

**STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS**

| | |
|----------------------------|------------------|
| PROJ. REFERENCE NO. | SHEET NO. |
| R-5819 \ R-5820 | X0-B |

Quantities are approximate only. The Resident Engineer will recross-section the work accurately when the project is staked out. These cross-section notes will be used in computing the final quantities for which the contractor will be paid.

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

| Station | Uncl. Exc. | Embt | Undercut | 104+00.00 | 19 | 268 | 0 | 26+75.00 | 56 | 87 | 48+50.00 | 176 | 579 | 0 | 20+00.00 | 38 | 147 |
|-----------|------------|-----------|-----------|-----------|------------|-----------|-----------|----------|------------|-----------|----------|------------|-----------|-----------|-----------|------------|-----------|
| L CONTD | (cu. yd.) | (cu. yd.) | (cu. yd.) | 104+25.00 | 12 | 129 | 0 | 27+00.00 | 61 | 92 | 49+00.00 | 67 | 401 | 0 | 20+50.00 | 9 | 219 |
| 81+50.00 | 0 | 275 | 0 | 104+50.00 | 16 | 122 | 0 | 27+50.00 | 143 | 291 | 49+25.00 | 0 | 128 | 0 | 21+00.00 | 0 | 240 |
| 82+00.00 | 0 | 293 | 0 | 105+00.00 | 46 | 190 | 0 | 27+74.67 | 74 | 209 | 49+50.00 | 0 | 107 | 0 | 21+07.70 | 0 | 39 |
| 82+50.00 | 0 | 296 | 0 | 105+30.00 | 33 | 84 | 0 | 28+00.00 | 87 | 254 | 49+75.00 | 0 | 83 | 0 | 21+50.00 | 0 | 240 |
| 83+00.00 | 0 | 283 | 0 | 28+50.00 | | | | 28+50.00 | 193 | 627 | 50+00.00 | 0 | 58 | 0 | 22+00.00 | 0 | 335 |
| 83+50.00 | 0 | 243 | 0 | Station | Uncl. Exc. | Embt | Undercut | 29+00.00 | 94 | 919 | 50+42.64 | 0 | 64 | 0 | 22+50.00 | 0 | 404 |
| 84+00.00 | 0 | 186 | 0 | Y1 | (cu. yd.) | (cu. yd.) | (cu. yd.) | 29+50.00 | 0 | 1326 | 50+50.00 | 0 | 3 | 0 | 23+00.00 | 0 | 490 |
| 84+50.00 | 14 | 141 | 0 | 10+70.00 | 0 | 0 | 0 | 30+00.00 | 0 | 1770 | 51+00.00 | 3 | 19 | 0 | 23+47.70 | 0 | 549 |
| 85+00.00 | 30 | 113 | 0 | 10+70.00 | 0 | 0 | 0 | 30+50.00 | 0 | 2258 | 51+25.00 | 2 | 12 | 0 | 24+00.00 | 0 | 701 |
| 85+50.00 | 36 | 96 | 0 | 11+00.00 | 0 | 40 | 0 | 31+00.00 | 0 | 2720 | 51+50.00 | 25 | 11 | 0 | 24+50.00 | 0 | 833 |
| 86+00.00 | 40 | 89 | 0 | 11+50.00 | 0 | 61 | 0 | 31+50.00 | 0 | 3144 | 51+75.00 | 48 | 14 | 0 | 25+00.00 | 0 | 1040 |
| 86+50.00 | 39 | 88 | 0 | 12+00.00 | 0 | 32 | 0 | 31+93.00 | 0 | 2877 | Station | Uncl. Exc. | Embt | Undercut | 25+50.00 | 0 | 1272 |
| 86+75.00 | 10 | 45 | 0 | 12+50.00 | 17 | 0 | 0 | Station | Uncl. Exc. | Embt | Y1RPA | (cu. yd.) | (cu. yd.) | (cu. yd.) | 25+87.70 | 0 | 1091 |
| 87+00.00 | 0 | 47 | 0 | 13+00.00 | 32 | 6 | 0 | Y1 | (cu. yd.) | (cu. yd.) | 18+04.96 | 0 | 0 | 0 | 26+00.00 | 0 | 372 |
| 87+50.00 | 0 | 100 | 0 | 13+50.00 | 80 | 12 | 0 | 18+25.00 | 55 | 113 | 18+50.00 | 0 | 125 | 19 | 26+50.00 | 0 | 1602 |
| 88+00.00 | 0 | 105 | 0 | 13+75.00 | 63 | 3 | 0 | 19+00.00 | 0 | 303 | 19+25.00 | 0 | 177 | 5 | 27+00.00 | 0 | 1430 |
| 88+50.00 | 0 | 93 | 0 | 14+00.00 | 64 | 0 | 0 | 19+50.00 | 0 | 4586 | 19+50.00 | 0 | 228 | 0 | 27+50.00 | 0 | 1086 |
| 89+00.00 | 0 | 51 | 0 | 14+50.00 | 133 | 14 | 0 | 20+00.00 | 0 | 4530 | 20+00.00 | 0 | 629 | 0 | 28+00.00 | 0 | 1150 |
| 89+25.00 | 0 | 10 | 0 | 15+00.00 | 132 | 31 | 0 | 20+50.00 | 0 | 4887 | 20+50.00 | 0 | 745 | 0 | 28+50.00 | 0 | 1542 |
| 89+50.00 | 36 | 7 | 0 | 15+25.00 | 32 | 21 | 0 | 21+00.00 | 0 | 5320 | 21+00.00 | 0 | 840 | 0 | 29+00.00 | 0 | 1873 |
| 90+00.00 | 132 | 11 | 0 | 15+50.00 | 2 | 24 | 0 | 21+03.51 | 0 | 5828 | 21+50.00 | 0 | 62 | 0 | 29+20.02 | 0 | 799 |
| 90+50.00 | 73 | 43 | 0 | 16+00.00 | 6 | 33 | 0 | 22+00.00 | 0 | 6350 | 22+00.00 | 0 | 949 | 0 | 29+50.00 | 0 | 1236 |
| 91+00.00 | 21 | 83 | 0 | 16+25.00 | 3 | 18 | 0 | 22+50.00 | 0 | 7496 | 22+50.00 | 0 | 1003 | 0 | 30+00.00 | 0 | 1744 |
| 91+50.00 | 11 | 119 | 0 | 16+50.00 | 2 | 33 | 0 | Station | Uncl. Exc. | Embt | 23+00.00 | 0 | 1109 | 0 | 30+12.54 | 0 | 346 |
| 92+00.00 | 6 | 163 | 0 | 17+00.00 | 3 | 57 | 0 | Y1 | (cu. yd.) | (cu. yd.) | 23+43.51 | 0 | 1093 | 0 | Station | Uncl. Exc. | Embt |
| 92+50.00 | 1 | 199 | 0 | 17+23.41 | 2 | 16 | 0 | 23+50.00 | 0 | 2276 | 23+50.00 | 0 | 176 | 0 | (cu. yd.) | (cu. yd.) | 0 |
| 93+00.00 | 0 | 224 | 0 | 17+50.00 | 2 | 23 | 0 | 24+00.00 | 0 | 1003 | 24+00.00 | 0 | 1542 | 0 | 10+00.00 | 0 | 0 |
| 93+50.00 | 0 | 244 | 0 | 17+75.00 | 2 | 26 | 0 | 24+50.00 | 0 | 1109 | 24+50.00 | 0 | 1818 | 0 | 10+25.00 | 0 | 1352 |
| 94+00.00 | 0 | 269 | 0 | 18+00.00 | 33 | 15 | 0 | 25+00.00 | 0 | 1093 | 25+00.00 | 0 | 2010 | 0 | 10+50.00 | 0 | 1593 |
| 94+50.00 | 0 | 288 | 0 | 18+50.00 | 111 | 22 | 0 | 25+50.00 | 0 | 176 | 25+50.00 | 0 | 2206 | 0 | 10+75.00 | 0 | 1520 |
| 95+00.00 | 0 | 281 | 0 | 19+00.00 | 96 | 39 | 0 | 26+00.00 | 0 | 5640 | 26+00.00 | 0 | 1589 | 0 | 11+00.00 | 0 | 1469 |
| 95+50.00 | 0 | 250 | 0 | 19+50.00 | 106 | 37 | 0 | 26+50.00 | 0 | 5215 | 26+50.00 | 0 | 2602 | 0 | 11+25.00 | 0 | 1484 |
| 96+00.00 | 0 | 216 | 0 | 19+63.45 | 26 | 10 | 0 | 27+00.00 | 0 | 4861 | 27+00.00 | 0 | 2800 | 0 | 11+50.00 | 0 | 1201 |
| 96+50.00 | 1 | 196 | 0 | 20+00.00 | 62 | 32 | 0 | 27+50.00 | 0 | 3470 | 27+50.00 | 0 | 2897 | 0 | 11+63.36 | 0 | 686 |
| 97+00.00 | 4 | 177 | 0 | 20+50.00 | 89 | 42 | 0 | 28+00.00 | 0 | 1379 | 28+00.00 | 0 | 2945 | 0 | 11+88.36 | 0 | 1317 |
| 97+50.00 | 7 | 141 | 0 | 20+79.42 | 56 | 23 | 0 | 28+50.00 | 0 | 2122 | 28+50.00 | 0 | 3010 | 0 | 12+13.36 | 0 | 1208 |
| 98+00.00 | 15 | 113 | 0 | 21+00.00 | 40 | 16 | 0 | 29+00.00 | 0 | 3044 | 29+00.00 | 0 | 3044 | 0 | 12+38.36 | 0 | 1166 |
| 98+50.00 | 23 | 104 | 0 | 21+50.00 | 95 | 44 | 0 | 29+17.77 | 0 | 1095 | 29+17.77 | 0 | 1095 | 0 | 12+63.36 | 0 | 1448 |
| 99+00.00 | 28 | 96 | 0 | 22+00.00 | 97 | 50 | 0 | 29+50.00 | 0 | 2060 | 29+50.00 | 0 | 2060 | 0 | 12+88.36 | 0 | 1853 |
| 99+50.00 | 30 | 102 | 0 | 22+44.35 | 86 | 43 | 0 | 30+00.00 | 0 | 2660 | 30+00.00 | 0 | 2660 | 0 | 13+13.36 | 0 | 1632 |
| 100+00.00 | 26 | 119 | 0 | 22+50.00 | 11 | 5 | 0 | Station | Uncl. Exc. | Embt | 30+00.00 | 0 | 2660 | 0 | 13+26.73 | 0 | 712 |
| | | | | 23+00.00 | 98 | 48 | 0 | Y1 | (cu. yd.) | (cu. yd.) | 30+10.29 | 0 | 422 | 0 | Station | Uncl. Exc. | Embt |
| | | | | 23+50.00 | 75 | 40 | 0 | 44+60.66 | 0 | 0 | Station | Uncl. Exc. | Embt | Undercut | Y1ROUND2 | (cu. yd.) | (cu. yd.) |
| | | | | 24+00.00 | 51 | 27 | 0 | 45+00.00 | 0 | 2827 | 45+00.00 | 0 | 2827 | 0 | 10+00.00 | 0 | 0 |
| | | | | 24+25.00 | 39 | 6 | 0 | 45+50.00 | 0 | 3283 | 46+00.00 | 0 | 2718 | 0 | 10+25.00 | 0 | 1243 |
| | | | | Station | Uncl. Exc. | Embt | Undercut | 46+50.00 | 0 | 2153 | 46+50.00 | 0 | 2153 | 0 | 10+50.00 | 0 | 1627 |
| | | | | Y1 | (cu. yd.) | (cu. yd.) | (cu. yd.) | 46+67.04 | 0 | 595 | 47+00.00 | 0 | 991 | 12 | 10+75.00 | 0 | 1599 |
| | | | | 100+00.00 | 0 | 0 | 0 | 47+50.00 | 0 | 1181 | 47+50.00 | 0 | 1181 | 0 | 11+00.00 | 0 | 1637 |
| | | | | 100+50.00 | 19 | 160 | 0 | 47+93.29 | 95 | 729 | 47+93.29 | 95 | 729 | 0 | 11+25.00 | 0 | 2094 |
| | | | | 100+75.00 | 6 | 110 | 0 | 48+00.00 | 29 | 90 | 48+00.00 | 29 | 90 | 0 | 11+50.00 | 0 | 1760 |
| | | | | 101+00.00 | 5 | 123 | 0 | Station | Uncl. Exc. | Embt | 48+50.00 | 0 | 2153 | 0 | Station | Uncl. Exc. | Embt |
| | | | | 101+50.00 | 6 | 265 | 0 | Y1RPA | (cu. yd.) | (cu. yd.) | 48+50.00 | 0 | 2153 | 0 | 48+50.00 | 0 | 1627 |
| | | | | 102+00.00 | 3 | 299 | 0 | 45+00.00 | 0 | 2827 | 45+00.00 | 0 | 2827 | 0 | 10+00.00 | 0 | 0 |
| | | | | 102+50.00 | 2 | 327 | 0 | 45+50.00 | 0 | 3283 | 45+50.00 | 0 | 3283 | 0 | 10+25.00 | 0 | 1243 |
| | | | | 103+00.00 | 3 | 323 | 0 | 46+00.00 | 0 | 2718 | 46+00.00 | 0 | 2718 | 0 | 10+50.00 | 0 | 1627 |
| | | | | 103+50.00 | 8 | 293 | 0 | 46+50.00 | 0 | 2153 | 46+50.00 | 0 | 2153 | 0 | 10+75.00 | 0 | 1599 |
| | | | | | | | | 47+00.00 | 0 | 991 | 47+00.00 | 0 | 991 | 0 | 11+00.00 | 0 | 1637 |
| | | | | | | | | 47+50.00 | 0 | 1181 | 47+50.00 | 0 | 1181 | 0 | 11+25.00 | 0 | 2094 |
| | | | | | | | | 47+93.29 | 95 | 729 | 47+93.29 | 95 | 729 | 0 | 11+50.00 | 0 | 1760 |
| | | | | | | | | 48+00.00 | 29 | 90 | 48+00.00 | 29 | 90 | 0 | Station | Uncl. Exc. | Embt |
| | | | | | | | | Station | Uncl. Exc. | Embt | 48+50.00 | 0 | 2153 | 0 | Y1ROUND2 | (cu. yd.) | (cu. yd.) |
| | | | | | | | | Y1RPA | (cu. yd.) | (cu. yd.) | 48+50.00 | 0 | 2153 | 0 | 10+00.00 | 0 | 0 |
| | | | | | | | | Station | Uncl. Exc. | Embt | 48+50.00 | 0 | 2153 | 0 | 10+25.00 | 0 | 1243 |
| | | | | | | | | Y1RPA | (cu. yd.) | (cu. yd.) | 48+50.00 | 0 | 2153 | 0 | 10+50.00 | 0 | 1627 |
| | | | | | | | | Station | Uncl. Exc. | Embt | 48+50.00 | 0 | 2153 | 0 | 10+75.00 | 0 | 1599 |
| | | | | | | | | Y1RPA | (cu. yd.) | (cu. yd.) | 48+50.00 | 0 | 2153 | 0 | 11+00.00 | 0 | 1637 |
| | | | | | | | | Station | Uncl. Exc. | Embt | 48+50.00 | 0 | 2153 | 0 | 11+25.00 | 0 | 2094 |
| | | | | | | | | Y1RPA | (cu. yd.) | (cu. yd.) | 48+50.00 | 0 | 2153 | 0 | 11+50.00 | 0 | 1760 |
| | | | | | | | | Station | Uncl. Exc. | Embt | 48+50.00 | 0 | 2153 | 0 | Station | Uncl. Exc. | Embt |
| | | | | | | | | Y1RPA | (cu. yd.) | (cu. yd.) | 48+50.00 | 0 | | | | | |