | 2343.81 |
| 70661.000 | 32.30 | 222.10 | 221.40 | 209.68 | 3543.00 | 215.54 | .00 | 216.47 | 108.39 | 7.72 | 459.06 | 340.30 |
| * 70661.000 | 32.30 | 222.10 | 221.40 | 209.68 | 7863.00 | 218.32 | .00 | 220.03 | 104.92 | 10.51 | 747.90 | 767.65 |
| * 70661.000 | 32.30 | 222.10 | 221.40 | 209.68 | 10761.00 | 221.11 | .00 | 222.34 | 53.18 | 9.32 | 1363.20 | 1475.61 |
| * 70661.000 | 32.30 | 222.10 | 221.40 | 209.68 | 21263.00 | 226.11 | .00 | 227.01 | 28.70 | 8.97 | 3533.74 | 3969.10 |
| 70766.000 | 104.40 | .00 | .00 | 210.22 | 3543.00 | 216.65 | .00 | 217.25 | 47.87 | 6.30 | 588.60 | 512.07 |
| 70766.000 | 104.40 | .00 | .00 | 210.22 | 7863.00 | 219.97 | .00 | 220.88 | 40.35 | 7.99 | 1216.54 | 1237.82 |
| 70766.000 | 104.40 | .00 | .00 | 210.22 | 10761.00 | 221.94 | .00 | 222.85 | 32.88 | 8.28 | 1747.22 | 1876.54 |
| 70766.000 | 104.40 | .00 | .00 | 210.22 | 21263.00 | 226.30 | .00 | 227.43 | 29.28 | 9.82 | 3199.91 | 3929.62 |
| 71225.000 | 459.00 | .00 | .00 | 211.11 | 3543.00 | 219.02 | .00 | 219.31 | 38.71 | 4.40 | 873.26 | 569.49 |
| 71225.000 | 459.00 | .00 | .00 | 211.11 | 7863.00 | 222.54 | .00 | 222.90 | 40.93 | 5.04 | 1928.91 | 1229.12 |
| 71225.000 | 459.00 | .00 | .00 | 211.11 | 10761.00 | 224.17 | .00 | 224.55 | 35.26 | 5.36 | 2709.64 | 1812.19 |
| 71225.000 | 459.00 | .00 | .00 | 211.11 | 21263.00 | 228.47 | .00 | 228.86 | 25.35 | 5.93 | 6626.32 | 4222.98 |
| 71785.000 | 560.00 | .00 | .00 | 214.60 | 3543.00 | 222.75 | .00 | 222.90 | 105.57 | 3.21 | 1154.97 | 344.82 |
| 71785.000 | 560.00 | .00 | .00 | 214.60 | 7863.00 | 225.46 | .00 | 225.63 | 56.45 | 3.45 | 2405.34 | 1046.56 |
| 71785.000 | 560.00 | .00 | .00 | 214.60 | 10761.00 | 226.73 | .00 | 226.91 | 48.96 | 3.65 | 3303.94 | 1537.96 |
| 71785.000 | 560.00 | .00 | .00 | 214.60 | 21263.00 | 230.21 | .00 | 230.36 | 27.92 | 3.57 | 7551.40 | 4023.94 |
| 72165.000 | 380.00 | .00 | .00 | 215.28 | 3543.00 | 224.19 | .00 | 224.29 | 22.82 | 2.70 | 1444.89 | 741.71 |
| 72165.000 | 380.00 | .00 | .00 | 215.28 | 7863.00 | 226.76 | .00 | 226.94 | 26.55 | 3.69 | 2680.20 | 1526.14 |
| 72165.000 | 380.00 | .00 | .00 | 215.28 | 10761.00 | 227.97 | .00 | 228.18 | 27.36 | 4.09 | 3540.19 | 2057.10 |
| 72165.000 | 380.00 | .00 | .00 | 215.28 | 21263.00 | 231.08 | .00 | 231.32 | 25.86 | 4.79 | 6785.54 | 4180.93 |
| 72490.000 | 325.00 | .00 | .00 | 215.96 | 3543.00 | 225.08 | .00 | 225.96 | 87.05 | 7.53 | 475.20 | 379.75 |
| 72490.000 | 325.00 | .00 | .00 | 215.96 | 7863.00 | 227.43 | .00 | 229.02 | 103.73 | 10.35 | 879.17 | 772.03 |
| 72490.000 | 325.00 | .00 | .00 | 215.96 | 10761.00 | 228.48 | .00 | 230.41 | 110.64 | 11.65 | 1135.24 | 1023.06 |
| * 72490.000 | 325.00 | .00 | .00 | 215.96 | 21263.00 | 231.42 | 231.42 | 233.82 | 103.91 | 13.93 | 2560.75 | 2085.91 |
| 73565.000 | 1075.00 | .00 | .00 | 222.13 | 3543.00 | 231.43 | .00 | 232.02 | 41.43 | 6.25 | 592.32 | 550.47 |
| 73565.000 | 1075.00 | .00 | .00 | 222.13 | 7863.00 | 234.67 | .00 | 235.72 | 43.88 | 8.44 | 1082.22 | 1186.98 |
| 73565.000 | 1075.00 | .00 | .00 | 222.13 | 10761.00 | 236.19 | .00 | 237.51 | 46.24 | 9.62 | 1347.61 | 1582.44 |
| 73565.000 | 1075.00 | .00 | .00 | 222.13 | 21263.00 | 239.72 | .00 | 242.14 | 60.60 | 13.35 | 2050.94 | 2731.33 |
| 74075.000 | 510.00 | .00 | .00 | 226.29 | 3543.00 | 234.03 | .00 | 234.87 | 67.54 | 7.38 | 480.29 | 431.11 |
| 74075.000 | 510.00 | .00 | .00 | 226.29 | 7863.00 | 237.28 | .00 | 238.77 | 70.76 | 9.80 | 807.71 | 934.77 |
| 74075.000 | 510.00 | .00 | .00 | 226.29 | 10761.00 | 238.82 | .00 | 240.75 | 73.94 | 11.17 | 982.50 | 1251.44 |
| 74075.000 | 510.00 | .00 | .00 | 226.29 | 21263.00 | 242.75 | .00 | 246.29 | 89.58 | 15.24 | 1485.35 | 2246.57 |

| SECNO | XLCH | ELTRD | ELLC | ELMIN | Q | CUSEL | CRIVS | EG | 10K'S | VCH | AREA | .01K |
|-------------|--------|--------|--------|--------|----------|--------|--------|--------|--------|-------|---------|---------|
| 74238.000 | 163.00 | .00 | .00 | 224.93 | 3543.00 | 235.00 | .00 | 236.65 | 105.20 | 10.41 | 371.36 | 345.44 |
| 74238.000 | 163.00 | .00 | .00 | 224.93 | 7863.00 | 238.16 | 238.06 | 241.09 | 136.80 | 14.69 | 720.11 | 672.26 |
| * 74238.000 | 163.00 | .00 | .00 | 224.93 | 10761.00 | 240.01 | 240.01 | 243.01 | 125.99 | 15.56 | 1037.04 | 958.70 |
| 74238.000 | 163.00 | .00 | .00 | 224.93 | 21263.00 | 245.33 | .00 | 247.99 | 87.49 | 16.20 | 2130.04 | 2273.28 |
| * 74239.000 | 1.00 | 232.90 | 260.00 | 224.93 | 3543.00 | 235.86 | 235.86 | 237.94 | 338.83 | 12.05 | 343.74 | 192.18 |
| * 74239.000 | 1.00 | 232.90 | 260.00 | 224.93 | 7863.00 | 238.87 | 238.87 | 241.37 | 293.34 | 14.33 | 729.95 | 459.10 |
| * 74239.000 | 1.00 | 232.90 | 260.00 | 224.93 | 10761.00 | 242.28 | 240.51 | 243.55 | 112.06 | 10.82 | 1387.02 | 1016.53 |
| 74239.000 | 1.00 | 232.90 | 260.00 | 224.93 | 21263.00 | 246.70 | .00 | 248.31 | 99.91 | 12.39 | 2331.18 | 2127.21 |
| 74251.000 | 12.00 | 232.90 | 260.00 | 224.93 | 3543.00 | 237.62 | .00 | 238.51 | 116.82 | 8.26 | 542.53 | 327.80 |
| 74251.000 | 12.00 | 232.90 | 260.00 | 224.93 | 7863.00 | 240.88 | 238.87 | 241.98 | 109.64 | 9.93 | 1105.44 | 750.93 |
| 74251.000 | 12.00 | 232.90 | 260.00 | 224.93 | 10761.00 | 242.54 | .00 | 243.70 | 100.80 | 10.40 | 1441.44 | 1071.84 |
| 74251.000 | 12.00 | 232.90 | 260.00 | 224.93 | 21263.00 | 246.90 | .00 | 248.45 | 94.51 | 12.14 | 2376.37 | 2187.15 |
| 74252.000 | 1.00 | .00 | .00 | 224.93 | 3543.00 | 237.94 | .00 | 238.58 | 31.65 | 6.84 | 688.30 | 629.81 |
| 74252.000 | 1.00 | .00 | .00 | 224.93 | 7863.00 | 240.82 | .00 | 242.06 | 52.08 | 10.19 | 1194.51 | 1089.61 |
| 74252.000 | 1.00 | .00 | .00 | 224.93 | 10761.00 | 242.41 | .00 | 243.85 | 56.14 | 11.36 | 1514.99 | 1436.21 |
| 74252.000 | 1.00 | .00 | .00 | 224.93 | 21263.00 | 246.65 | .00 | 248.71 | 65.65 | 14.39 | 2422.31 | 2624.22 |
| 74291.000 | 38.60 | .00 | .00 | 225.25 | 3543.00 | 238.05 | .00 | 238.71 | 29.05 | 6.94 | 663.47 | 657.39 |
| 74291.000 | 38.60 | .00 | .00 | 225.25 | 7863.00 | 241.00 | .00 | 242.26 | 46.24 | 10.23 | 1172.93 | 1156.29 |
| 74291.000 | 38.60 | .00 | .00 | 225.25 | 10761.00 | 242.61 | .00 | 244.06 | 49.38 | 11.35 | 1495.70 | 1531.42 |
| 74291.000 | 38.60 | .00 | .00 | 225.25 | 21263.00 | 246.88 | .00 | 248.95 | 56.74 | 14.27 | 2407.99 | 2822.81 |

YADKIN RIVER

SUMMARY PRINTOUT TABLE 150

| SECHO | Q | CWSEL | DIFWSP | DIFWSX | DIFKWS | TOPWID | XLCH |
|-------------|----------|--------|--------|--------|--------|---------|---------|
| 47010.000 | 8291.00 | 152.26 | .00 | .00 | -2.74 | 746.18 | .00 |
| 47010.000 | 18584.00 | 155.56 | 3.30 | .00 | .56 | 1181.27 | .00 |
| 47010.000 | 25026.00 | 157.00 | 1.44 | .00 | 2.00 | 1752.50 | .00 |
| 47010.000 | 50357.00 | 160.87 | 3.87 | .00 | 5.87 | 1895.40 | .00 |
| 47935.000 | 8291.00 | 154.97 | .00 | 2.71 | .00 | 1445.24 | 925.00 |
| 47935.000 | 18584.00 | 158.02 | 3.05 | 2.47 | .00 | 2891.81 | 925.00 |
| 47935.000 | 25026.00 | 159.33 | 1.31 | 2.33 | .00 | 2966.41 | 925.00 |
| 47935.000 | 50357.00 | 163.08 | 3.75 | 2.21 | .00 | 3427.95 | 925.00 |
| 48377.000 | 8291.00 | 155.53 | .00 | .56 | .00 | 2928.98 | 441.52 |
| 48377.000 | 18584.00 | 158.46 | 2.93 | .44 | .00 | 3212.94 | 441.52 |
| 48377.000 | 25026.00 | 159.78 | 1.32 | .45 | .00 | 3257.02 | 441.52 |
| 48377.000 | 50357.00 | 163.59 | 3.81 | .51 | .00 | 3308.85 | 441.52 |
| * 48922.000 | 8291.00 | 156.19 | .00 | .65 | .00 | 106.00 | 544.60 |
| * 48922.000 | 18584.00 | 158.97 | 2.78 | .50 | .00 | 952.03 | 544.60 |
| 48922.000 | 25026.00 | 160.18 | 1.21 | .40 | .00 | 1525.45 | 544.60 |
| 48922.000 | 50357.00 | 164.02 | 3.85 | .44 | .00 | 1666.60 | 544.60 |
| * 48949.000 | 3941.00 | 157.25 | .00 | 1.06 | .00 | 796.63 | 27.75 |
| 48949.000 | 8741.00 | 159.35 | 2.10 | .38 | .00 | 1424.03 | 27.75 |
| 48949.000 | 11900.00 | 160.46 | 1.11 | .28 | .00 | 1535.78 | 27.75 |
| 48949.000 | 23674.00 | 164.24 | 3.79 | .22 | .00 | 1668.53 | 27.75 |
| 49084.000 | 3941.00 | 157.27 | .00 | .02 | .00 | 432.26 | 135.40 |
| 49084.000 | 8741.00 | 159.38 | 2.11 | .03 | .00 | 1326.68 | 135.40 |
| 49084.000 | 11900.00 | 160.50 | 1.11 | .04 | .00 | 1489.05 | 135.40 |
| 49084.000 | 23674.00 | 164.28 | 3.79 | .04 | .00 | 1650.99 | 135.40 |
| 50145.000 | 3941.00 | 158.61 | .00 | 1.34 | .00 | 394.38 | 1166.00 |
| 50145.000 | 8741.00 | 161.53 | 2.91 | 2.14 | .00 | 1412.31 | 1166.00 |
| 50145.000 | 11900.00 | 162.43 | .90 | 1.93 | .00 | 1423.06 | 1166.00 |
| 50145.000 | 23674.00 | 165.52 | 3.09 | 1.24 | .00 | 1476.24 | 1166.00 |
| 52015.000 | 3941.00 | 165.11 | .00 | 6.49 | .00 | 1018.08 | 1870.00 |
| 52015.000 | 8741.00 | 166.89 | 1.78 | 5.36 | .00 | 1659.81 | 1870.00 |
| 52015.000 | 11900.00 | 167.62 | .73 | 5.19 | .00 | 1758.69 | 1870.00 |
| 52015.000 | 23674.00 | 169.67 | 2.05 | 4.14 | .00 | 1870.38 | 1870.00 |
| 52995.000 | 3941.00 | 166.64 | .00 | 1.53 | .00 | 1681.11 | 980.00 |
| 52995.000 | 8741.00 | 168.60 | 1.96 | 1.71 | .00 | 1868.75 | 980.00 |
| 52995.000 | 11900.00 | 169.45 | .85 | 1.83 | .00 | 1874.04 | 980.00 |
| 52995.000 | 23674.00 | 171.75 | 2.30 | 2.08 | .00 | 1888.41 | 980.00 |

02-26-86

00:49:24

PAGE 87

| SECNO | Q | CWSEL | DIFWSP | DIFWSX | DIFKWS | TOPWID | XLCH |
|-----------|----------|--------|--------|--------|--------|---------|---------|
| 53815.000 | 3941.00 | 168.09 | .00 | 1.46 | .00 | 607.49 | 820.00 |
| 53815.000 | 8741.00 | 170.27 | 2.17 | 1.67 | .00 | 1030.93 | 820.00 |
| 53815.000 | 11900.00 | 171.24 | .97 | 1.79 | .00 | 1151.15 | 820.00 |
| 53815.000 | 23674.00 | 173.84 | 2.60 | 2.10 | .00 | 1343.89 | 820.00 |
| 55015.000 | 3941.00 | 171.85 | .00 | 3.75 | .00 | 715.00 | 1200.00 |
| 55015.000 | 8741.00 | 174.35 | 2.50 | 4.08 | .00 | 1266.16 | 1200.00 |
| 55015.000 | 11900.00 | 175.47 | 1.12 | 4.23 | .00 | 1489.59 | 1200.00 |
| 55015.000 | 23674.00 | 178.32 | 2.85 | 4.48 | .00 | 2089.77 | 1200.00 |
| 55555.000 | 3941.00 | 174.32 | .00 | 2.47 | .00 | 1120.70 | 540.00 |
| 55555.000 | 8741.00 | 176.63 | 2.31 | 2.28 | .00 | 1881.43 | 540.00 |
| 55555.000 | 11900.00 | 177.67 | 1.04 | 2.20 | .00 | 2091.33 | 540.00 |
| 55555.000 | 23674.00 | 180.39 | 2.71 | 2.07 | .00 | 2455.49 | 540.00 |
| 57175.000 | 3941.00 | 177.94 | .00 | 3.62 | .00 | 1754.02 | 1620.00 |
| 57175.000 | 8741.00 | 180.61 | 2.67 | 3.98 | .00 | 1960.57 | 1620.00 |
| 57175.000 | 11900.00 | 181.75 | 1.13 | 4.08 | .00 | 2062.42 | 1620.00 |
| 57175.000 | 23674.00 | 184.81 | 3.06 | 4.43 | .00 | 2352.23 | 1620.00 |
| 57855.000 | 3941.00 | 179.14 | .00 | 1.20 | .00 | 496.49 | 680.00 |
| 57855.000 | 8741.00 | 181.97 | 2.83 | 1.36 | .00 | 1224.82 | 680.00 |
| 57855.000 | 11900.00 | 183.21 | 1.24 | 1.46 | .00 | 1575.72 | 680.00 |
| 57855.000 | 23674.00 | 186.51 | 3.30 | 1.70 | .00 | 1862.80 | 680.00 |
| 57865.000 | 3941.00 | 179.17 | .00 | .03 | .00 | 491.95 | 10.00 |
| 57865.000 | 8741.00 | 182.09 | 2.92 | .12 | .00 | 1245.82 | 10.00 |
| 57865.000 | 11900.00 | 183.40 | 1.31 | .19 | .00 | 1619.52 | 10.00 |
| 57865.000 | 23674.00 | 186.90 | 3.50 | .39 | .00 | 1871.54 | 10.00 |
| 58695.000 | 4196.00 | 181.65 | .00 | 2.48 | .00 | 311.45 | 840.00 |
| 58695.000 | 8718.00 | 184.32 | 2.67 | 2.23 | .00 | 1042.82 | 840.00 |
| 58695.000 | 11929.00 | 185.48 | 1.16 | 2.08 | .00 | 1122.93 | 840.00 |
| 58695.000 | 23516.00 | 188.62 | 3.14 | 1.72 | .00 | 1268.96 | 840.00 |
| 58934.000 | 4196.00 | 182.44 | .00 | .79 | .00 | 281.67 | 239.00 |
| 58934.000 | 8718.00 | 185.14 | 2.70 | .82 | .00 | 1029.13 | 239.00 |
| 58934.000 | 11929.00 | 186.34 | 1.20 | .85 | .00 | 1111.50 | 239.00 |
| 58934.000 | 23516.00 | 189.51 | 3.18 | .89 | .00 | 1765.50 | 239.00 |
| 58935.000 | 4196.00 | 182.91 | .00 | .47 | .00 | 843.50 | 1.00 |
| 58935.000 | 8718.00 | 185.89 | 2.98 | .75 | .00 | 1077.24 | 1.00 |
| 58935.000 | 11929.00 | 187.11 | 1.22 | .78 | .00 | 1161.97 | 1.00 |
| 58935.000 | 23516.00 | 190.31 | 3.20 | .80 | .00 | 1286.30 | 1.00 |
| 58955.000 | 4196.00 | 183.05 | .00 | .15 | .00 | 857.53 | 20.00 |
| 58955.000 | 8718.00 | 135.96 | 2.90 | .07 | .00 | 1082.09 | 20.00 |
| 58955.000 | 11929.00 | 187.18 | 1.22 | .07 | .00 | 1166.25 | 20.00 |
| 58955.000 | 23516.00 | 190.39 | 3.21 | .07 | .00 | 1288.19 | 20.00 |

| SECNO | Q | CWSEL | DIFWSP | DIFWSX | DIFKWS | TOPWID | XLCH |
|-----------|----------|--------|--------|--------|--------|---------|---------|
| 58956.000 | 4196.00 | 182.94 | .00 | -.11 | .00 | 642.47 | 1.00 |
| 58956.000 | 8718.00 | 185.82 | 2.88 | -.14 | .00 | 1072.44 | 1.00 |
| 58956.000 | 11929.00 | 187.03 | 1.21 | -.15 | .00 | 1155.64 | 1.00 |
| 58956.000 | 23516.00 | 190.21 | 3.18 | -.19 | .00 | 1283.17 | 1.00 |
| 59015.000 | 4196.00 | 183.39 | .00 | .45 | .00 | 850.84 | 59.00 |
| 59015.000 | 8718.00 | 186.21 | 2.82 | .39 | .00 | 1071.30 | 59.00 |
| 59015.000 | 11929.00 | 187.42 | 1.21 | .40 | .00 | 1154.76 | 59.00 |
| 59015.000 | 23516.00 | 190.60 | 3.17 | .39 | .00 | 1282.65 | 59.00 |
| 59295.000 | 4196.00 | 183.78 | .00 | .39 | .00 | 243.82 | 280.00 |
| 59295.000 | 8718.00 | 186.56 | 2.78 | .35 | .00 | 1289.05 | 280.00 |
| 59295.000 | 11929.00 | 187.83 | 1.26 | .40 | .00 | 1444.02 | 280.00 |
| 59295.000 | 23516.00 | 191.14 | 3.31 | .55 | .00 | 1688.95 | 280.00 |
| 60645.000 | 4196.00 | 187.92 | .00 | 4.14 | .00 | 310.70 | 1350.00 |
| 60645.000 | 8718.00 | 190.63 | 2.71 | 4.07 | .00 | 1065.02 | 1350.00 |
| 60645.000 | 11929.00 | 191.76 | 1.13 | 3.93 | .00 | 1379.68 | 1350.00 |
| 60645.000 | 23516.00 | 194.63 | 2.87 | 3.48 | .00 | 1492.69 | 1350.00 |
| 61285.000 | 4196.00 | 189.83 | .00 | 1.91 | .00 | 445.33 | 640.00 |
| 61285.000 | 8718.00 | 192.62 | 2.79 | 1.99 | .00 | 1261.71 | 640.00 |
| 61285.000 | 11929.00 | 193.86 | 1.24 | 2.10 | .00 | 1427.84 | 640.00 |
| 61285.000 | 23516.00 | 196.88 | 3.01 | 2.25 | .00 | 1619.49 | 640.00 |
| 62182.000 | 4196.00 | 192.67 | .00 | 2.84 | .00 | 324.44 | 897.10 |
| 62182.000 | 8718.00 | 195.54 | 2.87 | 2.92 | .00 | 591.89 | 897.10 |
| 62182.000 | 11929.00 | 196.76 | 1.22 | 2.90 | .00 | 654.26 | 897.10 |
| 62182.000 | 23516.00 | 199.82 | 3.06 | 2.94 | .00 | 812.16 | 897.10 |
| 62424.000 | 4196.00 | 193.22 | .00 | .56 | .00 | 313.54 | 242.00 |
| 62424.000 | 8718.00 | 196.31 | 3.09 | .77 | .00 | 596.52 | 242.00 |
| 62424.000 | 11929.00 | 197.67 | 1.36 | .91 | .00 | 666.13 | 242.00 |
| 62424.000 | 23516.00 | 201.07 | 3.40 | 1.25 | .00 | 842.37 | 242.00 |
| 62425.000 | 4196.00 | 193.09 | .00 | -.14 | .00 | 300.17 | 1.00 |
| 62425.000 | 8718.00 | 196.63 | 3.54 | .32 | .00 | 612.69 | 1.00 |
| 62425.000 | 11929.00 | 198.13 | 1.50 | .46 | .00 | 689.81 | 1.00 |
| 62425.000 | 23516.00 | 201.71 | 3.58 | .65 | .00 | 876.68 | 1.00 |
| 62446.000 | 4196.00 | 193.84 | .00 | .76 | .00 | 372.61 | 21.00 |
| 62446.000 | 8718.00 | 197.02 | 3.18 | .39 | .00 | 632.97 | 21.00 |
| 62446.000 | 11929.00 | 198.45 | 1.44 | .32 | .00 | 706.44 | 21.00 |
| 62446.000 | 23516.00 | 201.99 | 3.54 | .28 | .00 | 891.49 | 21.00 |
| 62447.000 | 4196.00 | 193.83 | .00 | -.01 | .00 | 371.92 | 1.00 |
| 62447.000 | 8718.00 | 196.80 | 2.97 | -.22 | .00 | 621.59 | 1.00 |
| 62447.000 | 11929.00 | 198.17 | 1.37 | -.28 | .00 | 691.86 | 1.00 |
| 62447.000 | 23516.00 | 201.57 | 3.40 | -.42 | .00 | 869.26 | 1.00 |

02-26-86 00:49:24

| SECNO | Q | CWSEL | DIFNSP | DIFNSX | DIFKWS | TOPWID | XLCH |
|-----------|----------|--------|--------|--------|--------|---------|---------|
| 62506.000 | 4196.00 | 193.93 | .00 | .10 | .00 | 360.35 | 59.60 |
| 62506.000 | 8718.00 | 197.09 | 3.16 | .29 | .00 | 625.25 | 59.60 |
| 62506.000 | 11929.00 | 198.58 | 1.49 | .41 | .00 | 701.45 | 59.60 |
| 62506.000 | 23516.00 | 202.26 | 3.69 | .69 | .00 | 894.48 | 59.60 |
| 63385.000 | 4196.00 | 195.83 | .00 | 1.90 | .00 | 549.06 | 879.00 |
| 63385.000 | 8718.00 | 199.13 | 3.30 | 2.04 | .00 | 821.06 | 879.00 |
| 63385.000 | 11929.00 | 200.66 | 1.53 | 2.08 | .00 | 926.29 | 879.00 |
| 63385.000 | 23516.00 | 204.51 | 3.85 | 2.25 | .00 | 1076.35 | 879.00 |
| 65615.000 | 4196.00 | 201.69 | .00 | 5.85 | .00 | 292.46 | 2230.00 |
| 65615.000 | 8718.00 | 204.48 | 2.80 | 5.35 | .00 | 1403.08 | 2230.00 |
| 65615.000 | 11929.00 | 205.91 | 1.42 | 5.25 | .00 | 1456.44 | 2230.00 |
| 65615.000 | 23516.00 | 209.77 | 3.87 | 5.26 | .00 | 1605.83 | 2230.00 |
| 65965.000 | 4196.00 | 202.90 | .00 | 1.21 | .00 | 250.93 | 350.00 |
| 65965.000 | 8718.00 | 205.64 | 2.74 | 1.15 | .00 | 854.30 | 350.00 |
| 65965.000 | 11929.00 | 207.04 | 1.40 | 1.13 | .00 | 1133.74 | 350.00 |
| 65965.000 | 23516.00 | 210.90 | 3.86 | 1.13 | .00 | 1549.88 | 350.00 |
| 66155.000 | 4196.00 | 203.73 | .00 | .83 | .00 | 427.23 | 190.00 |
| 66155.000 | 8718.00 | 206.30 | 2.57 | .66 | .00 | 1019.44 | 190.00 |
| 66155.000 | 11929.00 | 207.51 | 1.21 | .48 | .00 | 1273.49 | 190.00 |
| 66155.000 | 23516.00 | 211.13 | 3.62 | .23 | .00 | 1625.61 | 190.00 |
| 66405.000 | 4196.00 | 205.12 | .00 | 1.39 | .00 | 699.35 | 250.00 |
| 66405.000 | 8718.00 | 207.46 | 2.34 | 1.16 | .00 | 1260.60 | 250.00 |
| 66405.000 | 11929.00 | 208.51 | 1.05 | 1.00 | .00 | 1431.21 | 250.00 |
| 66405.000 | 23516.00 | 211.65 | 3.13 | .51 | .00 | 1681.65 | 250.00 |
| 67675.000 | 4196.00 | 207.65 | .00 | 2.53 | .00 | 711.74 | 1270.00 |
| 67675.000 | 8718.00 | 209.79 | 2.14 | 2.34 | .00 | 788.41 | 1270.00 |
| 67675.000 | 11929.00 | 210.88 | 1.09 | 2.37 | .00 | 831.20 | 1270.00 |
| 67675.000 | 23516.00 | 213.86 | 2.97 | 2.21 | .00 | 1133.38 | 1270.00 |
| 69935.000 | 3543.00 | 213.20 | .00 | 5.55 | .00 | 736.67 | 2260.00 |
| 69935.000 | 7863.00 | 215.09 | 1.89 | 5.30 | .00 | 926.61 | 2260.00 |
| 69935.000 | 10761.00 | 216.04 | .95 | 5.15 | .00 | 1045.12 | 2260.00 |
| 69935.000 | 21263.00 | 218.69 | 2.65 | 4.83 | .00 | 1177.14 | 2260.00 |
| 70208.000 | 3543.00 | 214.07 | .00 | .87 | .00 | 393.71 | 273.25 |
| 70208.000 | 7863.00 | 215.95 | 1.88 | .86 | .00 | 438.78 | 273.25 |
| 70208.000 | 10761.00 | 216.84 | .89 | .80 | .00 | 455.71 | 273.25 |
| 70208.000 | 21263.00 | 219.28 | 2.44 | .60 | .00 | 545.27 | 273.25 |
| 70630.000 | 3543.00 | 215.41 | .00 | 1.34 | .00 | 104.01 | 420.60 |
| 70630.000 | 7863.00 | 217.63 | 2.23 | 1.68 | .00 | 104.01 | 420.60 |
| 70630.000 | 10761.00 | 218.65 | 1.01 | 1.81 | .00 | 170.81 | 420.60 |
| 70630.000 | 21263.00 | 221.27 | 2.62 | 1.99 | .00 | 285.30 | 420.60 |

| SECNO | Q | CWSEL | DIFWSP | DIFWSX | DIFKWS | TOPWID | XLCH |
|-------------|----------|--------|--------|--------|--------|---------|---------|
| 70661.000 | 3543.00 | 215.54 | .00 | .14 | .00 | 104.02 | 32.30 |
| * 70661.000 | 7863.00 | 218.32 | 2.78 | .69 | .00 | 104.02 | 32.30 |
| * 70661.000 | 10761.00 | 221.11 | 2.79 | 2.46 | .00 | 181.10 | 32.30 |
| * 70661.000 | 21263.00 | 226.11 | 5.01 | 4.84 | .00 | 391.87 | 32.30 |
| 70766.000 | 3543.00 | 216.65 | .00 | 1.10 | .00 | 135.27 | 104.40 |
| 70766.000 | 7863.00 | 219.97 | 3.32 | 1.65 | .00 | 243.10 | 104.40 |
| 70766.000 | 10761.00 | 221.94 | 1.97 | .83 | .00 | 290.94 | 104.40 |
| 70766.000 | 21263.00 | 226.30 | 4.36 | .18 | .00 | 366.26 | 104.40 |
| 71225.000 | 3543.00 | 219.02 | .00 | 2.37 | .00 | 186.68 | 459.00 |
| 71225.000 | 7863.00 | 222.54 | 3.53 | 2.57 | .00 | 429.04 | 459.00 |
| 71225.000 | 10761.00 | 224.17 | 1.63 | 2.23 | .00 | 548.68 | 459.00 |
| 71225.000 | 21263.00 | 228.47 | 4.30 | 2.17 | .00 | 1204.71 | 459.00 |
| 71785.000 | 3543.00 | 222.75 | .00 | 3.73 | .00 | 408.97 | 560.00 |
| 71785.000 | 7863.00 | 225.46 | 2.71 | 2.91 | .00 | 506.72 | 560.00 |
| 71785.000 | 10761.00 | 226.73 | 1.28 | 2.56 | .00 | 943.25 | 560.00 |
| 71765.000 | 21263.00 | 230.21 | 3.48 | 1.74 | .00 | 1356.50 | 560.00 |
| 72165.000 | 3543.00 | 224.19 | .00 | 1.44 | .00 | 332.21 | 380.00 |
| 72165.000 | 7863.00 | 226.76 | 2.57 | 1.30 | .00 | 632.98 | 380.00 |
| 72165.000 | 10761.00 | 227.97 | 1.21 | 1.23 | .00 | 776.37 | 380.00 |
| 72165.000 | 21263.00 | 231.08 | 3.11 | .87 | .00 | 1311.40 | 380.00 |
| 72490.000 | 3543.00 | 225.08 | .00 | .89 | .00 | 121.93 | 325.00 |
| 72490.000 | 7863.00 | 227.43 | 2.35 | .67 | .00 | 219.33 | 325.00 |
| 72490.000 | 10761.00 | 228.48 | 1.05 | .51 | .00 | 267.74 | 325.00 |
| * 72490.000 | 21263.00 | 231.42 | 2.94 | .34 | .00 | 864.28 | 325.00 |
| 73565.000 | 3543.00 | 231.43 | .00 | 6.35 | .00 | 121.14 | 1075.00 |
| 73565.000 | 7863.00 | 234.67 | 3.25 | 7.25 | .00 | 168.47 | 1075.00 |
| 73565.000 | 10761.00 | 236.19 | 1.52 | 7.71 | .00 | 181.97 | 1075.00 |
| 73565.000 | 21263.00 | 239.72 | 3.53 | 8.30 | .00 | 217.21 | 1075.00 |
| 74075.000 | 3543.00 | 234.03 | .00 | 2.60 | .00 | 91.61 | 510.00 |
| 74075.000 | 7863.00 | 237.28 | 3.25 | 2.60 | .00 | 109.22 | 510.00 |
| 74075.000 | 10761.00 | 238.82 | 1.55 | 2.63 | .00 | 117.01 | 510.00 |
| 74075.000 | 21263.00 | 242.75 | 3.93 | 3.03 | .00 | 146.68 | 510.00 |
| 74238.000 | 3543.00 | 235.00 | .00 | .97 | .00 | 76.58 | 163.00 |
| 74238.000 | 7863.00 | 238.16 | 3.17 | .89 | .00 | 148.45 | 163.00 |
| * 74238.000 | 10761.00 | 240.01 | 1.85 | 1.19 | .00 | 194.16 | 163.00 |
| 74238.000 | 21263.00 | 245.33 | 5.32 | 2.58 | .00 | 217.75 | 163.00 |
| * 74239.000 | 3543.00 | 235.86 | .00 | .86 | .00 | 92.07 | 1.00 |
| * 74239.000 | 7863.00 | 238.87 | 3.01 | .70 | .00 | 165.89 | 1.00 |
| 74239.000 | 10761.00 | 242.28 | 3.42 | 2.27 | .00 | 203.78 | 1.00 |
| 74239.000 | 21263.00 | 246.70 | 4.41 | 1.36 | .00 | 224.57 | 1.00 |

| SECHO | Q | CHSEL | DIFMSP | DIFHSK | DIFKVS | TOPUID | XLCH |
|-----------|----------|--------|--------|--------|--------|--------|-------|
| 74251.000 | 3543.00 | 237.62 | .00 | 1.76 | .00 | 134.87 | 12.00 |
| 74251.000 | 7863.00 | 240.88 | 3.26 | 2.01 | .00 | 197.82 | 12.00 |
| 74251.000 | 10761.00 | 242.54 | 1.66 | .26 | .00 | 204.91 | 12.00 |
| 74251.000 | 21263.00 | 246.90 | 4.35 | .20 | .00 | 225.58 | 12.00 |
| 74252.000 | 3543.00 | 237.94 | .00 | .32 | .00 | 143.02 | 1.00 |
| 74252.000 | 7863.00 | 240.82 | 2.87 | -.06 | .00 | 197.57 | 1.00 |
| 74252.000 | 10761.00 | 242.41 | 1.59 | -.13 | .00 | 204.35 | 1.00 |
| 74252.000 | 21263.00 | 246.65 | 4.24 | -.24 | .00 | 224.36 | 1.00 |
| 74291.000 | 3543.00 | 238.05 | .00 | .10 | .00 | 137.57 | 38.60 |
| 74291.000 | 7863.00 | 241.00 | 2.95 | .12 | .00 | 196.98 | 38.60 |
| 74291.000 | 10761.00 | 242.61 | 1.61 | -.19 | .00 | 203.83 | 38.60 |
| 74291.000 | 21263.00 | 246.88 | 4.27 | .23 | .00 | 223.91 | 38.60 |

| | | | | | | | | | | |
|----|-------|------|----------|------|----------|------|----------|--------|----------|------|
| NC | .100 | .100 | .050 | .100 | .300 | .000 | .000 | .000 | .000 | .000 |
| NH | 4.000 | .120 | 5085.000 | .050 | 5170.000 | .060 | 5400.000 | .120 | 5735.000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 86.200 | .000 | .000 |

CROSS SECTION YH-5

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 74975.000 | 20.000 | 5085.000 | 5170.000 | 573.000 | 598.000 | 629.000 | .000 | .000 | .000 |
| GR | 260.000 | 5000.000 | 252.000 | 5035.000 | 248.000 | 5050.000 | 244.000 | 5065.000 | 240.000 | 5085.000 |
| GR | 233.490 | 5100.000 | 231.830 | 5101.000 | 231.640 | 5106.000 | 230.950 | 5111.000 | 231.170 | 5121.000 |
| GR | 230.370 | 5131.000 | 230.410 | 5141.000 | 231.690 | 5151.000 | 233.590 | 5160.000 | 240.000 | 5170.000 |
| GR | 244.000 | 5180.000 | 248.000 | 5400.000 | 252.000 | 5500.000 | 256.000 | 5560.000 | 260.000 | 5735.000 |
| NH | 3.000 | .120 | 5091.000 | .043 | 5177.810 | .200 | 5297.810 | .000 | .000 | .000 |

CROSS SECTION YH-6

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 75035.000 | 18.000 | 5091.000 | 5177.810 | 10.000 | 10.000 | 75.000 | .000 | .000 | .000 |
| GR | 260.000 | 5000.000 | 256.000 | 5018.000 | 252.000 | 5026.000 | 249.020 | 5036.000 | 245.880 | 5046.000 |
| GR | 243.860 | 5066.000 | 241.700 | 5091.000 | 233.560 | 5106.000 | 230.540 | 5116.000 | 230.950 | 5126.000 |
| GR | 231.810 | 5136.000 | 231.300 | 5146.000 | 231.760 | 5156.000 | 233.480 | 5168.000 | 237.010 | 5173.000 |
| GR | 237.580 | 5177.800 | 262.580 | 5177.810 | 262.580 | 5297.810 | .000 | .000 | .000 | .000 |
| NH | 3.000 | .120 | 5017.500 | .040 | 5081.510 | .200 | 5261.510 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 66.200 | .000 | .000 |

CROSS SECTION YH-7

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 75505.000 | 13.000 | 5017.500 | 5081.510 | 315.000 | 185.000 | 205.000 | .000 | .000 | .000 |
| GR | 260.000 | 5000.000 | 256.000 | 5011.000 | 252.000 | 5016.000 | 250.390 | 5017.500 | 236.980 | 5029.500 |
| GR | 235.750 | 5037.500 | 234.560 | 5047.500 | 236.980 | 5057.500 | 243.290 | 5067.500 | 246.600 | 5073.500 |
| GR | 246.860 | 5081.500 | 271.860 | 5081.510 | 271.860 | 5261.510 | .000 | .000 | .000 | .000 |
| NH | 3.000 | .150 | 5140.000 | .040 | 5200.000 | .100 | 5290.000 | .000 | .000 | .000 |

CROSS SECTION YH-8

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 75735.000 | 18.000 | 5140.000 | 5200.000 | 460.000 | 490.000 | 490.000 | .000 | .000 | .000 |
| GR | 260.000 | 5000.000 | 256.000 | 5020.000 | 252.000 | 5050.000 | 248.000 | 5060.000 | 244.000 | 5075.000 |
| GR | 240.000 | 5140.000 | 239.700 | 5144.000 | 238.040 | 5145.000 | 237.850 | 5150.000 | 237.160 | 5155.000 |
| GR | 237.380 | 5165.000 | 236.580 | 5175.000 | 236.620 | 5185.000 | 237.900 | 5195.000 | 244.000 | 5200.000 |
| GR | 245.000 | 5225.000 | 265.000 | 5225.010 | 265.000 | 5290.000 | .000 | .000 | .000 | .000 |
| NH | 4.000 | .150 | 5200.000 | .040 | 5255.000 | .100 | 5360.000 | .200 | 5525.000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 60.210 | .000 | .000 |

CROSS SECTION YH-9

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 75755.000 | 18.000 | 5200.000 | 5255.000 | 10.000 | 10.000 | 20.000 | .000 | .000 | .000 |
| GR | 260.000 | 5000.000 | 256.000 | 5025.000 | 252.000 | 5050.000 | 248.000 | 5070.000 | 244.000 | 5105.000 |
| GR | 240.000 | 5200.000 | 238.200 | 5205.000 | 238.010 | 5210.000 | 237.320 | 5215.000 | 237.540 | 5225.000 |
| GR | 236.740 | 5235.000 | 236.780 | 5245.000 | 240.000 | 5255.000 | 244.000 | 5260.000 | 248.000 | 5310.000 |
| GR | 252.000 | 5360.000 | 256.000 | 5395.000 | 260.000 | 5525.000 | .000 | .000 | .000 | .000 |

| | | | | | | | | | | |
|----|-------|------|----------|------|----------|------|----------|--------|----------|------|
| NC | .100 | .100 | .050 | .100 | .300 | .000 | .000 | .000 | .000 | .000 |
| NH | 4.000 | .150 | 5000.000 | .040 | 5070.300 | .100 | 5250.300 | .200 | 5360.300 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 72.210 | .000 | .000 |

FIRST CROSS SECTION FOR BRIDGE # 6, CELLU PRODUCTS ACCESS RD.

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 75785.000 | 23.000 | 5000.000 | 5070.300 | 113.000 | 98.000 | 30.000 | .000 | .000 | .000 |
| GR | 260.000 | 4628.700 | 256.000 | 4723.700 | 252.000 | 4793.700 | 248.000 | 4875.000 | 244.000 | 4920.000 |
| GR | 242.670 | 5000.000 | 238.680 | 5001.010 | 238.490 | 5005.000 | 237.800 | 5010.000 | 238.020 | 5020.000 |
| GR | 237.220 | 5029.000 | 237.220 | 5029.010 | 237.220 | 5031.000 | 237.220 | 5031.010 | 237.260 | 5040.000 |
| GR | 238.540 | 5051.000 | 238.740 | 5059.200 | 238.850 | 5060.310 | 239.810 | 5070.300 | 248.000 | 5155.300 |
| GR | 252.000 | 5205.300 | 256.000 | 5250.300 | 260.000 | 5360.300 | .000 | .000 | .000 | .000 |
| NC | .000 | .000 | .000 | .300 | .500 | .000 | .000 | .000 | .000 | .000 |
| NH | 4.000 | .150 | 5000.000 | .040 | 5070.300 | .120 | 5250.300 | .200 | 5360.300 | .000 |
| X1 | 75815.000 | .000 | .000 | .000 | 30.000 | 30.000 | 30.000 | .000 | .000 | .000 |
| X3 | 10.000 | .000 | .000 | .000 | .000 | .000 | .000 | 240.340 | 240.400 | .000 |
| NH | 4.000 | .150 | 5000.000 | .035 | 5070.300 | .120 | 5250.300 | .200 | 5360.300 | .000 |

BRIDGE # 6, CELLU PRODUCTS ACCESS RD.

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 75816.000 | 27.000 | 5000.000 | 5070.300 | 1.000 | 1.000 | 1.000 | .000 | .000 | .000 |
| BT | 25.000 | 4628.700 | 260.000 | 260.000 | 4723.700 | 256.000 | 256.000 | 4793.700 | 252.000 | 252.000 |
| BT | .000 | 4875.000 | 248.000 | 248.000 | 4920.000 | 244.000 | 244.000 | 5000.000 | 242.670 | 242.670 |
| BT | .000 | 5000.010 | 242.990 | 240.340 | 5001.000 | 242.990 | 240.340 | 5005.000 | 242.980 | 240.340 |
| BT | .000 | 5010.000 | 242.970 | 240.340 | 5020.000 | 242.960 | 240.330 | 5029.000 | 242.940 | 240.330 |
| BT | .000 | 5029.010 | 242.940 | 237.220 | 5031.000 | 242.940 | 237.220 | 5031.010 | 242.940 | 240.320 |
| BT | .000 | 5040.000 | 242.980 | 240.360 | 5051.000 | 243.020 | 240.400 | 5059.200 | 243.050 | 240.440 |
| BT | .000 | 5060.300 | 243.050 | 240.440 | 5060.310 | 242.620 | 242.620 | 5070.300 | 244.000 | 244.000 |
| BT | .000 | 5155.300 | 248.000 | 248.000 | 5205.300 | 252.000 | 252.000 | 5250.300 | 256.000 | 256.000 |
| BT | .000 | 5360.300 | 260.000 | 260.000 | .000 | .000 | .000 | .000 | .000 | .000 |
| GR | 260.000 | 4628.700 | 256.000 | 4723.700 | 252.000 | 4793.700 | 248.000 | 4875.000 | 244.000 | 4920.000 |
| GR | 242.670 | 5000.000 | 240.340 | 5000.010 | 240.340 | 5001.000 | 238.680 | 5001.010 | 238.490 | 5005.000 |
| GR | 237.800 | 5010.000 | 238.020 | 5020.000 | 237.220 | 5029.000 | 237.220 | 5029.010 | 237.220 | 5031.000 |
| GR | 237.220 | 5031.010 | 237.260 | 5040.000 | 238.540 | 5051.000 | 238.740 | 5059.200 | 240.440 | 5059.200 |
| GR | 240.440 | 5060.300 | 242.620 | 5060.310 | 244.000 | 5070.300 | 248.000 | 5155.300 | 252.000 | 5205.300 |
| GR | 256.000 | 5250.300 | 260.000 | 5360.300 | .000 | .000 | .000 | .000 | .000 | .000 |
| NH | 4.000 | .180 | 5000.000 | .035 | 5070.300 | .120 | 5250.300 | .200 | 5360.300 | .000 |
| X1 | 75834.000 | .000 | .000 | .000 | 18.000 | 18.000 | 18.000 | .000 | .000 | .000 |
| X2 | .000 | .000 | .000 | .000 | .000 | .000 | 1.000 | .000 | .000 | .000 |
| NH | 4.000 | .180 | 5000.000 | .043 | 5070.300 | .120 | 5250.300 | .200 | 5360.300 | .000 |
| X1 | 75835.000 | 23.000 | 5000.000 | 5070.300 | 1.000 | 1.000 | 1.000 | .000 | .000 | .000 |
| X3 | 10.000 | .000 | .000 | .000 | .000 | .000 | .000 | 240.340 | 240.400 | .000 |
| GR | 260.000 | 4628.700 | 256.000 | 4723.700 | 252.000 | 4793.700 | 248.000 | 4875.000 | 244.000 | 4920.000 |
| GR | 229.000 | 5000.000 | 238.680 | 5001.010 | 238.490 | 5005.000 | 237.800 | 5010.000 | 238.020 | 5020.000 |
| GR | 237.220 | 5029.000 | 237.220 | 5029.010 | 237.220 | 5031.000 | 237.220 | 5031.010 | 237.260 | 5040.000 |
| GR | 238.540 | 5051.000 | 238.740 | 5059.200 | 238.850 | 5060.310 | 239.810 | 5070.300 | 248.000 | 5155.300 |
| GR | 252.000 | 5205.300 | 256.000 | 5250.300 | 260.000 | 5360.300 | .000 | .000 | .000 | .000 |

THIS RUN EXECUTED 02-26-86 03:18:23

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

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

YADKIN RIVER

SUMMARY PRINTOUT TABLE 150

| SECH | XLCH | ELTRD | ELLC | ELMIN | Q | CWSEL | CRWS | EG | 10K*S | VCH | AREA | .01K |
|-------------|--------|-------|------|--------|----------|--------|--------|--------|--------|-------|----------|----------|
| 74291.000 | .00 | .00 | .00 | 225.30 | 3543.00 | 238.05 | .00 | 238.73 | 29.61 | 6.99 | 656.99 | 651.16 |
| 74291.000 | .00 | .00 | .00 | 225.30 | 7863.00 | 241.00 | .00 | 242.28 | 47.07 | 10.30 | 1163.49 | 1146.09 |
| 74291.000 | .00 | .00 | .00 | 225.30 | 10761.00 | 242.61 | .00 | 244.09 | 50.17 | 11.42 | 1485.81 | 1519.18 |
| 74291.000 | .00 | .00 | .00 | 225.30 | 21263.00 | 246.88 | .00 | 248.97 | 57.48 | 14.33 | 2396.37 | 2804.65 |
| 74975.000 | 629.00 | .00 | .00 | 230.37 | 3543.00 | 240.07 | .00 | 240.59 | 29.18 | 5.79 | 612.43 | 655.89 |
| 74975.000 | 629.00 | .00 | .00 | 230.37 | 7863.00 | 243.74 | .00 | 244.83 | 35.69 | 8.42 | 977.19 | 1316.17 |
| 74975.000 | 629.00 | .00 | .00 | 230.37 | 10761.00 | 245.40 | .00 | 246.86 | 40.07 | 9.81 | 1226.14 | 1700.08 |
| 74975.000 | 629.00 | .00 | .00 | 230.37 | 21263.00 | 250.08 | .00 | 251.73 | 35.79 | 11.45 | 2728.33 | 3554.07 |
| 75035.000 | 75.00 | .00 | .00 | 230.54 | 3543.00 | 240.25 | .00 | 240.77 | 21.86 | 5.79 | 612.16 | 757.82 |
| 75035.000 | 75.00 | .00 | .00 | 230.54 | 7863.00 | 243.98 | .00 | 245.07 | 28.85 | 8.40 | 963.76 | 1463.81 |
| 75035.000 | 75.00 | .00 | .00 | 230.54 | 10761.00 | 245.64 | .00 | 247.14 | 33.70 | 9.88 | 1165.43 | 1853.69 |
| 75035.000 | 75.00 | .00 | .00 | 230.54 | 21263.00 | 249.26 | .00 | 252.51 | 55.90 | 14.73 | 1660.27 | 2843.83 |
| * 75505.000 | 205.00 | .00 | .00 | 234.56 | 3543.00 | 243.15 | 243.15 | 246.14 | 151.33 | 13.87 | 255.43 | 288.01 |
| * 75505.000 | 205.00 | .00 | .00 | 234.56 | 7863.00 | 247.75 | 247.75 | 251.75 | 140.86 | 16.06 | 489.70 | 662.52 |
| * 75505.000 | 205.00 | .00 | .00 | 234.56 | 10761.00 | 249.62 | 249.62 | 254.51 | 139.80 | 17.73 | 606.99 | 910.12 |
| * 75505.000 | 205.00 | .00 | .00 | 234.56 | 21263.00 | 255.20 | 255.20 | 262.73 | 130.53 | 22.04 | 976.09 | 1861.07 |
| 75735.000 | 490.00 | .00 | .00 | 236.58 | 3543.00 | 247.08 | .00 | 247.51 | 12.32 | 5.56 | 976.68 | 1009.35 |
| 75735.000 | 490.00 | .00 | .00 | 236.58 | 7863.00 | 252.45 | .00 | 253.10 | 11.17 | 7.16 | 1885.32 | 2352.71 |
| 75735.000 | 490.00 | .00 | .00 | 236.58 | 10761.00 | 255.14 | .00 | 255.93 | 11.28 | 8.04 | 2390.65 | 3203.80 |
| 75735.000 | 490.00 | .00 | .00 | 236.58 | 21263.00 | 263.16 | .00 | 264.34 | 10.81 | 10.13 | 4136.50 | 6467.53 |
| 75755.000 | 20.00 | .00 | .00 | 236.74 | 3543.00 | 247.11 | .00 | 247.53 | 11.98 | 5.68 | 1134.13 | 1023.72 |
| 75755.000 | 20.00 | .00 | .00 | 236.74 | 7863.00 | 252.65 | .00 | 253.13 | 8.72 | 6.60 | 2644.52 | 2663.44 |
| 75755.000 | 20.00 | .00 | .00 | 236.74 | 10761.00 | 255.48 | .00 | 255.98 | 7.79 | 7.00 | 3608.14 | 3854.91 |
| 75755.000 | 20.00 | .00 | .00 | 236.74 | 21263.00 | 263.92 | .00 | 264.42 | 5.64 | 7.71 | 7645.53 | 8956.24 |
| 75785.000 | 30.00 | .00 | .00 | 237.22 | 3543.00 | 247.31 | .00 | 247.59 | 8.64 | 4.63 | 1314.49 | 1205.26 |
| 75785.000 | 30.00 | .00 | .00 | 237.22 | 7863.00 | 252.89 | .00 | 253.19 | 5.77 | 5.20 | 3265.10 | 3274.46 |
| 75785.000 | 30.00 | .00 | .00 | 237.22 | 10761.00 | 255.74 | .00 | 256.03 | 4.97 | 5.43 | 4626.01 | 4827.50 |
| 75785.000 | 30.00 | .00 | .00 | 237.22 | 21263.00 | 264.21 | .00 | 264.47 | 3.24 | 5.70 | 10359.65 | 11816.73 |

| SECNO | XLCH | ELTRD | ELLC | ELMIN | Q | CMSL | CRINS | EG | 10K*S | VCH | AREA | .0IK |
|-----------|-------|--------|--------|--------|----------|--------|-------|--------|-------|------|----------|----------|
| 75815.000 | 30.00 | .00 | .00 | 237.22 | 3543.00 | 247.33 | .00 | 247.62 | 8.78 | 4.68 | 1322.67 | 1195.75 |
| 75815.000 | 30.00 | .00 | .00 | 237.22 | 7863.00 | 252.90 | .00 | 253.21 | 6.07 | 5.34 | 3271.33 | 3192.24 |
| 75815.000 | 30.00 | .00 | .00 | 237.22 | 10761.00 | 255.74 | .00 | 256.06 | 5.29 | 5.60 | 4637.52 | 4679.03 |
| 75815.000 | 30.00 | .00 | .00 | 237.22 | 21263.00 | 264.21 | .00 | 264.50 | 3.51 | 5.93 | 10372.71 | 11347.20 |
| 75816.000 | 1.00 | 242.62 | 260.00 | 237.22 | 3543.00 | 247.25 | .00 | 247.71 | 70.40 | 6.16 | 918.30 | 422.26 |
| 75816.000 | 1.00 | 242.62 | 260.00 | 237.22 | 7863.00 | 253.01 | .00 | 253.24 | 19.61 | 5.04 | 2131.56 | 1775.71 |
| 75816.000 | 1.00 | 242.62 | 260.00 | 237.22 | 10761.00 | 255.90 | .00 | 256.10 | 13.75 | 4.88 | 4726.13 | 2902.13 |
| 75816.000 | 1.00 | 242.62 | 260.00 | 237.22 | 21263.00 | 264.40 | .00 | 264.54 | 6.53 | 4.55 | 11115.81 | 8319.92 |
| 75834.000 | 18.00 | 242.62 | 260.00 | 237.22 | 3543.00 | 247.37 | .00 | 247.84 | 69.78 | 6.21 | 948.79 | 424.15 |
| 75834.000 | 18.00 | 242.62 | 260.00 | 237.22 | 7863.00 | 253.03 | .00 | 253.29 | 21.46 | 5.28 | 2941.69 | 1697.52 |
| 75834.000 | 18.00 | 242.62 | 260.00 | 237.22 | 10761.00 | 255.91 | .00 | 256.14 | 15.24 | 5.14 | 4335.02 | 2756.42 |
| 75834.000 | 18.00 | 242.62 | 260.00 | 237.22 | 21263.00 | 264.40 | .00 | 264.57 | 7.40 | 4.85 | 10122.35 | 7814.24 |
| 75835.000 | 1.00 | .00 | .00 | 229.00 | 3543.00 | 247.81 | .00 | 247.94 | 5.70 | 3.48 | 2005.03 | 1484.59 |
| 75835.000 | 1.00 | .00 | .00 | 229.00 | 7863.00 | 253.11 | .00 | 253.31 | 5.44 | 4.54 | 3914.53 | 3371.02 |
| 75835.000 | 1.00 | .00 | .00 | 229.00 | 10761.00 | 255.91 | .00 | 256.14 | 5.10 | 4.92 | 5271.02 | 4763.70 |
| 75835.000 | 1.00 | .00 | .00 | 229.00 | 21263.00 | 264.37 | .00 | 264.60 | 3.76 | 5.47 | 11028.92 | 10965.84 |
| 75894.000 | 59.30 | .00 | .00 | 230.13 | 3543.00 | 247.84 | .00 | 248.01 | 8.66 | 3.96 | 1712.15 | 1203.84 |
| 75894.000 | 59.30 | .00 | .00 | 230.13 | 7863.00 | 253.12 | .00 | 253.37 | 7.39 | 5.02 | 3436.86 | 2893.03 |
| 75894.000 | 59.30 | .00 | .00 | 230.13 | 10761.00 | 255.92 | .00 | 256.20 | 6.65 | 5.38 | 4702.98 | 4174.44 |
| 75894.000 | 59.30 | .00 | .00 | 230.13 | 21263.00 | 264.37 | .00 | 264.65 | 4.55 | 5.85 | 10206.09 | 9967.63 |

YADKIN RIVER

SUMMARY PRINTOUT TABLE 150

| SECR0 | Q | CWSEL | DIFWSP | DIFWSX | DIFKWS | TOPWID | XLCH |
|-------------|----------|--------|--------|--------|--------|--------|--------|
| 74291.000 | 3543.00 | 238.05 | .00 | .00 | .00 | 136.39 | .00 |
| 74291.000 | 7863.00 | 241.00 | 2.95 | .00 | .00 | 196.78 | .00 |
| 74291.000 | 10761.00 | 242.61 | 1.61 | .00 | .00 | 203.62 | .00 |
| 74291.000 | 21263.00 | 246.88 | 4.27 | .00 | .00 | 223.65 | .00 |
| 74975.000 | 3543.00 | 240.07 | .00 | 2.02 | .00 | 85.51 | 629.00 |
| 74975.000 | 7863.00 | 243.74 | 3.68 | 2.74 | .00 | 113.07 | 629.00 |
| 74975.000 | 10761.00 | 245.40 | 1.66 | 2.79 | .00 | 197.54 | 629.00 |
| 74975.000 | 21263.00 | 250.08 | 4.68 | 3.20 | .00 | 409.91 | 629.00 |
| 75035.000 | 3543.00 | 240.25 | .00 | .19 | .00 | 84.13 | 75.00 |
| 75035.000 | 7863.00 | 243.98 | 3.73 | .24 | .00 | 112.99 | 75.00 |
| 75035.000 | 10761.00 | 245.64 | 1.66 | .24 | .00 | 129.46 | 75.00 |
| 75035.000 | 21263.00 | 249.26 | 3.62 | -.82 | .00 | 142.62 | 75.00 |
| * 75505.000 | 3543.00 | 243.15 | .00 | 2.90 | .00 | 43.31 | 205.00 |
| * 75505.000 | 7863.00 | 247.75 | 4.59 | 3.77 | .00 | 61.64 | 205.00 |
| * 75505.000 | 10761.00 | 249.62 | 1.88 | 3.98 | .00 | 63.32 | 205.00 |
| * 75505.000 | 21263.00 | 255.20 | 5.58 | 5.94 | .00 | 69.51 | 205.00 |
| 75735.000 | 3543.00 | 247.08 | .00 | 3.93 | .00 | 161.57 | 490.00 |
| 75735.000 | 7863.00 | 252.45 | 5.36 | 4.70 | .00 | 178.36 | 490.00 |
| 75735.000 | 10761.00 | 255.14 | 2.69 | 5.51 | .00 | 198.48 | 490.00 |
| 75735.000 | 21263.00 | 263.16 | 8.02 | 7.96 | .00 | 225.01 | 490.00 |
| 75755.000 | 3543.00 | 247.11 | .00 | .03 | .00 | 221.17 | 20.00 |
| 75755.000 | 7863.00 | 252.65 | 5.54 | .21 | .00 | 319.82 | 20.00 |
| 75755.000 | 10761.00 | 255.48 | 2.83 | .34 | .00 | 362.20 | 20.00 |
| 75755.000 | 21263.00 | 263.92 | 8.44 | .76 | .00 | 525.00 | 20.00 |
| 75785.000 | 3543.00 | 247.31 | .00 | .20 | .00 | 265.36 | 30.00 |
| 75785.000 | 7863.00 | 252.89 | 5.58 | .24 | .00 | 437.23 | 30.00 |
| 75785.000 | 10761.00 | 255.74 | 2.85 | .26 | .00 | 519.06 | 30.00 |
| 75785.000 | 21263.00 | 264.21 | 8.47 | .29 | .00 | 731.60 | 30.00 |
| 75815.000 | 3543.00 | 247.33 | .00 | .02 | .00 | 266.03 | 30.00 |
| 75815.000 | 7863.00 | 252.90 | 5.57 | .01 | .00 | 437.64 | 30.00 |
| 75815.000 | 10761.00 | 255.74 | 2.84 | .00 | .00 | 519.37 | 30.00 |
| 75815.000 | 21263.00 | 264.21 | 8.47 | .00 | .00 | 731.60 | 30.00 |
| 75816.000 | 3543.00 | 247.25 | .00 | -.08 | .00 | 255.96 | 1.00 |
| 75816.000 | 7863.00 | 253.01 | 5.76 | .11 | .00 | 440.54 | 1.00 |
| 75816.000 | 10761.00 | 255.90 | 2.89 | .16 | .00 | 523.70 | 1.00 |
| 75816.000 | 21263.00 | 264.40 | 8.50 | .20 | .00 | 731.60 | 1.00 |

| SECNO | Q | CWSEL | DIFWSP | DIFWSX | DIFKUS | TOPMID | XLCH |
|-----------|----------|--------|--------|--------|--------|--------|-------|
| 75834.000 | 3543.00 | 247.37 | .00 | .12 | .00 | 259.81 | 18.00 |
| 75834.000 | 7863.00 | 253.03 | 5.66 | .02 | .00 | 441.20 | 18.00 |
| 75834.000 | 10761.00 | 255.91 | 2.88 | .01 | .00 | 524.19 | 18.00 |
| 75834.000 | 21263.00 | 264.40 | 8.49 | .00 | .00 | 731.60 | 18.00 |
| 75835.000 | 3543.00 | 247.81 | .00 | .44 | .00 | 276.29 | 1.00 |
| 75835.000 | 7863.00 | 253.11 | 5.29 | .08 | .00 | 443.48 | 1.00 |
| 75835.000 | 10761.00 | 255.91 | 2.81 | .00 | .00 | 524.09 | 1.00 |
| 75835.000 | 21263.00 | 264.37 | 8.45 | -.04 | .00 | 731.60 | 1.00 |
| 75894.000 | 3543.00 | 247.84 | .00 | .02 | .00 | 252.32 | 59.30 |
| 75894.000 | 7863.00 | 253.12 | 5.28 | .01 | .00 | 411.32 | 59.30 |
| 75894.000 | 10761.00 | 255.92 | 2.80 | .01 | .00 | 491.95 | 59.30 |
| 75894.000 | 21263.00 | 264.37 | 8.45 | .01 | .00 | 731.60 | 59.30 |

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

C
 T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: YADKINP1.HEC ENG: SKE EA: KMC, EKL COMM 2320
 T3 YADKIN RIVER DATE: 2/26/86 100-YEAR EVENT

| J1 | ICHECK | INQ | MINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FR |
|----|--------|-----|------|---------|------|--------|---------|------|------|----|
| 0. | 4. | 0. | 0. | .003350 | .00 | 0. | 155.000 | .000 | | |

| J2 | NPROF | IPILOT | PRFVS | XSECV | XSECH | FN | ALLOC | IBW | CHNTH | ITRACE |
|-------|-------|--------|-------|-------|-------|------|-------|------|-------|--------|
| 1.000 | .000 | -1.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

| | | | | | | | | | | |
|---------|---------|------|------|------|------|------|------|------|------|------|
| 110.000 | 200.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
|---------|---------|------|------|------|------|------|------|------|------|------|

J6 JHLEQ ICOPY

| | | | | | | | | | | |
|-------|------|------|------|------|------|------|------|------|------|------|
| 1.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
|-------|------|------|------|------|------|------|------|------|------|------|

| QT | 7.000 | 8291.000 | 18584.000 | 25026.000 | 50357.000 | 28234.000 | 38093.000 | 25026.000 | .000 |
|----|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.410 | .000 |
| NC | .100 | .050 | .100 | .300 | .000 | .000 | .000 | .000 | .000 |
| NH | 5.000 | .230 | 6140.000 | .150 | 7040.000 | .100 | 7275.000 | .054 | 7345.000 |
| NH | 8420.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |

ADD 1000 FEET TO EACH ELEVATION TO OBTAIN TRUE ELEVATION
 QT VALUES REPRESENT THE FOLLOWING EVENTS
 10-YR. 50-YR. 100-YR. 500-YR. 132-YR. 263-YR. 100-FLOODWAY
 2. 3. 4. 5. 6. 7. 8.
 1973 1940

CROSS SECTION YA

| X1 | 47010.000 | 54.000 | 7275.000 | 7345.000 | 1700.000 | 1675.000 | 1725.000 | .000 | .000 |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|
| GR | 171.000 | 5000.000 | 171.000 | 5060.000 | 165.000 | 5210.000 | 164.000 | 5330.000 | 160.000 |
| GR | 156.000 | 5405.000 | 156.000 | 5455.000 | 157.000 | 5575.000 | 156.000 | 5730.000 | 155.000 |
| GR | 156.000 | 6140.000 | 160.000 | 6240.000 | 164.000 | 6290.000 | 168.000 | 6315.000 | 170.000 |
| GR | 168.000 | 6405.000 | 164.000 | 6440.000 | 160.000 | 6460.000 | 156.000 | 6480.000 | 152.000 |
| GR | 149.000 | 6860.000 | 152.000 | 7020.000 | 152.000 | 7040.000 | 148.000 | 7055.000 | 144.000 |
| GR | 144.000 | 7105.000 | 148.000 | 7140.000 | 150.000 | 7250.000 | 149.960 | 7275.000 | 149.500 |
| GR | 141.600 | 7288.000 | 140.800 | 7290.000 | 138.000 | 7300.000 | 138.700 | 7310.000 | 140.200 |
| GR | 141.600 | 7333.000 | 142.000 | 7335.000 | 150.300 | 7345.000 | 152.000 | 7430.000 | 156.000 |

| | | | | | | | | | | |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| GR | 160.000 | 7470.000 | 164.000 | 7485.000 | 168.000 | 7530.000 | 175.000 | 7610.000 | 182.000 | 7710.000 |
| GR | 193.000 | 7805.000 | 199.000 | 7885.000 | 202.000 | 7990.000 | 202.000 | 8080.000 | 202.000 | 8125.000 |
| GR | 202.000 | 8195.000 | 206.000 | 8285.000 | 209.000 | 8355.000 | 213.000 | 8420.000 | .000 | .000 |
| NH | 6.000 | 1.000 | 6670.000 | .280 | 7835.000 | .090 | 8300.000 | .054 | 8375.000 | .080 |
| NH | 9030.000 | .130 | 9410.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 7550.000 | 8725.000 |

CROSS SECTION YB

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 47935.000 | 57.000 | 8300.000 | 8375.000 | 800.000 | 1000.000 | 925.000 | .000 | 175.000 | 5230.000 |
| GR | 193.000 | 5000.000 | 189.000 | 5045.000 | 182.000 | 5090.000 | 179.000 | 5160.000 | 175.000 | 5795.000 |
| GR | 175.000 | 5520.000 | 164.000 | 5620.000 | 160.000 | 5700.000 | 160.000 | 5745.000 | 161.000 | 5795.000 |
| GR | 160.000 | 6020.000 | 157.000 | 6130.000 | 156.000 | 6440.000 | 156.000 | 6670.000 | 157.000 | 6890.000 |
| GR | 156.000 | 7130.000 | 154.000 | 7290.000 | 156.000 | 7440.000 | 160.000 | 7450.000 | 160.000 | 7480.000 |
| GR | 156.000 | 7500.000 | 152.000 | 7610.000 | 151.100 | 7700.000 | 148.000 | 7800.000 | 148.000 | 7835.000 |
| GR | 151.000 | 7910.000 | 152.000 | 8015.000 | 156.000 | 8185.000 | 156.000 | 8210.000 | 156.000 | 8280.000 |
| GR | 160.000 | 8290.000 | 157.600 | 8300.000 | 157.200 | 8306.000 | 151.800 | 8317.000 | 143.600 | 8325.000 |
| GR | 142.000 | 8330.000 | 141.000 | 8340.000 | 141.200 | 8350.000 | 141.200 | 8360.000 | 141.600 | 8363.000 |
| GR | 143.600 | 8368.000 | 146.500 | 8370.000 | 151.000 | 8375.000 | 151.000 | 8400.000 | 152.000 | 8410.000 |
| GR | 154.000 | 8545.000 | 154.000 | 8595.000 | 156.000 | 9030.000 | 160.000 | 9055.000 | 164.000 | 9070.000 |
| GR | 168.000 | 9080.000 | 172.000 | 9090.000 | 176.000 | 9115.000 | 180.000 | 9125.000 | 200.000 | 9185.000 |
| GR | 224.000 | 9270.000 | 261.000 | 9410.000 | .000 | .000 | .000 | .000 | .000 | .000 |
| MC | .100 | .100 | .050 | .100 | .300 | .000 | .000 | .000 | .000 | .000 |
| NH | 6.000 | 1.000 | 3690.000 | .500 | 4230.000 | .090 | 5000.000 | .054 | 5106.000 | .080 |
| NH | 5561.400 | .130 | 5675.400 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.410 | .000 | .000 |

FIRST CROSS SECTION FOR BRIDGE # 1, NC 268

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 48377.000 | 55.000 | 5000.000 | 5106.000 | 655.000 | 330.000 | 441.520 | .000 | -2.160 | .000 |
| GR | 180.000 | 2230.000 | 176.000 | 2250.000 | 174.000 | 2270.000 | 168.000 | 2290.000 | 164.000 | 2310.000 |
| GR | 161.000 | 2330.000 | 157.000 | 2390.000 | 157.000 | 2760.000 | 157.000 | 3300.000 | 154.000 | 3690.000 |
| GR | 152.000 | 4030.000 | 152.000 | 4230.000 | 152.000 | 4750.000 | 149.500 | 5000.000 | 149.440 | 5002.010 |
| GR | 147.370 | 5022.000 | 147.030 | 5038.000 | 144.860 | 5044.850 | 144.860 | 5044.660 | 144.860 | 5045.560 |
| GR | 144.860 | 5045.510 | 144.860 | 5045.600 | 144.860 | 5045.610 | 144.860 | 5046.400 | 144.860 | 5046.410 |
| GR | 144.860 | 5046.510 | 144.860 | 5046.520 | 144.860 | 5047.350 | 144.860 | 5047.360 | 145.240 | 5055.000 |
| GR | 146.670 | 5070.000 | 146.980 | 5078.000 | 145.970 | 5089.650 | 145.970 | 5089.660 | 145.970 | 5090.500 |
| GR | 145.970 | 5090.510 | 145.970 | 5092.350 | 145.970 | 5091.400 | 145.970 | 5091.410 | 149.160 | 5091.510 |
| GR | 145.970 | 5091.520 | 145.970 | 5092.350 | 145.970 | 5092.360 | 147.370 | 5102.000 | 149.160 | 5106.000 |
| GR | 148.210 | 5117.000 | 148.760 | 5119.000 | 148.700 | 5135.500 | 148.720 | 5136.410 | 160.000 | 5561.400 |
| GR | 164.000 | 5601.400 | 168.000 | 5621.400 | 172.000 | 5645.400 | 176.000 | 5665.400 | 180.000 | 5675.400 |
| MC | .000 | .000 | .000 | .300 | .500 | .000 | .000 | .000 | .000 | .000 |
| NH | 6.000 | .230 | 4042.500 | .130 | 4475.000 | .090 | 5000.000 | .054 | 5106.000 | .080 |
| NH | 5561.400 | .130 | 5675.400 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 4579.000 | 5279.000 |

| | | | | | | | | | | |
|----|----------|------|----------|------|----------|------|----------|-------|----------|----------|
| NH | 6.000 | .230 | 4042.500 | .130 | 4475.000 | .090 | 5000.000 | .055 | 5106.000 | .080 |
| NH | 5561.400 | .130 | 5675.400 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 4703.000 | 5403.000 |

LAST CROSS SECTION FOR BRIDGE # 1, NC 268

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 49084.000 | 50.000 | 5000.000 | 5106.000 | 135.400 | 135.400 | 135.400 | .000 | .700 | .000 |
| X3 | 10.000 | .000 | .000 | .000 | .000 | .000 | .000 | 158.000 | 156.340 | .000 |
| GR | 180.000 | 3872.000 | 176.000 | 3884.000 | 172.000 | 3903.000 | 168.000 | 3920.000 | 164.000 | 3935.000 |
| GR | 160.000 | 4042.500 | 156.000 | 4475.000 | 152.000 | 4775.000 | 149.500 | 5009.000 | 149.440 | 5002.010 |
| GR | 147.370 | 5022.000 | 147.030 | 5038.000 | 144.860 | 5044.650 | 144.860 | 5044.660 | 144.860 | 5045.500 |
| GR | 144.860 | 5045.510 | 144.860 | 5045.600 | 144.860 | 5045.610 | 144.860 | 5046.400 | 144.860 | 5046.610 |
| GR | 144.860 | 5046.510 | 144.860 | 5046.520 | 144.860 | 5047.350 | 144.860 | 5047.360 | 145.240 | 5055.000 |
| GR | 146.670 | 5070.000 | 146.980 | 5078.000 | 145.970 | 5089.650 | 145.970 | 5089.660 | 145.970 | 5090.500 |
| GR | 145.970 | 5090.510 | 145.970 | 5090.600 | 145.970 | 5091.400 | 145.970 | 5091.410 | 145.970 | 5091.510 |
| GR | 145.970 | 5091.520 | 145.970 | 5092.350 | 145.970 | 5092.360 | 147.370 | 5102.000 | 149.160 | 5106.000 |
| GR | 148.210 | 5117.000 | 148.760 | 5119.000 | 148.700 | 5135.500 | 148.720 | 5136.410 | 160.000 | 5361.400 |
| GR | 164.000 | 5601.400 | 168.000 | 5621.400 | 172.000 | 5645.400 | 176.000 | 5665.400 | 180.000 | 5675.400 |

| | | | | | | | | | | |
|----|----------|------|----------|------|----------|------|----------|--------|----------|-------|
| NC | .100 | .100 | .050 | .100 | .300 | .000 | .000 | .000 | .000 | .000 |
| NH | 5.000 | .130 | 5290.000 | .080 | 5910.000 | .054 | 5977.000 | .150 | 6684.000 | 1.250 |
| NH | 6738.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 10.410 | .000 | .000 |

CROSS SECTION B-1

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 50145.000 | 21.000 | 5910.000 | 5977.000 | 1088.000 | 938.000 | 1166.000 | .000 | .000 | .000 |
| GR | 180.000 | 5000.000 | 176.000 | 5045.000 | 172.000 | 5105.000 | 168.000 | 5175.000 | 164.000 | 5250.000 |
| GR | 160.000 | 5290.000 | 160.100 | 5910.000 | 151.810 | 5917.000 | 151.490 | 5930.000 | 150.680 | 5940.000 |
| GR | 150.520 | 5950.000 | 150.550 | 5960.000 | 151.810 | 5970.000 | 159.000 | 5977.000 | 157.790 | 6189.000 |
| GR | 160.000 | 6684.000 | 164.000 | 6692.000 | 168.000 | 6707.000 | 172.000 | 6725.000 | 176.000 | 6728.000 |
| GR | 180.000 | 6738.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| NC | .100 | .100 | .050 | .100 | .300 | .000 | .000 | .000 | .000 | .000 |
| NH | 6.000 | .230 | 5890.000 | .130 | 6330.000 | .080 | 7230.000 | .054 | 7296.000 | .150 |
| NH | 8050.000 | 1.250 | 9060.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 6841.000 | 7611.000 |

CROSS SECTION YC

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 52015.000 | 48.000 | 7230.000 | 7296.000 | 1725.000 | 1800.000 | 1870.000 | .000 | .000 | .000 |
| GR | 275.000 | 5000.000 | 269.000 | 5070.000 | 261.000 | 5150.000 | 252.000 | 5230.000 | 244.000 | 5335.000 |
| GR | 235.000 | 5445.000 | 223.000 | 5555.000 | 214.000 | 5630.000 | 201.000 | 5705.000 | 196.000 | 5800.000 |
| GR | 184.000 | 5890.000 | 180.000 | 5985.000 | 176.000 | 6035.000 | 175.000 | 6120.000 | 172.000 | 6210.000 |
| GR | 168.000 | 6330.000 | 166.000 | 6510.000 | 166.000 | 6795.000 | 164.000 | 6975.000 | 163.000 | 7100.000 |
| GR | 162.400 | 7205.000 | 162.300 | 7230.000 | 155.800 | 7234.000 | 155.600 | 7235.000 | 155.400 | 7245.000 |
| GR | 151.400 | 7285.000 | 154.600 | 7275.000 | 154.500 | 7285.000 | 155.200 | 7289.000 | 155.800 | 7289.100 |
| GR | 161.500 | 7290.000 | 163.000 | 7296.000 | 162.800 | 7296.000 | 163.000 | 7450.000 | 164.000 | 7700.000 |
| GR | 166.000 | 8050.000 | 168.000 | 8140.000 | 172.000 | 8165.000 | 176.000 | 8190.000 | 180.000 | 8205.000 |
| GR | 186.000 | 8235.000 | 188.000 | 8305.000 | 192.000 | 8470.000 | 195.000 | 8620.000 | 202.000 | 8760.000 |
| GR | 200.000 | 8860.000 | 197.000 | 8955.000 | 197.000 | 9060.000 | .000 | .000 | .000 | .000 |

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|----|----------|-------|----------|-------|----------|-------|----------|-------|----------|----------|
| NH | 6.000 | -.230 | 5915.000 | -.130 | 6635.000 | -.100 | 7184.000 | -.054 | 7250.000 | -.190 |
| NH | 8320.000 | 1.250 | 9260.000 | .000 | .000 | .000 | .000 | .006 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 6973.000 | 7743.000 |

CROSS SECTION YD

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 52995.000 | 50.000 | 7184.000 | 7250.000 | 825.000 | 1050.000 | 930.000 | .000 | 200.000 | 5510.000 |
| GR | 220.000 | 5000.000 | 212.000 | 5090.000 | 202.000 | 5190.000 | 200.000 | 5320.000 | 200.000 | 5510.000 |
| GR | 198.000 | 5605.000 | 195.000 | 5720.000 | 199.000 | 5830.000 | 193.000 | 5915.000 | 188.000 | 6010.000 |
| GR | 184.000 | 6170.000 | 180.000 | 6300.000 | 177.000 | 6420.000 | 176.000 | 6535.000 | 172.000 | 6620.000 |
| GR | 168.000 | 6635.000 | 165.000 | 6770.000 | 164.000 | 7120.000 | 163.900 | 7155.000 | 163.500 | 7172.000 |
| GR | 163.000 | 7184.000 | 158.800 | 7196.000 | 158.400 | 7198.000 | 156.900 | 7199.000 | 156.200 | 7200.000 |
| GR | 155.800 | 7210.000 | 155.400 | 7220.000 | 155.300 | 7230.000 | 155.000 | 7240.000 | 156.900 | 7242.000 |
| GR | 165.700 | 7250.000 | 165.400 | 7255.000 | 165.000 | 7365.000 | 165.000 | 7665.000 | 166.000 | 7990.000 |
| GR | 166.000 | 8320.000 | 168.000 | 8500.000 | 172.000 | 8510.000 | 175.000 | 8530.000 | 180.000 | 8550.000 |
| GR | 184.000 | 8560.000 | 188.000 | 8570.000 | 196.000 | 8600.000 | 196.000 | 8670.000 | 196.000 | 8770.000 |
| GR | 197.000 | 8860.000 | 198.000 | 8955.000 | 194.000 | 9100.000 | 200.000 | 9170.000 | 201.000 | 9260.000 |
| NH | 6.000 | .230 | 5135.000 | -.130 | 5300.000 | .100 | 6135.000 | -.054 | 6235.000 | -.190 |
| NH | 7260.000 | 1.250 | 7315.000 | .000 | .000 | .000 | .000 | .000 | 6065.000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 6065.000 | 6835.000 |

CROSS SECTION YD-1

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|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 53815.000 | 27.000 | 6135.000 | 6235.000 | 1000.000 | 700.000 | 820.000 | .000 | 178.000 | 5655.000 |
| GR | 188.000 | 5000.000 | 184.000 | 5040.000 | 180.000 | 5135.000 | 178.000 | 5355.000 | 178.000 | 5655.000 |
| GR | 176.000 | 5800.000 | 172.000 | 5840.000 | 168.000 | 6100.000 | 164.000 | 6135.000 | 162.260 | 6166.000 |
| GR | 161.860 | 6168.000 | 160.360 | 6169.000 | 159.650 | 6170.000 | 159.260 | 6180.000 | 158.860 | 6190.000 |
| GR | 158.760 | 6200.000 | 158.460 | 6210.000 | 160.360 | 6212.000 | 164.000 | 6235.000 | 166.000 | 6390.000 |
| GR | 168.000 | 6680.000 | 169.000 | 6910.000 | 172.000 | 7085.000 | 176.000 | 7260.000 | 180.000 | 7290.000 |
| GR | 184.000 | 7305.000 | 188.000 | 7315.000 | .000 | .000 | .000 | .000 | .000 | .000 |
| NH | 5.000 | .230 | 5970.000 | -.120 | 7335.000 | .054 | 7400.000 | .230 | 8845.000 | 100.000 |
| NH | 9420.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 7235.000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 7235.000 | 7940.000 |

CROSS SECTION YE

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 55015.000 | 39.000 | 7335.000 | 7400.000 | 1075.000 | 1075.000 | 1200.000 | .000 | 204.000 | 5345.000 |
| X4 | 1.000 | 178.000 | 8845.000 | .000 | .000 | .000 | 208.000 | 5255.000 | 204.000 | 5345.000 |
| GR | 256.000 | 5000.000 | 249.000 | 5085.000 | 226.000 | 5175.000 | 208.000 | 5255.000 | 204.000 | 5345.000 |
| GR | 204.000 | 5420.000 | 204.000 | 5535.000 | 201.000 | 5660.000 | 197.000 | 5780.000 | 192.000 | 5970.000 |
| GR | 192.000 | 6065.000 | 188.000 | 6250.000 | 184.000 | 6430.000 | 181.000 | 6540.000 | 180.000 | 6640.000 |
| GR | 176.000 | 6975.000 | 172.000 | 7315.000 | 170.800 | 7335.000 | 164.800 | 7342.000 | 164.100 | 7345.000 |
| GR | 164.300 | 7355.000 | 164.200 | 7365.000 | 163.900 | 7375.000 | 164.800 | 7380.000 | 168.000 | 7400.000 |
| GR | 169.000 | 7470.000 | 169.000 | 7580.000 | 169.000 | 7890.000 | 172.000 | 8040.000 | 173.000 | 8230.000 |
| GR | 176.000 | 8570.000 | 180.000 | 9015.000 | 184.000 | 9055.000 | 188.000 | 9070.000 | 192.000 | 9085.000 |
| GR | 213.000 | 9155.000 | 237.000 | 9235.000 | 252.000 | 9315.000 | 255.000 | 9420.000 | 255.000 | 9420.000 |

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|----------------------------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|------|----------|
| NH | 4.000 | .230 | 5675.000 | .120 | 7200.000 | .054 | 7325.000 | 100.000 | 8925.000 | .000 | 7425.000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 6850.000 | .000 | |
| CROSS SECTION YE-1 : GRAVEL PITS | | | | | | | | | | | |
| X1 | 55555.000 | 28.000 | 7200.000 | 7325.000 | 585.000 | 485.000 | 540.000 | .000 | 180.000 | .010 | .000 |
| GR | 220.200 | 5000.000 | 192.000 | 5675.000 | 188.000 | 5787.000 | 184.000 | 6012.000 | 180.000 | .000 | 6300.000 |
| GR | 176.000 | 6500.000 | 172.940 | 7200.000 | 172.940 | 7200.100 | 179.240 | 7200.200 | 165.040 | .000 | 7220.000 |
| GR | 164.540 | 7230.000 | 164.140 | 7240.000 | 164.440 | 7250.000 | 165.040 | 7254.000 | 165.840 | .000 | 7259.000 |
| GR | 169.540 | 7270.000 | 173.040 | 7278.000 | 172.340 | 7300.000 | 172.000 | 7325.000 | 173.000 | .000 | 7375.000 |
| GR | 176.000 | 8200.000 | 177.000 | 8450.000 | 180.000 | 8725.000 | 184.000 | 8762.000 | 188.000 | .000 | 8788.000 |
| GR | 192.000 | 8800.000 | 213.000 | 8850.000 | 237.000 | 8925.000 | .000 | .000 | .000 | .000 | 8962.000 |
| NH | 5.000 | .230 | 5650.000 | .150 | 6505.000 | .120 | 7215.000 | .054 | 7283.000 | .000 | 100.000 |
| NH | 9710.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 6849.000 | .000 | 7283.000 |

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|--------------------------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|------|----------|
| CROSS SECTION YF : GRAVEL PITS | | | | | | | | | | | |
| X1 | 57175.000 | 50.000 | 7215.000 | 7283.000 | 1350.000 | 1350.000 | 1620.000 | .000 | 211.000 | .000 | .000 |
| GR | 230.000 | 5000.000 | 214.000 | 5090.000 | 5140.000 | 5140.000 | 194.000 | 5190.000 | 193.000 | .000 | 5260.000 |
| GR | 210.000 | 5340.000 | 200.000 | 5460.000 | 196.000 | 5540.000 | 194.000 | 5650.000 | 193.000 | .000 | 5780.000 |
| GR | 192.000 | 5840.000 | 188.000 | 6030.000 | 185.000 | 6170.000 | 184.000 | 6265.000 | 180.000 | .000 | 6505.000 |
| GR | 177.000 | 6650.000 | 177.000 | 6795.000 | 176.000 | 7115.000 | 176.000 | 7155.000 | 173.600 | .000 | 7205.000 |
| GR | 174.000 | 7215.000 | 166.400 | 7223.000 | 165.700 | 7225.000 | 165.200 | 7235.000 | 164.800 | .000 | 7245.000 |
| GR | 165.100 | 7255.000 | 165.700 | 7259.000 | 166.500 | 7264.000 | 170.200 | 7275.000 | 173.700 | .000 | 7283.000 |
| GR | 173.000 | 7305.000 | 176.000 | 7320.000 | 176.000 | 7540.000 | 176.000 | 7710.000 | 176.000 | .000 | 8310.000 |
| GR | 180.000 | 8410.000 | 184.000 | 8530.000 | 188.000 | 8580.000 | 192.000 | 8600.000 | 196.000 | .000 | 8630.000 |
| GR | 201.000 | 8740.000 | 220.000 | 8840.000 | 221.000 | 8940.000 | 242.000 | 9370.000 | 247.000 | .000 | 9180.000 |
| GR | 249.000 | 9275.000 | 250.000 | 9375.000 | 251.000 | 9480.000 | 255.000 | 9590.000 | 255.000 | .000 | 9710.000 |
| NH | 5.000 | .230 | 5535.000 | .150 | 6212.000 | .120 | 6785.000 | .054 | 6853.000 | .000 | 100.000 |
| NH | 8950.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 10.410 | .000 | .000 | .000 |

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| CROSS SECTION YF-1 : GRAVEL PITS | | | | | | | | | | | |
| X1 | 57855.000 | 28.000 | 6785.000 | 6853.000 | 745.000 | 925.000 | 680.000 | .000 | 201.000 | .000 | .000 |
| GR | 241.000 | 5000.000 | 216.000 | 5100.000 | 208.000 | 5200.000 | 206.000 | 5300.000 | 180.000 | .000 | 5425.000 |
| GR | 196.000 | 5535.000 | 192.000 | 5675.000 | 188.000 | 5887.000 | 184.000 | 5975.000 | 180.000 | .000 | 6212.000 |
| GR | 177.000 | 6775.000 | 176.920 | 6785.000 | 169.320 | 6795.000 | 168.620 | 6795.000 | 168.120 | .000 | 6805.000 |
| GR | 167.720 | 6815.000 | 168.020 | 6825.000 | 168.620 | 6829.000 | 169.420 | 6834.000 | 173.120 | .000 | 6845.000 |
| GR | 176.620 | 6853.000 | 180.000 | 6875.000 | 184.000 | 7775.000 | 188.000 | 7787.000 | 196.000 | .000 | 7800.000 |
| GR | 200.000 | 8700.000 | 240.000 | 8800.000 | 280.000 | 8950.000 | .000 | .000 | .000 | .000 | 8962.000 |
| NH | 6.000 | .230 | 5535.000 | .150 | 6212.000 | .120 | 6785.000 | .055 | 6853.000 | .000 | .150 |
| NH | 7775.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 6489.000 | .000 | 6907.000 |

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|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| GR | 173.710 | 5001.210 | 173.590 | 5002.500 | 174.010 | 5002.510 | 174.010 | 5002.920 | 173.590 | 5002.930 |
| GR | 172.580 | 5010.000 | 172.910 | 5020.000 | 172.900 | 5028.740 | 172.900 | 5028.750 | 172.900 | 5031.250 |
| GR | 172.900 | 5031.260 | 173.040 | 5040.000 | 174.620 | 5059.000 | 174.620 | 5059.000 | 177.620 | 5059.010 |
| GR | 177.820 | 5060.000 | 177.820 | 5060.010 | 180.000 | 5159.990 | 180.000 | 5160.000 | 180.000 | 5383.000 |
| GR | 184.000 | 5440.000 | 188.000 | 5465.000 | 192.000 | 5485.000 | 196.000 | 5515.000 | 196.000 | 5515.000 |
| NH | 5.000 | .250 | 4812.500 | .120 | 5001.200 | .038 | 5060.010 | .150 | 5160.000 | .230 |
| NH | 5515.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .030 | .000 | .000 | 10.410 | .000 | .000 |
| X1 | 58956.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| X2 | .000 | .000 | .000 | .000 | .000 | .000 | 1.000 | .000 | .000 | .000 |
| NH | 5.000 | .250 | 4812.500 | .120 | 4973.200 | .055 | 5060.000 | .150 | 5160.000 | .230 |
| NH | 5515.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| X1 | 58956.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| X3 | 10.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| X4 | 2.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| GR | 196.000 | 3982.500 | 192.000 | 4152.500 | 188.000 | 4242.500 | 184.000 | 4492.500 | 181.020 | 4973.200 |
| GR | 181.020 | 4973.210 | 177.020 | 4973.220 | 174.390 | 5001.200 | 173.590 | 5002.500 | 174.010 | 5002.510 |
| GR | 174.010 | 5002.920 | 173.590 | 5002.930 | 172.390 | 5010.000 | 172.910 | 5020.000 | 172.900 | 5028.740 |
| GR | 172.900 | 5028.750 | 172.900 | 5031.250 | 172.900 | 5031.260 | 173.040 | 5040.000 | 174.390 | 5046.000 |
| GR | 177.020 | 5051.000 | 181.020 | 5060.000 | 184.000 | 5465.000 | 188.000 | 5465.000 | 192.000 | 5485.000 |
| LR | 196.000 | 5515.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| NH | 5.000 | .250 | 4812.500 | .120 | 4932.500 | .055 | 5060.010 | .150 | 5160.000 | .230 |
| NH | 5515.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |

LAST CROSS SECTION FOR BRIDGE #2, SR 1514

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|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 59015.000 | 28.000 | 4932.500 | 5060.010 | 59.000 | 59.000 | 59.000 | 4492.500 | 180.000 | 410 | 4812.500 |
| GR | 196.000 | 3982.500 | 192.000 | 4152.500 | 188.000 | 4242.500 | 184.000 | 4492.500 | 181.020 | 4973.200 | 5002.510 |
| GR | 180.000 | 4932.500 | 176.000 | 4962.500 | 173.710 | 5001.210 | 173.590 | 5002.500 | 174.010 | 5002.510 | 5028.740 |
| GR | 174.010 | 5002.920 | 173.590 | 5002.930 | 172.390 | 5010.000 | 172.910 | 5020.000 | 172.900 | 5028.740 | 5046.000 |
| GR | 172.900 | 5028.750 | 172.900 | 5031.250 | 172.900 | 5031.260 | 173.040 | 5040.000 | 174.390 | 5046.000 | 5440.000 |
| GR | 174.620 | 5059.000 | 180.150 | 5060.010 | 180.000 | 5160.000 | 180.000 | 5380.000 | 184.000 | 5440.000 | 5440.000 |
| GR | 188.000 | 5465.000 | 192.000 | 5485.000 | 196.000 | 5515.000 | .000 | .000 | .000 | .000 | .000 |
| NC | .100 | .100 | .050 | .100 | .300 | .000 | .000 | .000 | .000 | .000 | .000 |
| NH | 5.000 | .230 | 5385.000 | .119 | 6765.000 | .055 | 6858.000 | .150 | 7010.000 | .225 | 7158.000 |
| NH | 8565.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |

CROSS SECTION Y3

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 59295.000 | .41.000 | 6765.000 | 6858.000 | 320.000 | 345.000 | 280.000 | .000 | .000 | .000 |
| X4 | 1.000 | 184.250 | 7010.000 | 5090.000 | 209.000 | 5175.000 | 207.000 | .000 | .000 | .000 |
| GR | 217.000 | 5000.000 | 212.000 | 5615.000 | 200.000 | 5705.000 | 196.000 | 5895.000 | 195.000 | 6000.000 |
| GR | 204.000 | 5525.000 | 201.000 | 6205.000 | 188.000 | 6365.000 | 186.000 | 6480.000 | 185.000 | 6625.000 |
| GR | 193.000 | 6125.000 | 192.000 | 6740.000 | 181.960 | 6765.000 | 179.330 | 6775.000 | 175.720 | 6795.000 |
| GR | 184.000 | 6710.000 | 181.450 | 6740.000 | 175.510 | 6820.000 | 175.170 | 6830.000 | 174.420 | 6840.000 |
| GR | 175.370 | 6800.000 | 175.420 | 6810.000 | 181.600 | 6820.000 | 184.000 | 6830.000 | 185.000 | 6840.000 |
| GR | 175.720 | 6851.000 | 182.000 | 6856.000 | 181.600 | 6870.000 | 184.000 | 6965.000 | 185.000 | 7150.000 |

12

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|----|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| GR | 185,000 | 7400,000 | 185,000 | 7635,000 | 188,000 | 7830,000 | 192,000 | 7955,000 | 196,000 | 8020,000 |
| GR | 200,000 | 8045,000 | 204,000 | 8065,000 | 217,000 | 8110,000 | 229,000 | 8205,000 | 225,000 | 8390,000 |
| GR | 239,000 | 8565,000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| NH | 4,000 | .150 | 6030,000 | .055 | 6130,000 | .150 | 6235,000 | .250 | 7175,000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9,100 | 5988,000 | 6530,000 |

CROSS SECTION YG-1

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 60645,000 | 18,000 | 6030,000 | 6130,000 | 1275,000 | 1100,000 | 1350,000 | .000 | 185,000 | 5855,000 |
| GR | 204,000 | 5000,000 | 200,000 | 5120,000 | 196,000 | 5645,000 | 192,000 | 5705,000 | 185,000 | 5855,000 |
| GR | 188,000 | 5920,000 | 184,000 | 6030,000 | 182,170 | 6052,500 | 178,170 | 6072,500 | 177,170 | 6082,500 |
| GR | 178,170 | 6092,500 | 178,670 | 6102,500 | 180,000 | 6115,000 | 184,000 | 6130,000 | 188,000 | 6235,000 |
| GR | 192,000 | 7155,000 | 200,000 | 7165,000 | 204,000 | 7175,000 | .000 | .000 | .000 | .000 |
| NH | 5,000 | .230 | 5445,000 | .120 | 6225,000 | .055 | 6304,000 | .120 | 6455,000 | .250 |
| NH | 9795,000 | .000 | .000 | .000 | .000 | .000 | .000 | 10,410 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |

CROSS SECTION YH

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 61285,000 | 53,000 | 6225,000 | 6304,000 | 525,000 | 550,000 | 640,000 | .000 | .000 | .000 |
| X4 | 1,000 | 190,000 | 6455,000 | 5075,000 | 223,000 | 5125,000 | .000 | 5210,000 | .000 | 5305,000 |
| GR | 226,000 | 5000,000 | 226,000 | 5445,000 | 206,000 | 5540,000 | 204,000 | 5610,000 | 200,000 | 5895,000 |
| GR | 210,000 | 5380,000 | 208,000 | 5445,000 | 192,000 | 6165,000 | 189,300 | 6200,000 | 188,100 | 6225,000 |
| GR | 197,000 | 6025,000 | 196,000 | 6115,000 | 180,500 | 6249,000 | 178,800 | 6249,100 | 178,600 | 6250,000 |
| GR | 186,200 | 6228,000 | 184,300 | 6241,000 | 180,500 | 6249,000 | 180,700 | 6285,000 | 183,400 | 6293,000 |
| GR | 179,100 | 6260,000 | 179,800 | 6270,000 | 180,500 | 6283,000 | 188,000 | 6570,000 | 188,000 | 6645,000 |
| GR | 191,000 | 6304,000 | 190,100 | 6325,000 | 191,000 | 7075,000 | 191,000 | 7165,000 | 192,000 | 7215,000 |
| GR | 190,000 | 6815,000 | 190,000 | 7005,000 | 204,000 | 7765,000 | 229,000 | 7885,000 | 243,000 | 7990,000 |
| GR | 193,000 | 7545,000 | 200,000 | 7745,000 | 204,000 | 8375,000 | 283,000 | 8565,000 | 279,000 | 8735,000 |
| GR | 246,000 | 8095,000 | 245,000 | 8230,000 | 266,000 | 8375,000 | 283,000 | 8565,000 | 295,000 | 8735,000 |
| GR | 295,000 | 8890,000 | 274,000 | 9060,000 | 283,000 | 9215,000 | 283,000 | 9365,000 | 295,000 | 9495,000 |
| GR | 297,000 | 9605,000 | 306,000 | 9740,000 | 309,000 | 9795,000 | .000 | .000 | .000 | .000 |
| MC | .100 | .100 | .050 | .100 | .300 | .000 | .000 | .000 | .000 | .000 |
| NH | 3,000 | .130 | 5000,000 | .050 | 5060,610 | .150 | 5218,100 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9,100 | 4775,000 | 5218,000 |

FIRST CROSS SECTION FOR BRIDGE # 3, SR 1515

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 62182,000 | 24,000 | 5000,000 | 5060,610 | 807,000 | 677,000 | 897,100 | .000 | .680 | .000 |
| GR | 208,000 | 4060,000 | 204,000 | 4210,000 | 200,000 | 4397,500 | 196,000 | 4585,000 | 192,000 | 4910,000 |
| GR | 189,870 | 5000,000 | 181,700 | 5002,340 | 181,200 | 5010,000 | 181,500 | 5020,000 | 181,780 | 5029,250 |
| GR | 181,780 | 5029,260 | 181,780 | 5031,740 | 181,780 | 5031,750 | 181,780 | 5032,000 | 182,100 | 5036,250 |
| GR | 182,400 | 5040,000 | 184,760 | 5048,000 | 185,600 | 5059,500 | 189,980 | 5060,610 | 192,000 | 5105,600 |
| GR | 196,000 | 5165,600 | 200,000 | 5183,100 | 204,000 | 5208,100 | 208,000 | 5218,100 | .000 | .000 |
| MC | .000 | .000 | .000 | .300 | .500 | .000 | .000 | .000 | .000 | .000 |
| NH | 3,000 | .130 | 5000,000 | .050 | 5060,610 | .130 | 5218,100 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9,100 | 4729,000 | 5079,000 |

02-26-86 01:03:45

| | | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 62424.000 | 33.000 | 5000.000 | 5060.610 | 242.000 | 242.000 | 242.000 | 242.000 | 187.730 | 600 | .000 |
| X3 | 10.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 187.730 | 187.730 | .000 |
| GR | 208.000 | 4060.000 | 204.000 | 4210.000 | 200.000 | 4397.500 | 196.000 | 196.000 | 4585.000 | 152.000 | 4910.000 |
| GR | 189.870 | 5000.000 | 187.610 | 5000.010 | 187.610 | 5001.000 | 181.200 | 181.200 | 5001.010 | 184.610 | 5002.000 |
| GR | 183.980 | 5002.010 | 183.980 | 5002.330 | 181.700 | 5002.340 | 181.780 | 181.780 | 5010.000 | 181.500 | 5020.000 |
| GR | 181.780 | 5029.250 | 181.780 | 5029.260 | 181.780 | 5031.740 | 181.780 | 181.780 | 5031.750 | 181.780 | 5032.000 |
| GR | 182.100 | 5036.250 | 182.400 | 5040.000 | 184.760 | 5048.000 | 185.600 | 185.600 | 5059.500 | 187.740 | 5059.600 |
| GR | 187.740 | 5060.500 | 187.740 | 5060.600 | 189.990 | 5060.610 | 192.000 | 192.000 | 196.000 | 196.000 | 5165.600 |
| GR | 200.000 | 5183.100 | 204.000 | 5208.100 | 208.000 | 5218.100 | .000 | .000 | .000 | .000 | .000 |
| NH | 3.000 | .130 | 5000.000 | .038 | 5060.610 | .130 | 5218.100 | 5218.100 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 4729.000 | 4729.000 | 5079.000 |

BRIDGE # 3, SR 1515

| | | | | | | | | | | | |
|----|-----------|----------|---------|---------|----------|---------|---------|---------|----------|---------|---------|
| X1 | 62425.000 | .000 | .000 | .000 | 1.000 | 1.000 | 1.000 | 1.000 | .000 | .000 | .000 |
| BT | -27.000 | 4060.000 | 208.000 | 208.000 | 4210.000 | 204.000 | 204.000 | 204.000 | 4397.500 | 200.000 | 200.000 |
| BT | .000 | 4585.000 | 196.000 | 196.000 | 4910.000 | 192.000 | 192.000 | 192.000 | 5000.000 | 189.870 | 189.870 |
| BT | .000 | 5000.010 | 190.370 | 187.610 | 5001.000 | 190.370 | 187.610 | 187.610 | 5002.000 | 190.360 | 187.610 |
| BT | .000 | 5010.000 | 190.340 | 187.640 | 5020.000 | 190.300 | 187.670 | 187.670 | 5029.250 | 190.270 | 187.710 |
| BT | .000 | 5029.260 | 190.270 | 187.680 | 5031.740 | 190.280 | 181.780 | 181.780 | 5031.750 | 190.280 | 187.710 |
| BT | .000 | 5040.000 | 190.340 | 187.720 | 5048.000 | 190.390 | 187.730 | 187.730 | 5059.500 | 190.470 | 187.740 |
| BT | .000 | 5059.600 | 190.470 | 187.740 | 5060.500 | 190.480 | 187.740 | 187.740 | 5060.600 | 190.480 | 187.740 |
| BT | .000 | 5060.610 | 189.980 | 189.980 | 5105.600 | 192.000 | 192.000 | 192.000 | 5165.600 | 196.000 | 196.000 |
| BT | .000 | 5183.100 | 200.000 | 200.000 | 5208.100 | 204.000 | 204.000 | 204.000 | 5218.100 | 208.000 | 208.000 |

| | | | | | | | | | | | |
|----|-----------|------|----------|------|----------|--------|----------|----------|---------|----------|----------|
| NH | 3.000 | .130 | 5000.000 | .050 | 5060.610 | .130 | 5218.100 | 5218.100 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 4729.000 | 5079.000 |
| X1 | 62446.000 | .000 | .000 | .000 | 21.000 | 21.000 | 21.000 | 21.000 | .000 | .000 | .000 |
| X2 | .000 | .000 | .000 | .000 | .000 | .000 | 1.000 | 1.000 | .000 | .000 | .000 |
| NH | 3.000 | .130 | 5000.000 | .038 | 5060.610 | .130 | 5218.100 | 5218.100 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 4729.000 | 5079.000 |
| X1 | 62447.000 | .000 | .000 | .000 | 1.000 | 1.000 | 1.000 | 1.000 | .000 | .000 | .000 |
| X3 | 10.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 187.670 | 187.730 | .000 |
| NH | 3.000 | .130 | 5000.000 | .050 | 5060.610 | .130 | 5218.100 | 5218.100 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 4729.000 | 5079.000 |

LAST CROSS SECTION FOR BRIDGE # 3, SR 1515

| | | | | | | | | | | | |
|----|-----------|----------|----------|----------|---------|----------|---------|---------|----------|---------|----------|
| X1 | 62506.000 | 24.000 | 5000.000 | 5060.610 | 59.600 | 59.600 | 59.600 | 59.600 | .000 | .220 | .000 |
| GR | 208.000 | 4060.000 | 204.000 | 4210.000 | 200.000 | 4397.500 | 196.000 | 196.000 | 4585.000 | 192.000 | 4910.000 |
| GR | 189.870 | 5000.000 | 181.700 | 5002.340 | 181.720 | 5010.000 | 161.750 | 161.750 | 5020.000 | 181.780 | 5029.250 |
| GR | 181.780 | 5029.260 | 181.780 | 5031.740 | 181.780 | 5031.750 | 181.780 | 181.780 | 5032.000 | 182.100 | 5036.250 |
| GR | 182.400 | 5040.000 | 184.760 | 5048.000 | 185.600 | 5059.500 | 189.980 | 189.980 | 5060.610 | 192.000 | 5105.600 |
| GR | 196.000 | 5165.600 | 200.000 | 5183.100 | 204.000 | 5208.100 | 208.000 | 208.000 | 5218.100 | .000 | .000 |

| | | | | | | | | | | |
|----|-------|------|----------|------|----------|------|----------|--------|----------|------|
| NH | 4.000 | .060 | 5030.000 | .085 | 5178.000 | .048 | 5240.000 | .150 | 6985.000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 10.410 | .000 | .000 |

CROSS SECTION YJ-2

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 66155.000 | 18.000 | 5178.000 | 5240.000 | 225.000 | 100.000 | 190.000 | .000 | .000 | .000 |
| GR | 220.000 | 5000.000 | 216.000 | 5010.000 | 212.000 | 5030.000 | 208.000 | 5050.000 | 204.000 | 5100.000 |
| GR | 202.000 | 5178.000 | 196.100 | 5185.000 | 195.000 | 5195.000 | 194.200 | 5205.000 | 194.800 | 5223.000 |
| GR | 196.100 | 5230.000 | 202.000 | 5240.000 | 204.000 | 5585.000 | 205.000 | 5835.000 | 208.000 | 6425.000 |
| GR | 212.000 | 6725.000 | 216.000 | 6875.000 | 220.000 | 6985.000 | .000 | .000 | .000 | .000 |
| NH | 4.000 | .180 | 5500.000 | .046 | 5550.000 | .095 | 5870.000 | .180 | 7000.000 | .000 |

CROSS SECTION YJ-3

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 66405.000 | 21.000 | 5500.000 | 5550.000 | 195.000 | 100.000 | 250.000 | .000 | .000 | .000 |
| GR | 216.000 | 5000.000 | 212.000 | 5030.000 | 208.000 | 5050.000 | 204.000 | 5250.000 | 200.000 | 5450.000 |
| GR | 202.000 | 5500.000 | 195.700 | 5505.000 | 195.500 | 5511.000 | 194.880 | 5516.000 | 195.170 | 5523.000 |
| GR | 195.190 | 5533.000 | 195.470 | 5542.000 | 195.800 | 5547.000 | 202.000 | 5550.000 | 200.000 | 5570.000 |
| GR | 204.000 | 5700.000 | 205.000 | 5870.000 | 208.000 | 6440.000 | 212.000 | 6740.000 | 216.000 | 6890.000 |
| GR | 220.000 | 7000.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| NH | 5.000 | .180 | 6110.000 | .160 | 6510.000 | .085 | 7095.000 | .048 | 7162.000 | .080 |
| NH | 7520.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |

CROSS SECTION YK

| | | | | | | | | | | |
|----|-----------|----------|----------|-----------|-----------|-----------|-----------|-----------|----------|----------|
| X1 | 67675.000 | 30.000 | 7095.000 | 7142.000 | 980.000 | 1150.000 | 1270.000 | .000 | .000 | .000 |
| GR | 268.000 | 5670.000 | 255.000 | 5750.000 | 224.000 | 5950.000 | 220.000 | 5965.000 | 216.000 | 6005.000 |
| GR | 212.000 | 6110.000 | 211.000 | 6230.000 | 211.000 | 6350.000 | 208.000 | 6455.000 | 204.000 | 6510.000 |
| GR | 204.000 | 6595.000 | 205.000 | 6595.000 | 205.000 | 6835.000 | 205.000 | 7070.000 | 205.400 | 7095.000 |
| GR | 200.300 | 7099.000 | 200.100 | 7100.000 | 198.900 | 7110.000 | 198.200 | 7120.000 | 199.900 | 7130.000 |
| GR | 200.300 | 7130.000 | 201.700 | 7130.500 | 207.300 | 7142.000 | 207.300 | 7170.000 | 212.000 | 7190.000 |
| GR | 216.000 | 7200.000 | 220.000 | 7210.000 | 224.000 | 7230.000 | 237.000 | 7400.000 | 238.000 | 7520.000 |
| QT | 7.000 | 3543.000 | 7863.000 | 10761.000 | 21263.000 | 12102.000 | 16202.000 | 10761.000 | .000 | .000 |
| NH | 5.000 | .160 | 6785.000 | .085 | 6975.000 | .048 | 7047.000 | .080 | 7218.000 | .110 |
| NH | 7218.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |

CROSS SECTION YL

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 69935.000 | 30.000 | 6975.000 | 7047.000 | 1650.000 | 2350.000 | 2260.000 | .000 | .000 | .000 |
| GR | 232.000 | 5780.000 | 228.000 | 5800.000 | 224.000 | 5840.000 | 220.000 | 5920.000 | 218.000 | 6020.000 |
| GR | 216.000 | 6080.000 | 215.000 | 6190.000 | 212.000 | 6320.000 | 208.000 | 6440.000 | 208.000 | 6460.000 |
| GR | 209.000 | 6570.000 | 212.000 | 6660.000 | 213.000 | 6785.000 | 213.000 | 6895.000 | 214.000 | 6975.000 |
| GR | 211.600 | 6987.000 | 209.400 | 6992.000 | 207.800 | 6993.000 | 207.400 | 6995.000 | 207.200 | 7005.000 |
| GR | 206.800 | 7015.000 | 206.900 | 7025.000 | 206.700 | 7035.000 | 207.300 | 7038.000 | 207.800 | 7038.000 |
| GR | 213.300 | 7047.000 | 212.100 | 7053.000 | 216.000 | 7123.000 | 220.000 | 7183.000 | 222.000 | 7218.000 |

| | | | | | | | | | | |
|----|-------|------|----------|------|----------|------|----------|------|----------|------|
| NC | .100 | .100 | .050 | .100 | .300 | .000 | .600 | .000 | .000 | .000 |
| NH | 4.000 | .085 | 4999.990 | .048 | 5104.000 | .085 | 5325.000 | .110 | 5475.000 | .000 |

FIRST CROSS SECTION FOR BRIDGE #4, NC 268

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 70208.000 | 25.000 | 4999.990 | 5104.000 | 240.000 | 215.000 | 273.250 | .000 | -1.830 | .000 |
| GR | 232.000 | 4510.000 | 224.000 | 4613.000 | 216.000 | 4725.000 | 213.500 | 4999.990 | 213.500 | 5000.000 |
| GR | 213.500 | 5001.000 | 213.360 | 5001.010 | 213.360 | 5001.500 | 211.880 | 5001.510 | 212.050 | 5010.000 |
| GR | 209.680 | 5032.500 | 210.300 | 5057.000 | 209.700 | 5067.500 | 209.700 | 5072.540 | 211.410 | 5086.000 |
| GR | 212.050 | 5099.000 | 212.520 | 5103.600 | 213.840 | 5103.610 | 213.840 | 5104.000 | 213.500 | 5117.000 |
| GR | 216.000 | 5130.000 | 220.000 | 5150.000 | 224.000 | 5325.000 | 228.000 | 5450.000 | 232.000 | 5475.000 |

| | | | | | | | | | | |
|----|-------|------|----------|------|----------|------|----------|------|----------|------|
| NC | .000 | .000 | .000 | .300 | .500 | .000 | .000 | .000 | .000 | .000 |
| NH | 4.000 | .085 | 4999.990 | .048 | 5104.000 | .085 | 5325.000 | .110 | 5475.000 | .000 |

BRIDGE # 4, NC 268

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 70630.000 | .000 | .000 | .000 | 420.600 | 420.600 | 420.600 | .000 | .000 | .000 |
| X5 | 10.000 | .000 | .000 | .000 | .000 | .000 | .000 | 222.000 | 218.000 | .000 |
| NH | 4.000 | .085 | 4999.990 | .048 | 5104.010 | .085 | 5180.400 | .110 | 5205.400 | .000 |
| SB | 1.250 | 1.560 | 2.600 | .000 | 90.000 | 8.000 | 977.000 | .116 | 209.680 | 209.680 |
| X1 | 70661.000 | 54.000 | 4999.990 | 5104.010 | 32.300 | 32.300 | 32.300 | .000 | .000 | .000 |
| X2 | .000 | .000 | 1.000 | 221.400 | 222.100 | .000 | .000 | .000 | .000 | .000 |
| X3 | 10.000 | .000 | .000 | .000 | .000 | .000 | .000 | 223.370 | 220.850 | .000 |
| BT | -38.000 | 4772.500 | 232.000 | 232.000 | 4792.500 | 226.070 | 226.070 | 4837.500 | 224.000 | 224.000 |
| BT | .000 | 4999.990 | 223.370 | 213.360 | 5000.000 | 225.570 | 213.360 | 5001.000 | 225.570 | 213.360 |
| BT | .000 | 5001.010 | 225.560 | 221.400 | 5001.500 | 225.550 | 221.390 | 5001.510 | 225.550 | 221.390 |
| BT | .000 | 5010.000 | 225.450 | 221.280 | 5033.750 | 225.160 | 220.960 | 5033.760 | 225.160 | 217.750 |
| BT | .000 | 5034.010 | 225.160 | 217.750 | 5034.020 | 225.160 | 214.140 | 5036.020 | 225.140 | 214.140 |
| BT | .000 | 5036.030 | 225.140 | 217.750 | 5036.280 | 225.130 | 217.750 | 5036.290 | 225.130 | 220.930 |
| BT | .000 | 5057.000 | 224.880 | 220.650 | 5068.750 | 224.740 | 220.490 | 5068.760 | 224.740 | 217.000 |
| BT | .000 | 5069.010 | 224.740 | 217.000 | 5069.020 | 224.740 | 213.680 | 5071.020 | 224.710 | 213.680 |
| BT | .000 | 5071.030 | 224.710 | 217.000 | 5071.280 | 224.710 | 217.000 | 5071.290 | 224.710 | 220.460 |
| BT | .000 | 5086.000 | 224.530 | 220.260 | 5099.000 | 224.380 | 220.090 | 5103.600 | 224.320 | 220.030 |
| BT | .000 | 5103.610 | 224.320 | 220.030 | 5104.000 | 224.320 | 220.020 | 5104.010 | 224.320 | 213.840 |
| BT | .000 | 5105.390 | 224.300 | 213.840 | 5105.400 | 222.100 | 213.840 | 5180.400 | 220.850 | 220.000 |
| BT | .000 | 5185.400 | 228.000 | 228.000 | 5205.400 | 232.000 | 232.000 | .000 | .000 | .000 |
| GR | 232.000 | 4772.500 | 226.070 | 4792.500 | 224.000 | 4837.500 | 213.360 | 4999.990 | 213.360 | 5000.000 |
| GR | 213.360 | 5001.000 | 213.360 | 5001.010 | 213.360 | 5001.500 | 211.880 | 5001.510 | 212.050 | 5010.000 |
| GR | 209.680 | 5032.500 | 211.640 | 5032.510 | 211.640 | 5033.010 | 214.140 | 5033.020 | 214.140 | 5033.750 |
| GR | 214.140 | 5033.760 | 214.140 | 5034.010 | 214.140 | 5034.020 | 214.140 | 5036.020 | 214.140 | 5036.030 |
| GR | 214.140 | 5036.280 | 214.140 | 5036.290 | 214.140 | 5037.020 | 211.640 | 5037.030 | 211.640 | 5037.530 |
| GR | 209.680 | 5037.540 | 210.300 | 5057.000 | 209.700 | 5067.500 | 211.180 | 5067.510 | 211.180 | 5068.010 |
| GR | 213.680 | 5068.020 | 213.680 | 5068.750 | 213.680 | 5068.760 | 213.680 | 5069.010 | 213.680 | 5069.020 |
| GR | 213.680 | 5071.020 | 213.680 | 5071.030 | 213.680 | 5071.280 | 213.680 | 5071.290 | 213.680 | 5072.020 |
| GR | 211.180 | 5072.030 | 211.180 | 5072.530 | 209.700 | 5072.540 | 211.410 | 5086.000 | 212.050 | 5099.000 |
| GR | 212.520 | 5103.600 | 213.840 | 5103.610 | 213.840 | 5104.000 | 213.840 | 5104.010 | 213.840 | 5105.390 |
| GR | 213.840 | 5105.400 | 220.000 | 5180.400 | 228.000 | 5185.400 | 232.000 | 5205.400 | .000 | .000 |

| | | | | | | | | | | |
|----|-------|------|----------|------|----------|------|----------|------|----------|------|
| NH | 4.000 | .080 | 4999.990 | .048 | 5104.000 | .080 | 5180.400 | .180 | 5205.400 | .000 |
|----|-------|------|----------|------|----------|------|----------|------|----------|------|

LAST CROSS SECTION FOR BRIDGE #4; HC 268

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 70766.000 | 25.000 | 4999.990 | 5104.000 | 104.400 | 104.400 | 104.400 | .000 | .540 | .000 |
| GR | 232.000 | 4772.500 | 228.000 | 4792.500 | 224.000 | 4837.500 | 216.000 | 4999.990 | 213.360 | 5000.000 |
| GR | 213.360 | 5001.000 | 213.360 | 5001.010 | 213.360 | 5001.500 | 211.880 | 5001.510 | 212.050 | 5010.000 |
| GR | 209.680 | 5032.500 | 210.300 | 5057.000 | 209.700 | 5067.500 | 209.700 | 5072.540 | 211.410 | 5086.000 |
| GR | 212.050 | 5099.000 | 212.320 | 5103.600 | 213.840 | 5103.610 | 213.840 | 5104.000 | 213.840 | 5104.400 |
| GR | 213.840 | 5105.390 | 213.840 | 5105.400 | 220.000 | 5180.400 | 223.000 | 5185.400 | 232.000 | 5205.400 |

| | | | | | | | | | | |
|----|-------|------|----------|------|----------|------|----------|-------|----------|----------|
| NH | 4.000 | .120 | 5080.000 | .068 | 5270.000 | .110 | 5350.000 | .180 | 6290.000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 9.100 | 5070.000 | 5280.000 |

CROSS SECTION YL-1

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 71225.000 | 19.000 | 5080.000 | 5270.000 | 364.000 | 414.000 | 459.000 | .000 | .000 | .000 |
| GR | 232.000 | 5000.000 | 228.000 | 5010.000 | 224.000 | 5050.000 | 220.000 | 5080.000 | 213.000 | 5090.000 |
| GR | 211.110 | 5115.000 | 213.000 | 5140.000 | 220.000 | 5150.000 | 221.000 | 5180.000 | 220.000 | 5210.000 |
| GR | 213.000 | 5215.000 | 211.110 | 5240.000 | 213.000 | 5265.000 | 216.000 | 5270.000 | 220.000 | 5350.000 |
| GR | 224.000 | 5570.000 | 228.000 | 6210.000 | 232.000 | 6240.000 | 240.000 | 6290.000 | .000 | .000 |

| | | | | | | | | | | |
|----|-------|------|----------|------|----------|------|----------|--------|----------|------|
| NC | .100 | .100 | .050 | .100 | .300 | .000 | .000 | .000 | .000 | .000 |
| NH | 4.000 | .120 | 6709.000 | .105 | 7005.000 | .095 | 7455.000 | .120 | 7790.000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 10.410 | .000 | .000 |

CROSS SECTION YH

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 71785.000 | 36.000 | 6709.000 | 7005.000 | 530.000 | 545.000 | 560.000 | .000 | .000 | .000 |
| X4 | 1.000 | 228.000 | 6515.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| GR | 232.000 | 6315.000 | 227.000 | 6595.000 | 226.000 | 6685.000 | 226.600 | 6699.000 | 222.900 | 6709.000 |
| GR | 222.900 | 6712.000 | 215.500 | 6719.000 | 214.600 | 6725.000 | 214.900 | 6735.000 | 215.200 | 6745.000 |
| GR | 215.300 | 6753.000 | 219.600 | 6760.000 | 220.300 | 6785.000 | 221.900 | 6835.000 | 221.100 | 6885.000 |
| GR | 221.100 | 6908.000 | 219.500 | 6938.000 | 218.800 | 6941.000 | 219.600 | 6944.000 | 220.200 | 6955.000 |
| GR | 219.700 | 6973.000 | 214.900 | 6977.000 | 214.700 | 6977.100 | 214.600 | 6985.000 | 214.700 | 6995.000 |
| GR | 214.900 | 7003.000 | 220.400 | 7005.000 | 221.000 | 7015.000 | 220.500 | 7035.000 | 222.000 | 7095.000 |
| GR | 224.000 | 7165.000 | 226.000 | 7225.000 | 226.000 | 7455.000 | 228.000 | 7750.000 | 232.000 | 7770.000 |
| GR | 240.000 | 7790.000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |

| | | | | | | | | | | |
|----|-------|------|----------|------|----------|------|----------|------|----------|------|
| NH | 4.000 | .120 | 5850.000 | .086 | 6050.000 | .095 | 6590.000 | .120 | 6610.000 | .000 |
|----|-------|------|----------|------|----------|------|----------|------|----------|------|

CROSS SECTION YH-1

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 72165.000 | 20.000 | 5850.000 | 6050.000 | 400.000 | 275.000 | 380.000 | .000 | .000 | .000 |
| GR | 240.000 | 5900.000 | 236.000 | 5020.000 | 232.000 | 5120.000 | 228.000 | 5500.000 | 224.000 | 5840.000 |
| GR | 220.000 | 5350.000 | 217.000 | 5855.000 | 215.280 | 5877.500 | 217.000 | 5900.000 | 220.000 | 5905.000 |
| GR | 221.000 | 5945.000 | 220.000 | 5985.000 | 217.000 | 5992.500 | 215.280 | 6017.500 | 217.000 | 6042.500 |
| GR | 220.000 | 6050.000 | 224.000 | 6150.000 | 228.000 | 6280.000 | 232.000 | 6590.000 | 240.000 | 6610.000 |

THIS RUN EXECUTED 02-26-86 01:08:55

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

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

YADKIN RIVER

SUMMARY PRINTOUT TABLE 110

| SECTNO | CWSEL | DIFKWS | EG | TOPWID | QLOB | QCH | QROB | PERENG | STENCL | STCHL | STCHR | STENCR |
|-----------|--------|--------|--------|---------|----------|---------|---------|---------|---------|---------|---------|---------|
| 47010.000 | 157.00 | 2.00 | 157.54 | 1752.50 | 13837.79 | 9468.64 | 1719.57 | .00 | .00 | 7275.00 | 7345.00 | .00 |
| 47010.000 | 158.00 | 1.00 | 158.55 | 672.50 | 13822.07 | 9809.23 | 1394.71 | .16 | 6736.99 | 7275.00 | 7345.00 | 7409.49 |
| 47935.000 | 159.33 | .00 | 159.49 | 2966.41 | 10574.16 | 5781.59 | 8670.25 | .00 | .00 | 8300.00 | 8375.00 | .00 |
| 47935.000 | 160.27 | .93 | 160.49 | 1175.00 | 11426.00 | 6748.84 | 6851.16 | 1175.00 | 7550.00 | 8300.00 | 8375.00 | 8725.00 |
| 48377.000 | 159.78 | .00 | 159.83 | 3257.02 | 14322.24 | 5293.94 | 5409.82 | .00 | .00 | 5000.00 | 5106.00 | .00 |
| 48377.000 | 160.77 | .99 | 160.84 | 1204.06 | 14674.89 | 5817.76 | 4533.34 | .13 | 4095.26 | 5000.00 | 5106.00 | 5299.32 |
| 48922.000 | 160.18 | .00 | 160.39 | 1525.45 | 10272.00 | 8035.38 | 6718.63 | .00 | .00 | 5000.00 | 5106.00 | .00 |
| 48922.000 | 161.13 | .95 | 161.40 | 700.00 | 10185.56 | 8820.19 | 6020.25 | 700.00 | 4579.00 | 5000.00 | 5106.00 | 5279.00 |
| 48949.000 | 160.46 | .00 | 160.50 | 1535.78 | 4950.76 | 4273.12 | 2676.12 | .00 | .00 | 5000.00 | 5136.41 | .00 |
| 48949.000 | 161.35 | .89 | 161.40 | 700.00 | 4886.55 | 4789.44 | 2224.02 | 700.00 | 4579.00 | 5000.00 | 5136.41 | 5279.00 |
| 49084.000 | 160.50 | .00 | 160.55 | 1489.05 | 4835.20 | 3892.30 | 3172.50 | .00 | .00 | 5000.00 | 5106.00 | .00 |
| 49084.000 | 161.38 | .89 | 161.45 | 700.00 | 3857.90 | 4213.39 | 3828.70 | 700.00 | 4703.00 | 5000.00 | 5106.00 | 5403.00 |
| 50145.000 | 162.43 | .00 | 162.83 | 1423.06 | 2971.37 | 5196.66 | 3731.97 | .00 | .00 | 5910.00 | 5977.00 | .00 |
| 50145.000 | 163.33 | .90 | 163.89 | 730.19 | 2753.98 | 6146.42 | 2999.60 | .30 | 5575.67 | 5910.00 | 5977.00 | 6305.86 |
| 52015.000 | 167.62 | .00 | 167.87 | 1758.69 | 4258.22 | 4627.20 | 3014.58 | .00 | .00 | 7230.00 | 7296.00 | .00 |
| 52015.000 | 168.49 | .87 | 168.77 | 770.00 | 4602.05 | 4994.91 | 2303.04 | 770.00 | 6841.00 | 7230.00 | 7296.00 | 7611.00 |
| 52995.000 | 169.45 | .00 | 169.63 | 1874.04 | 4168.73 | 4350.39 | 3380.88 | .00 | .00 | 7184.00 | 7250.00 | .00 |
| 52995.000 | 170.43 | .98 | 170.80 | 770.00 | 3150.87 | 5803.56 | 2945.57 | 770.00 | 6973.00 | 7184.00 | 7250.00 | 7743.00 |
| 53815.000 | 171.24 | .00 | 171.78 | 1151.15 | 878.15 | 7450.80 | 3571.05 | .00 | .00 | 6135.00 | 6235.00 | .00 |
| 53815.000 | 172.24 | 1.00 | 172.66 | 770.00 | 762.32 | 7264.59 | 3873.09 | 770.00 | 6065.00 | 6135.00 | 6235.00 | 6835.00 |
| 55015.000 | 175.47 | .00 | 175.90 | 1489.59 | 726.29 | 5182.38 | 5991.33 | .00 | .00 | 7335.00 | 7400.00 | .00 |
| 55015.000 | 175.85 | .38 | 176.38 | 705.00 | 664.24 | 5702.52 | 5533.24 | 705.00 | 7235.00 | 7335.00 | 7400.00 | 7940.00 |

| SECNO | CVSEL | DIFKWS | EG | TOPWID | QLOB | QCH | QR08 | PERENC | STENCL | STCHL | STCHR | STENCR |
|-----------|--------|--------|--------|---------|---------|---------|---------|--------|---------|---------|---------|---------|
| 55555.000 | 177.67 | .00 | 178.25 | 2091.33 | 4214.76 | 7673.87 | 11.37 | .00 | .00 | 7200.00 | 7325.00 | .00 |
| 55555.000 | 178.14 | .47 | 178.81 | 573.42 | 3555.46 | 8342.56 | 1.98 | 575.00 | 6850.00 | 7200.00 | 7325.00 | 7425.00 |
| 57175.000 | 181.75 | .00 | 182.13 | 2062.42 | 5388.19 | 6499.19 | 12.62 | .00 | .00 | 7215.00 | 7283.00 | .00 |
| 57175.000 | 182.70 | .95 | 183.15 | 434.00 | 4720.91 | 7179.09 | .00 | 434.00 | 6849.00 | 7215.00 | 7283.00 | 7283.00 |
| 57855.000 | 183.21 | .00 | 183.74 | 1575.72 | 5128.04 | 6770.50 | 1.46 | .00 | .00 | 6785.00 | 6853.00 | .00 |
| 57855.000 | 184.21 | 1.00 | 184.87 | 366.96 | 4248.22 | 7651.78 | .00 | .20 | 6486.04 | 6785.00 | 6853.00 | 6853.00 |
| 57865.000 | 183.40 | .00 | 183.78 | 1619.52 | 4856.54 | 6067.14 | 976.32 | .00 | .00 | 6785.00 | 6853.00 | .00 |
| 57865.000 | 184.32 | .91 | 184.90 | 418.00 | 4167.10 | 7358.21 | 374.69 | 418.00 | 6489.00 | 6785.00 | 6853.00 | 6907.00 |
| 58695.000 | 185.48 | .00 | 186.16 | 1122.93 | 2251.61 | 8201.86 | 1475.53 | .00 | .00 | 4973.20 | 5060.00 | .00 |
| 58695.000 | 186.48 | 1.00 | 187.14 | 500.00 | 2173.99 | 8542.47 | 1212.53 | 500.00 | 4723.00 | 4973.20 | 5060.00 | 5223.00 |
| 58934.000 | 186.34 | .00 | 187.07 | 1111.50 | 2169.74 | 8336.86 | 1422.40 | .00 | .00 | 4973.20 | 5060.00 | .00 |
| 58934.000 | 187.19 | .85 | 187.96 | 430.00 | 1858.36 | 8865.64 | 1205.00 | 430.00 | 4798.00 | 4973.20 | 5060.00 | 5228.00 |
| 58935.000 | 187.11 | .00 | 187.25 | 1161.97 | 4654.20 | 3307.89 | 3966.90 | .00 | .00 | 5001.20 | 5060.01 | .00 |
| 58935.000 | 187.75 | .64 | 188.10 | 430.00 | 4125.44 | 4569.63 | 3233.93 | 430.00 | 4813.00 | 5001.20 | 5060.01 | 5243.00 |
| 58955.000 | 187.10 | .00 | 187.32 | 1166.25 | 4668.53 | 3291.33 | 3969.14 | .00 | .00 | 5001.20 | 5060.01 | .00 |
| 58955.000 | 187.87 | .69 | 188.20 | 430.00 | 4138.10 | 4547.68 | 3243.22 | 430.00 | 4813.00 | 5001.20 | 5060.01 | 5243.00 |
| 58956.000 | 187.03 | .00 | 187.48 | 1155.64 | 2776.70 | 7313.07 | 1839.23 | .00 | .00 | 4973.20 | 5060.00 | .00 |
| 58956.000 | 187.73 | .70 | 188.35 | 391.05 | 2386.43 | 8418.25 | 1124.32 | .19 | 4771.83 | 4973.20 | 5060.00 | 5162.88 |
| 59015.000 | 187.42 | .00 | 187.64 | 1154.76 | 2340.89 | 7277.59 | 2310.52 | .00 | .00 | 4932.50 | 5060.01 | .00 |
| 59015.000 | 188.26 | .84 | 188.55 | 484.00 | 1701.44 | 8354.22 | 1873.33 | 484.00 | 4796.00 | 4932.50 | 5060.01 | 5280.00 |
| 59295.000 | 187.83 | .00 | 188.39 | 1444.02 | 1589.66 | 7718.23 | 2621.11 | .00 | .00 | 6765.00 | 6858.00 | .00 |
| 59295.000 | 188.60 | .77 | 189.37 | 451.00 | 884.29 | 8978.75 | 2065.96 | 451.00 | 6707.00 | 6765.00 | 6858.00 | 7158.00 |
| 60645.000 | 191.76 | .00 | 192.39 | 1379.68 | 1489.46 | 8575.58 | 1863.96 | .00 | .00 | 6030.00 | 6130.00 | .00 |
| 60645.000 | 192.63 | .87 | 193.29 | 542.00 | 606.43 | 9149.99 | 2172.58 | 542.00 | 5988.00 | 6030.00 | 6130.00 | 6530.00 |
| 61285.000 | 193.86 | .00 | 194.55 | 1427.84 | 513.45 | 7558.30 | 3857.25 | .00 | .00 | 6225.00 | 6304.00 | .00 |
| 61285.000 | 194.66 | .80 | 195.57 | 459.77 | .00 | 8671.78 | 3257.22 | .22 | 6225.00 | 6225.00 | 6304.00 | 6684.77 |
| 62182.000 | 196.76 | .00 | 197.65 | 654.26 | 3008.90 | 8086.82 | 833.28 | .00 | .00 | 5000.00 | 5060.61 | .00 |
| 62182.000 | 197.67 | .91 | 198.47 | 400.88 | 2834.26 | 8094.30 | 1000.44 | 443.00 | 4775.00 | 5000.00 | 5060.61 | 5218.00 |
| 62424.000 | 197.67 | .00 | 198.44 | 666.13 | 3162.00 | 7770.44 | 996.57 | .00 | .00 | 5000.00 | 5060.61 | .00 |
| 62424.000 | 198.31 | .64 | 199.19 | 350.00 | 3311.08 | 8330.26 | 287.66 | 350.00 | 4729.00 | 5000.00 | 5060.61 | 5079.00 |
| 62425.000 | 198.13 | .00 | 198.55 | 689.81 | 4972.98 | 5427.78 | 1528.24 | .00 | .00 | 5000.00 | 5060.61 | .00 |
| 62425.000 | 198.69 | .56 | 199.28 | 350.00 | 5226.02 | 6263.54 | 439.44 | 350.00 | 4729.00 | 5000.00 | 5060.61 | 5079.00 |
| 62446.000 | 198.45 | .00 | 198.71 | 706.44 | 5741.55 | 4451.48 | 1735.96 | .00 | .00 | 5000.00 | 5060.61 | .00 |
| 62446.000 | 199.08 | .62 | 199.47 | 350.00 | 6115.26 | 5314.76 | 498.98 | 350.00 | 4729.00 | 5000.00 | 5060.61 | 5079.00 |

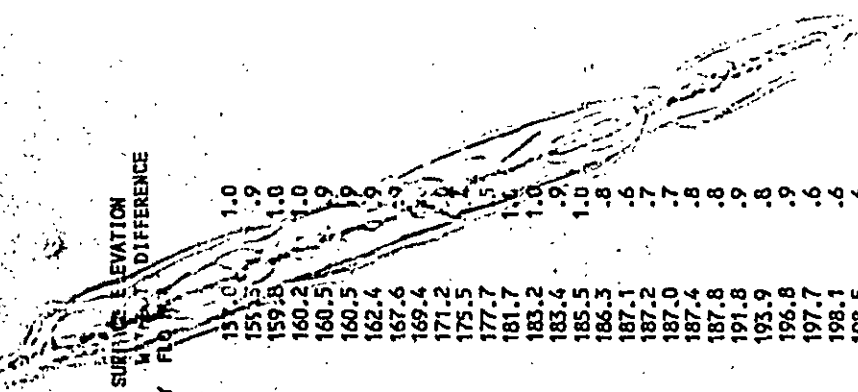
| SECNO | CWSEL | DIFKWS | EG | TOPWID | QLOB | OCH | QROB | PERENC | STENCL | STCHL | STCHR | STENCR |
|-------------|--------|--------|--------|---------|---------|----------|---------|--------|---------|---------|---------|---------|
| 62447.000 | 198.17 | .00 | 199.00 | 691.86 | 2870.70 | 8177.93 | 880.37 | .00 | .00 | 5000.00 | 5060.61 | .00 |
| 62447.000 | 198.79 | .62 | 199.76 | 350.00 | 2872.47 | 8816.91 | 239.62 | 350.00 | 4729.00 | 5000.00 | 5060.61 | 5079.00 |
| 62506.000 | 198.58 | .00 | 199.19 | 701.45 | 3503.38 | 7361.30 | 1064.31 | .00 | .00 | 5000.00 | 5060.61 | .00 |
| 62506.000 | 199.20 | .62 | 199.95 | 350.00 | 3470.83 | 8080.86 | 377.30 | 350.00 | 4734.00 | 5000.00 | 5060.61 | 5084.00 |
| 63385.000 | 200.66 | .00 | 201.10 | 926.29 | 6032.55 | 5191.56 | 704.89 | .00 | .00 | 6740.00 | 6785.00 | .00 |
| 63385.000 | 201.41 | .75 | 201.94 | 462.58 | 5907.88 | 5678.17 | 342.94 | .16 | 6352.68 | 6740.00 | 6785.00 | 6815.26 |
| 65615.000 | 205.91 | .00 | 206.44 | 1456.44 | 192.64 | 6419.44 | 5316.92 | .00 | .00 | 5955.00 | 6025.00 | .00 |
| 65615.000 | 206.73 | .83 | 207.35 | 309.00 | .00 | 6852.57 | 5076.43 | 309.00 | 5955.00 | 5955.00 | 6025.00 | 6264.00 |
| 65965.000 | 207.04 | .00 | 207.70 | 1133.74 | 36.89 | 6882.71 | 5009.40 | .00 | .00 | 5450.00 | 5520.00 | .00 |
| 65965.000 | 207.93 | .89 | 208.48 | 470.00 | .00 | 6659.67 | 5269.33 | 470.00 | 5450.00 | 5450.00 | 5520.00 | 5920.00 |
| 66155.000 | 207.51 | .00 | 208.31 | 1273.49 | 1171.55 | 6707.21 | 4050.24 | .00 | .00 | 5178.00 | 5240.00 | .00 |
| 66155.000 | 208.11 | .60 | 209.22 | 485.33 | .00 | 7756.16 | 4172.84 | .25 | 5178.00 | 5178.00 | 5240.00 | 5663.33 |
| 66405.000 | 208.51 | .00 | 208.88 | 1431.21 | 2660.74 | 4732.94 | 4535.32 | .00 | .00 | 5500.00 | 5550.00 | .00 |
| 66405.000 | 209.37 | .86 | 209.87 | 474.57 | 1800.02 | 5416.07 | 4712.92 | .22 | 5365.63 | 5500.00 | 5550.00 | 5840.20 |
| 67675.000 | 210.88 | .00 | 211.06 | 831.20 | 8995.28 | 2718.08 | 215.65 | .00 | .00 | 7095.00 | 7142.00 | .00 |
| 67675.000 | 211.90 | 1.02 | 212.13 | 528.23 | 8754.14 | 3174.86 | .00 | .22 | 6613.77 | 7095.00 | 7142.00 | 7142.00 |
| 69935.000 | 216.04 | .00 | 216.34 | 1045.12 | 6700.17 | 3752.24 | 308.60 | .00 | .00 | 6975.00 | 7047.00 | .00 |
| 69935.000 | 217.04 | 1.00 | 217.48 | 583.81 | 6132.21 | 4628.79 | .00 | .26 | 6463.19 | 6975.00 | 7047.00 | 7047.00 |
| 70208.000 | 216.84 | .00 | 217.61 | 455.71 | 3383.11 | 6962.42 | 415.47 | .00 | .00 | 4999.99 | 5104.00 | .00 |
| 70208.000 | 217.74 | .90 | 218.86 | 207.85 | 2239.47 | 8521.53 | .00 | .24 | 4896.15 | 4999.99 | 5104.00 | 5104.00 |
| 70630.000 | 218.65 | .00 | 220.06 | 170.81 | .00 | 9954.28 | 806.72 | .00 | .00 | 4999.99 | 5104.00 | .00 |
| 70630.000 | 219.57 | .93 | 221.04 | 104.01 | .00 | 10761.00 | .00 | .09 | 4999.99 | 4999.99 | 5104.00 | 5104.00 |
| * 70661.000 | 221.11 | .00 | 222.34 | 181.10 | .00 | 9673.54 | 1087.45 | .00 | .00 | 4999.99 | 5104.01 | .00 |
| * 70661.000 | 220.70 | .41 | 222.51 | 104.02 | .00 | 10761.00 | .00 | .12 | 4999.99 | 4999.99 | 5104.01 | 5104.01 |
| 70766.000 | 221.94 | .00 | 222.85 | 290.94 | 610.83 | 9136.80 | 1013.37 | .00 | .00 | 4999.99 | 5104.00 | .00 |
| 70766.000 | 221.75 | .18 | 223.24 | 108.48 | .00 | 10660.40 | 100.60 | .17 | 4999.99 | 4999.99 | 5104.00 | 5108.47 |
| 71225.000 | 224.17 | .00 | 224.55 | 548.68 | 79.71 | 8958.73 | 1722.56 | .00 | .00 | 5080.00 | 5270.00 | .00 |
| 71225.000 | 224.97 | .79 | 225.47 | 210.00 | 68.60 | 10493.05 | 199.31 | 210.00 | 5070.00 | 5080.00 | 5270.00 | 5280.00 |
| 71785.000 | 226.73 | .00 | 226.91 | 943.25 | 39.46 | 7937.10 | 2784.44 | .00 | .00 | 6709.00 | 7005.00 | .00 |
| 71785.000 | 227.69 | .96 | 227.94 | 399.75 | .00 | 9855.76 | 905.23 | .26 | 6709.00 | 6709.00 | 7005.00 | 7038.75 |
| 72165.000 | 227.97 | .00 | 228.18 | 776.37 | 806.04 | 8017.77 | 1937.19 | .00 | .00 | 5850.00 | 6050.00 | .00 |
| 72165.000 | 228.98 | 1.01 | 229.26 | 259.16 | 53.24 | 9424.14 | 1283.62 | .21 | 5845.21 | 5850.00 | 6050.00 | 6104.37 |
| 72490.000 | 228.48 | .00 | 230.41 | 267.74 | .00 | 9804.83 | 956.17 | .00 | .00 | 6420.00 | 6536.00 | .00 |
| 72490.000 | 229.38 | .90 | 231.39 | 115.58 | .00 | 10761.00 | .00 | .13 | 6420.00 | 6420.00 | 6536.00 | 6536.00 |

| SEONO | CASEL | DIFKMS | EG | TOPRID | QLOB | QCH | OROB | PERENC | STENCL | STCHL | STCHR | STENCR |
|-----------|--------|--------|--------|--------|---------|----------|---------|--------|---------|---------|---------|---------|
| 73565.000 | 236.19 | .00 | 237.51 | 181.97 | 273.56 | 9793.18 | 694.26 | .00 | .00 | 5102.50 | 5199.50 | 5199.50 |
| 73565.000 | 236.84 | .64 | 238.38 | 97.00 | .00 | 10761.00 | .00 | .11 | 5102.50 | 5102.50 | 5199.50 | 5199.50 |
| 74075.000 | 238.82 | .00 | 240.75 | 117.01 | 48.82 | 10712.18 | .00 | .00 | .00 | 5064.00 | 5168.00 | .00 |
| 74075.000 | 239.56 | .74 | 241.24 | 102.74 | .00 | 10761.00 | .00 | .01 | 5064.00 | 5064.00 | 5168.00 | 5168.00 |
| 74238.000 | 240.01 | .00 | 243.01 | 194.16 | 950.65 | 8280.59 | 1529.75 | .00 | .00 | 5000.00 | 5039.61 | .00 |
| 74238.000 | 240.17 | .16 | 243.59 | 100.00 | 530.90 | 8703.11 | 1526.99 | 100.00 | 4980.00 | 5000.00 | 5039.61 | 5080.00 |
| 74239.000 | 242.28 | .00 | 243.55 | 203.78 | 2088.35 | 5638.72 | 3033.93 | .00 | .00 | 5000.00 | 5039.61 | .00 |
| 74239.000 | 241.52 | -.76 | 243.91 | 108.82 | 1427.21 | 6834.82 | 2498.97 | .18 | 4966.01 | 5000.00 | 5039.61 | 5074.84 |
| 74251.000 | 242.54 | .00 | 243.70 | 204.91 | 2141.65 | 5529.21 | 3090.14 | .00 | .00 | 5000.00 | 5039.61 | .00 |
| 74251.000 | 242.38 | -.16 | 244.27 | 113.43 | 1560.11 | 6532.69 | 2668.23 | .17 | 4963.33 | 5000.00 | 5039.61 | 5076.76 |
| 74252.000 | 242.41 | .00 | 243.85 | 204.35 | 1410.46 | 7123.53 | 2227.01 | .00 | .00 | 5000.00 | 5039.61 | .00 |
| 74252.000 | 242.24 | -.17 | 244.43 | 99.82 | 834.57 | 8168.90 | 1755.73 | .15 | 4972.85 | 5000.00 | 5039.61 | 5072.67 |
| 74291.000 | 242.61 | .00 | 244.06 | 203.83 | 1275.17 | 7129.15 | 2356.67 | .00 | .00 | 5000.00 | 5039.61 | .00 |
| 74291.000 | 242.66 | .05 | 244.73 | 101.19 | 775.07 | 8065.79 | 1923.15 | .15 | 4972.60 | 5000.00 | 5039.61 | 5073.79 |

02-26-86 01:03:45

FLOODWAY DATA, YADKIN RIVER
PROFILE NO. 2

| STATION | WIDTH | FLOODWAY SECTION AREA | MEAN VELOCITY | WATER SURFACE ELEVATION WITH FLOODWAY FLOW | ELEVATION DIFFERENCE |
|-----------|--------|-----------------------|---------------|--|----------------------|
| 47010.000 | 672.0 | 6256. | 4.0 | 158.0 | 1.0 |
| 47935.000 | 1175.0 | 9449. | 2.6 | 160.2 | .9 |
| 48377.000 | 1204. | 14290. | 1.8 | 159.8 | 1.0 |
| 48922.000 | 700. | 7262. | 3.4 | 161.2 | 1.0 |
| 48949.000 | 700. | 7398. | 1.6 | 160.5 | .9 |
| 49084.000 | 700. | 6907. | 1.7 | 161.4 | .9 |
| 50145.000 | 730.0 | 3501. | 3.4 | 163.3 | .9 |
| 5015.000 | 770.0 | 4375. | 2.7 | 168.5 | 1.0 |
| 52995.000 | 770.0 | 48.4. | 2.5 | 170.4 | 1.0 |
| 53815.000 | 770.0 | 47.0. | 2.5 | 172.2 | 1.0 |
| 55015.000 | 705.0 | 4756. | 2.5 | 175.9 | 1.0 |
| 55555.000 | 755.0 | 3234. | 3.7 | 178.2 | 1.0 |
| 57175.000 | 434.0 | 3479. | 3.4 | 182.7 | 1.0 |
| 57855.000 | 367.0 | 2893. | 4.1 | 184.2 | 1.0 |
| 57865.000 | 418. | 3167. | 3.8 | 183.4 | .9 |
| 58695.000 | 500. | 3241. | 3.7 | 185.5 | 1.0 |
| 58934.000 | 430. | 2802. | 4.3 | 186.3 | .8 |
| 58935.000 | 430. | 3535. | 3.4 | 187.7 | .6 |
| 58955.000 | 430. | 3584. | 3.3 | 187.9 | .7 |
| 58956.000 | 391. | 3010. | 4.0 | 187.7 | .7 |
| 59015.000 | 484. | 4437. | 2.7 | 187.4 | .8 |
| 59295.000 | 451.0 | 2898. | 4.1 | 188.6 | .8 |
| 60645.000 | 542.0 | 3433. | 3.5 | 192.7 | .9 |
| 61285.000 | 440.0 | 2996. | 4.3 | 194.7 | .8 |
| 62182.000 | 401.0 | 2957. | 4.0 | 197.7 | .9 |
| 62424.000 | 350. | 2690. | 4.4 | 198.3 | .6 |
| 62425.000 | 350. | 2647. | 4.5 | 198.7 | .6 |
| 62446.000 | 350. | 2780. | 4.3 | 199.1 | .6 |
| 62447.000 | 350. | 2858. | 4.2 | 198.8 | .6 |
| 62506.000 | 350. | 2932. | 4.1 | 199.2 | .6 |
| 63385.000 | 463.0 | 4561. | 2.6 | 201.5 | .8 |
| 65615.000 | 309.0 | 2563. | 4.7 | 206.7 | .9 |
| 65965.000 | 470.0 | 2846. | 4.2 | 207.9 | .9 |
| 66155.000 | 485.0 | 2823. | 4.2 | 208.1 | .6 |
| 66405.000 | 475.0 | 3638. | 3.3 | 209.4 | .9 |
| 67675.000 | 528.0 | 3839. | 3.1 | 211.9 | 1.0 |
| 69935.000 | 584.0 | 3396. | 3.2 | 217.0 | 1.0 |
| 70208.000 | 208. | 1494. | 7.2 | 217.7 | .9 |
| 70630.000 | 104. | 1105. | 9.7 | 219.5 | .9 |
| 70661.000 | 104. | 996. | 10.8 | 220.8 | .3 |
| 70766.000 | 108. | 1117. | 9.6 | 221.9 | .1 |
| 71225.000 | 210.0 | 1953. | 5.5 | 224.2 | .8 |



FLOODWAY DATA, YADKIN RIVER
PROFILE NO. 2

| STATION | WIDTH | FLOODWAY SECTION AREA | MEAN VELOCITY | WATER SURFACE ELEVATION | | |
|-----------|---------|-----------------------------|------------------|-------------------------|---------------------|------------|
| | | | | WITH FLOODWAY | WITHOUT FLOODWAY | DIFFERENCE |
| 71785.000 | 330.9 T | 2693. | 4.0 | 227.7 | 226.7 | 1.0 |
| 72165.000 | 259. | 2629. | 4.1 | 229.0 | 228.0 | 1.0 |
| 72490.000 | 116. | 945. | 11.4 | 229.4 | 228.5 | .9 |
| 73565.000 | 97. K | 1080. | 10.0 | 236.8 | 236.2 | .6 |
| 74075.000 | 103. J | 1034. | 10.4 | 239.5 | 238.8 | .7 |
| 74238.000 | 100. | 867. | 12.4 | 240.2 | 240.0 | .2 |
| 74239.000 | 109. | 953. | 11.3 | 241.6 | 241.3 | -.7 |
| 74251.000 | 113. | 1073. | 10.0 | 242.4 | 242.5 | -.1 |
| 74252.000 | 100. | 1079. | 10.0 | 242.3 | 242.4 | -.1 |
| 74291.000 | 101. | 1104. | 9.8 | 242.7 | 242.6 | .1 |

02-26-86 03:50:13

FLOODWAY DATA, YADKIN RIVER
PROFILE NO. 2

| STATION | WIDTH | FLOODWAY SECTION AREA | MEAN VELOCITY | WATER SURFACE ELEVATION WITH FLOODWAY | WATER SURFACE ELEVATION WITHOUT FLOODWAY | DIFFERENCE |
|-----------|-------|-----------------------|---------------|---------------------------------------|--|------------|
| 74291.000 | 106. | 1127. | 9.6 | 242.7 | 242.6 | .1 |
| 74975.000 | 86. | 1134. | 9.5 | 246.1 | 245.4 | .7 |
| 75035.000 | 86. | 1139. | 9.4 | 246.4 | 245.6 | .8 |
| 75505.000 | 63. | 606. | 17.7 | 249.6 | 249.6 | .0 |
| 75735.000 | 66. | 1104. | 9.7 | 254.9 | 255.1 | -.2 |
| 75755.000 | 60. | 1003. | 10.7 | 254.7 | 255.5 | -.8 |
| 75785.000 | 72. | 1249. | 8.6 | 255.6 | 255.7 | -.1 |
| 75815.000 | 72. | 1253. | 8.6 | 255.7 | 255.7 | .0 |
| 75816.000 | 72. | 1022. | 10.5 | 255.4 | 255.9 | -.5 |
| 75834.000 | 72. | 1035. | 10.4 | 255.6 | 255.9 | -.3 |
| 75835.000 | 72. | 1324. | 8.1 | 256.3 | 255.9 | .4 |
| 75894.000 | 72. | 1243. | 8.7 | 256.4 | 255.9 | .5 |

| | | | | | | | | | | |
|----|-------|------|----------|------|----------|------|----------|--------|----------|------|
| NC | .100 | .100 | .050 | .100 | .300 | .000 | .000 | .000 | .000 | .000 |
| NH | 4.000 | .120 | 5085.000 | .050 | 5170.000 | .050 | 5400.000 | .129 | 5735.000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 86.200 | .000 | .000 |

CROSS SECTION YH-5

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 74975.000 | 20.000 | 5085.000 | 5170.000 | 573.000 | 598.000 | 629.000 | .000 | .000 | .000 |
| GR | 260.000 | 5000.000 | 252.000 | 5035.000 | 248.000 | 5050.000 | 244.000 | 5065.000 | 240.000 | 5085.000 |
| GR | 233.490 | 5100.000 | 231.830 | 5101.000 | 231.640 | 5106.000 | 230.950 | 5111.000 | 231.170 | 5121.000 |
| GR | 230.370 | 5131.000 | 230.410 | 5141.000 | 231.690 | 5151.000 | 233.590 | 5160.000 | 240.000 | 5170.000 |
| GR | 244.000 | 5180.000 | 248.000 | 5400.000 | 252.000 | 5500.000 | 256.000 | 5560.000 | 260.000 | 5735.000 |

| | | | | | | | | | | |
|----|-------|------|----------|------|----------|------|----------|------|------|------|
| NH | 3.000 | .120 | 5091.000 | .043 | 5177.810 | .200 | 5297.810 | .000 | .000 | .000 |
|----|-------|------|----------|------|----------|------|----------|------|------|------|

CROSS SECTION YH-6

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 75035.000 | 18.000 | 5091.000 | 5177.810 | 10.000 | 10.000 | 75.000 | .000 | .000 | .000 |
| GR | 260.000 | 5000.000 | 256.000 | 5018.000 | 252.000 | 5026.000 | 249.020 | 5036.000 | 245.880 | 5046.000 |
| GR | 243.860 | 5066.000 | 241.700 | 5091.000 | 233.560 | 5106.000 | 230.540 | 5116.000 | 230.950 | 5126.000 |
| GR | 231.810 | 5136.000 | 231.300 | 5146.000 | 231.760 | 5156.000 | 233.480 | 5168.000 | 237.010 | 5173.000 |
| GR | 237.580 | 5177.800 | 262.580 | 5177.810 | 262.580 | 5297.810 | .000 | .000 | .000 | .000 |

| | | | | | | | | | | |
|----|-------|------|----------|------|----------|------|----------|--------|------|------|
| NH | 3.000 | .120 | 5017.500 | .040 | 5081.510 | .200 | 5261.510 | .000 | .000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 66.200 | .000 | .000 |

CROSS SECTION YH-7

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 75505.000 | 13.000 | 5017.500 | 5081.510 | 315.000 | 185.000 | 205.000 | .000 | .000 | .000 |
| GR | 260.000 | 5000.000 | 256.000 | 5011.000 | 252.000 | 5016.000 | 250.390 | 5017.500 | 236.980 | 5029.500 |
| GR | 235.750 | 5037.500 | 234.560 | 5047.500 | 236.980 | 5057.500 | 243.290 | 5067.500 | 246.600 | 5073.500 |
| GR | 246.860 | 5081.500 | 271.860 | 5081.510 | 271.860 | 5261.510 | .000 | .000 | .000 | .000 |

| | | | | | | | | | | |
|----|-------|------|----------|------|----------|------|----------|------|------|------|
| NH | 3.000 | .150 | 5140.000 | .040 | 5200.000 | .100 | 5290.000 | .000 | .000 | .000 |
|----|-------|------|----------|------|----------|------|----------|------|------|------|

CROSS SECTION YH-8

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 75735.000 | 18.000 | 5140.000 | 5200.000 | 460.000 | 490.000 | 490.000 | .000 | .000 | .000 |
| GR | 260.000 | 5000.000 | 256.000 | 5020.000 | 252.000 | 5050.000 | 248.000 | 5060.000 | 244.000 | 5075.000 |
| GR | 240.000 | 5140.000 | 239.700 | 5144.000 | 238.040 | 5145.000 | 237.850 | 5150.000 | 237.160 | 5155.000 |
| GR | 237.380 | 5165.000 | 236.580 | 5175.000 | 236.620 | 5185.000 | 237.900 | 5195.000 | 244.000 | 5200.000 |
| GR | 245.000 | 5225.000 | 265.000 | 5225.010 | 265.000 | 5290.000 | .000 | .000 | .000 | .000 |

| | | | | | | | | | | |
|----|-------|------|----------|------|----------|------|----------|--------|----------|------|
| NH | 4.000 | .150 | 5200.000 | .040 | 5255.000 | .100 | 5360.000 | .200 | 5525.000 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 60.210 | .000 | .000 |

CROSS SECTION YH-9

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 75755.000 | 18.000 | 5200.000 | 5255.000 | 10.000 | 10.000 | 20.000 | .000 | .000 | .000 |
| GR | 260.000 | 5000.000 | 256.000 | 5025.000 | 252.000 | 5050.000 | 248.000 | 5070.000 | 244.000 | 5105.000 |
| GR | 240.000 | 5200.000 | 238.200 | 5205.000 | 238.010 | 5210.000 | 237.320 | 5215.000 | 237.540 | 5225.000 |
| GR | 236.740 | 5235.000 | 236.780 | 5245.000 | 240.000 | 5255.000 | 244.000 | 5260.000 | 248.000 | 5310.000 |
| GR | 252.000 | 5360.000 | 256.000 | 5395.000 | 260.000 | 5525.000 | .000 | .000 | .000 | .000 |

| | | | | | | | | | | |
|----|-------|------|----------|------|----------|------|----------|--------|----------|------|
| NC | .100 | .100 | .050 | .100 | .300 | .000 | .000 | .000 | .000 | .000 |
| NH | 4.000 | .150 | 5000.000 | .040 | 5070.300 | .100 | 5250.300 | .200 | 5360.300 | .000 |
| ET | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 72.210 | .000 | .300 |

FIRST CROSS SECTION FOR BRIDGE # 6, CELLU PRODUCTS ACCESS RD.

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 75785.000 | 23.000 | 5000.000 | 5070.500 | 113.000 | 98.000 | 30.000 | .000 | .000 | .000 |
| GR | 260.000 | 4628.700 | 256.000 | 4723.700 | 252.000 | 4793.700 | 248.000 | 4875.000 | 244.000 | 4920.000 |
| GR | 242.670 | 5000.000 | 238.680 | 5001.010 | 238.490 | 5005.000 | 237.800 | 5010.000 | 238.020 | 5020.000 |
| GR | 237.220 | 5029.000 | 237.220 | 5029.010 | 237.220 | 5031.000 | 237.220 | 5031.010 | 237.260 | 5040.000 |
| GR | 238.540 | 5051.000 | 238.740 | 5059.200 | 238.850 | 5060.310 | 239.810 | 5070.300 | 248.000 | 5155.300 |
| GR | 252.000 | 5205.300 | 256.000 | 5250.300 | 260.000 | 5360.300 | .000 | .000 | .000 | .000 |
| NC | .000 | .000 | .000 | .300 | .500 | .000 | .000 | .000 | .000 | .000 |
| NH | 4.000 | .150 | 5000.000 | .040 | 5070.300 | .120 | 5250.300 | .200 | 5360.300 | .000 |
| X1 | 75815.000 | .000 | .000 | .000 | 30.000 | 30.000 | 30.000 | .000 | .000 | .000 |
| X3 | 10.000 | .000 | .000 | .000 | .000 | .000 | .000 | 240.340 | 240.400 | .000 |
| NH | 4.000 | .150 | 5000.000 | .035 | 5070.300 | .120 | 5250.300 | .200 | 5360.300 | .000 |

BRIDGE # 4, CELLU PRODUCTS ACCESS RD.

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 75816.000 | 27.000 | 5000.000 | 5070.300 | 1.000 | 1.000 | 1.000 | .000 | .000 | .000 |
| BT | -25.000 | 4628.700 | 260.000 | 260.000 | 4723.700 | 256.000 | 256.000 | 4793.700 | 252.000 | 252.000 |
| BT | .000 | 4875.000 | 248.000 | 248.000 | 4920.000 | 244.000 | 244.000 | 5000.000 | 242.670 | 242.670 |
| BT | .000 | 5000.010 | 242.970 | 240.340 | 5001.000 | 242.990 | 240.340 | 5005.000 | 242.980 | 240.340 |
| BT | .000 | 5010.000 | 242.970 | 240.340 | 5020.000 | 242.960 | 240.330 | 5029.000 | 242.940 | 240.330 |
| BT | .000 | 5029.010 | 242.940 | 237.220 | 5031.000 | 242.940 | 237.220 | 5031.010 | 242.940 | 240.320 |
| BT | .000 | 5040.000 | 242.980 | 240.360 | 5051.000 | 243.020 | 240.400 | 5059.200 | 243.050 | 240.440 |
| BT | .000 | 5060.300 | 243.050 | 240.440 | 5060.310 | 242.620 | 242.620 | 5070.300 | 244.000 | 244.000 |
| BT | .000 | 5155.300 | 248.000 | 248.000 | 5205.300 | 252.000 | 252.000 | 5250.300 | 256.000 | 256.000 |
| BT | .000 | 5360.300 | 260.000 | 260.000 | .000 | .000 | .000 | .000 | .000 | .000 |
| GR | 260.000 | 4628.700 | 256.000 | 4723.700 | 252.000 | 4793.700 | 248.000 | 4875.000 | 244.000 | 4920.000 |
| GR | 242.670 | 5000.000 | 240.340 | 5000.010 | 240.340 | 5001.000 | 238.680 | 5001.010 | 238.490 | 5005.000 |
| GR | 237.800 | 5010.000 | 238.020 | 5020.000 | 237.220 | 5029.000 | 237.220 | 5029.010 | 237.220 | 5031.000 |
| GR | 237.220 | 5031.010 | 237.260 | 5040.000 | 238.540 | 5051.000 | 238.740 | 5059.200 | 240.440 | 5059.200 |
| GR | 240.440 | 5060.300 | 242.620 | 5060.310 | 244.000 | 5070.300 | 248.000 | 5155.300 | 252.000 | 5205.300 |
| GR | 256.000 | 5250.300 | 260.000 | 5360.300 | .000 | .000 | .000 | .000 | .000 | .000 |
| HH | 4.000 | .180 | 5000.000 | .035 | 5070.300 | .120 | 5250.300 | .200 | 5360.300 | .000 |
| X1 | 75834.000 | .000 | .000 | .000 | 18.000 | 18.000 | 18.000 | .000 | .000 | .000 |
| X2 | .000 | .000 | .000 | .000 | .000 | .000 | 1.000 | .000 | .000 | .000 |
| NH | 4.000 | .180 | 5000.000 | .043 | 5070.300 | .120 | 5250.300 | .200 | 5360.300 | .000 |
| X1 | 75835.000 | 23.000 | 5000.000 | 5070.300 | 1.000 | 1.000 | 1.000 | .000 | .000 | .000 |
| X3 | 10.000 | .000 | .000 | .000 | .000 | .000 | .000 | 240.340 | 240.400 | .000 |
| GR | 260.000 | 4628.700 | 256.000 | 4723.700 | 252.000 | 4793.700 | 248.000 | 4875.000 | 244.000 | 4920.000 |
| GR | 229.000 | 5000.000 | 238.680 | 5001.010 | 238.490 | 5005.000 | 237.800 | 5010.000 | 238.020 | 5020.000 |
| GR | 237.220 | 5029.000 | 237.220 | 5029.010 | 237.220 | 5031.000 | 237.220 | 5031.010 | 237.260 | 5040.000 |
| GR | 238.540 | 5051.000 | 238.740 | 5059.200 | 238.850 | 5060.310 | 239.810 | 5070.300 | 248.000 | 5155.300 |
| GR | 252.000 | 5205.300 | 256.000 | 5250.300 | 260.000 | 5360.300 | .000 | .000 | .000 | .000 |

NH 4.000 .180 5000.000 .043 5070.300 .120 5250.300 .200 5360.300 .000

LAST CROSS SECTION FOR BRIDGE # 6, CELLU PRODUCTS ACCESS RD.

X1 75894.000 .000 .000 .000 59.300 59.300 .000 1.130 .000 .000
EJ .000 .000 .000 .000 .000 .000 .000 .000 .000 .000

THIS RUN EXECUTED 02-26-86 03:51:01

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

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

YADKIN RIVER

SUMMARY PRINTOUT TABLE 110

| SECHO | CWSEL | DIFKWS | EG | TOPWID | QLOB | QCH | QROB | PERENC | STENCL | STCHL | STCHR | STENCR |
|-------------|--------|--------|--------|--------|---------|----------|---------|--------|---------|---------|---------|---------|
| 74291.000 | 242.61 | .00 | 244.09 | 203.62 | 1266.80 | 7149.89 | 2344.31 | .00 | .00 | 5000.00 | 5039.61 | .00 |
| 74291.000 | 242.66 | .05 | 244.69 | 106.00 | 802.42 | 7994.32 | 1964.26 | 106.00 | 4970.00 | 5000.00 | 5039.61 | 5076.00 |
| 74975.000 | 245.40 | .00 | 246.86 | 197.54 | 121.48 | 10457.31 | 182.21 | .00 | .00 | 5085.00 | 5170.00 | .00 |
| 74975.000 | 246.14 | .73 | 247.55 | 86.00 | 1.34 | 10757.00 | 2.65 | 86.00 | 5084.50 | 5085.00 | 5170.00 | 5170.50 |
| 75035.000 | 245.64 | .00 | 247.14 | 129.46 | 113.95 | 10647.05 | .00 | .00 | .00 | 5091.00 | 5177.81 | .00 |
| 75035.000 | 246.41 | .77 | 247.80 | 86.00 | .00 | 10761.00 | .00 | 86.00 | 5091.41 | 5091.00 | 5177.81 | 5177.41 |
| * 75505.000 | 249.62 | .00 | 254.51 | 63.32 | .00 | 10761.00 | .00 | .00 | .00 | 5017.50 | 5081.51 | .00 |
| * 75505.000 | 249.61 | -.01 | 254.51 | 63.31 | .00 | 10761.00 | .00 | 66.00 | 5016.50 | 5017.50 | 5081.51 | 5082.50 |
| 75735.000 | 255.14 | .00 | 255.93 | 198.48 | 1837.96 | 8412.05 | 510.99 | .00 | .00 | 5140.00 | 5200.00 | .00 |
| 75735.000 | 254.83 | -.31 | 256.49 | 66.00 | 35.50 | 10688.18 | 37.32 | 66.00 | 5137.00 | 5140.00 | 5200.00 | 5203.00 |
| 75755.000 | 255.48 | .00 | 255.98 | 362.20 | 2522.20 | 6857.14 | 1381.65 | .00 | .00 | 5200.00 | 5255.00 | .00 |
| 75755.000 | 254.61 | -.87 | 256.64 | 60.00 | 28.33 | 10692.82 | 39.85 | 60.00 | 5197.50 | 5200.00 | 5255.00 | 5257.50 |
| 75785.000 | 255.74 | .00 | 256.03 | 519.06 | 1984.99 | 6707.86 | 2068.15 | .00 | .00 | 5000.00 | 5070.30 | .00 |
| 75785.000 | 255.58 | -.15 | 256.78 | 72.00 | 3.39 | 10751.37 | 6.24 | 72.00 | 4999.15 | 5000.00 | 5070.30 | 5071.15 |
| 75815.000 | 255.74 | .00 | 256.06 | 519.37 | 2051.90 | 6927.67 | 1781.43 | .00 | .00 | 5000.00 | 5070.30 | .00 |
| 75815.000 | 255.63 | -.11 | 256.82 | 72.00 | 3.39 | 10752.42 | 5.19 | 72.00 | 4999.15 | 5000.00 | 5070.30 | 5071.15 |
| 75816.000 | 255.90 | .00 | 256.10 | 523.70 | 3398.93 | 5079.57 | 2282.50 | .00 | .00 | 5000.00 | 5070.30 | .00 |
| 75816.000 | 255.35 | -.55 | 257.11 | 72.00 | 48.27 | 10704.24 | 8.48 | 72.00 | 4999.15 | 5000.00 | 5070.30 | 5071.15 |
| 75834.000 | 255.91 | .00 | 256.14 | 524.19 | 2991.20 | 5358.30 | 2411.50 | .00 | .00 | 5000.00 | 5070.30 | .00 |
| 75834.000 | 255.52 | -.39 | 257.24 | 72.00 | 40.36 | 10712.19 | 8.45 | 72.00 | 4999.15 | 5000.00 | 5070.30 | 5071.15 |
| 75835.000 | 255.91 | .00 | 256.14 | 524.09 | 2783.09 | 6177.77 | 1809.14 | .00 | .00 | 5000.00 | 5070.30 | .00 |
| 75835.000 | 256.36 | .44 | 257.44 | 72.00 | 6.36 | 10748.96 | 5.69 | 72.00 | 4999.15 | 5000.00 | 5070.30 | 5071.15 |

| SECNO | CNSEL | DIFKUS | EG | TOPMID | QLOB | QCH | OROB | PERENC | STENCL | STCHL | STCHR | STENCR |
|-----------|--------|--------|--------|--------|---------|----------|---------|--------|---------|---------|---------|---------|
| 73894.000 | 255.92 | .00 | 256.20 | 491.95 | 2749.79 | 6329.25 | 1681.96 | .00 | .00 | 5000.00 | 5070.30 | .00 |
| 73894.000 | 256.38 | .45 | 257.60 | 72.00 | 6.77 | 10748.36 | 5.87 | 72.00 | 4999.15 | 5000.00 | 5070.30 | 5071.15 |