| PROJ. REFERENCE NO. | SHEET NO. |
|---|---|
| R-5021 | X-1K |

# STATE OF NORTH CAROLINA
# DIVISION OF HIGHWAYS

## *CROSS-SECTION SUMMARY*

**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 DOES NOT INCLUDE BACKFILL FOR UNDERCUT**

| Station | Uncl. Exc. | Embt | UnderCut |
|---|---|---|---|
| Y14C | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 24+00.00 | 6 | 17 | 0 |
| 24+25.00 | 6 | 17 | 0 |
| 24+50.00 | 5 | 22 | 0 |

| Station | Uncl. Exc. | Embt | UnderCut |
|---|---|---|---|
| Y14D | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 11+00.00 | 0 | 0 | 0 |
| 11+50.00 | 68 | 183 | 0 |
| 12+00.00 | 123 | 176 | 0 |
| 12+50.00 | 136 | 176 | 0 |
| 13+00.00 | 95 | 114 | 0 |
| 13+50.00 | 47 | 110 | 0 |
| 14+00.00 | 28 | 245 | 0 |
| 14+50.00 | 29 | 407 | 0 |
| 15+00.00 | 32 | 433 | 0 |
| 15+25.00 | 14 | 198 | 0 |
| 15+50.00 | 8 | 134 | 0 |
| 16+00.00 | 9 | 118 | 0 |
| 16+50.00 | 4 | 96 | 0 |
| 17+00.00 | 20 | 79 | 0 |
| 17+50.00 | 50 | 39 | 0 |
| 18+00.00 | 70 | 5 | 0 |
| 18+50.00 | 78 | 3 | 0 |
| 19+00.00 | 78 | 4 | 0 |
| 19+50.00 | 70 | 20 | 0 |
| 20+00.00 | 31 | 85 | 0 |
| 20+50.00 | 17 | 176 | 0 |
| 21+00.00 | 16 | 458 | 0 |
| 21+50.00 | 0 | 966 | 0 |
| 22+00.00 | 0 | 1578 | 0 |
| 22+50.00 | 0 | 2345 | 0 |
| 23+00.00 | 0 | 3209 | 0 |
| 23+50.00 | 0 | 3921 | 0 |
| 24+00.00 | 0 | 4451 | 0 |

| Station | Uncl. Exc. | Embt | UnderCut |
|---|---|---|---|
| Y14E | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 9+75.00 | 0 | 0 | 0 |
| 10+00.00 | 0 | 139 | 0 |
| 10+25.00 | 0 | 230 | 0 |
| 10+50.00 | 0 | 386 | 0 |
| 10+75.00 | 0 | 539 | 0 |
| 11+00.00 | 0 | 655 | 0 |
| 11+25.00 | 0 | 699 | 0 |
| 11+50.00 | 1 | 924 | 0 |

| Station | Uncl. Exc. | Embt | UnderCut |
|---|---|---|---|
| Y14F | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 10+25.00 | 0 | 0 | 0 |
| 10+50.00 | 0 | 169 | 0 |

| Station | Uncl. Exc. | Embt | UnderCut |
|---|---|---|---|
| Y14F | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 10+75.00 | 0 | 213 | 0 |
| 11+00.00 | 0 | 291 | 0 |
| 11+25.00 | 0 | 405 | 0 |
| 11+50.00 | 0 | 556 | 0 |
| 11+75.00 | 0 | 748 | 0 |
| 12+00.00 | 0 | 918 | 0 |

| Station | Uncl. Exc. | Embt | UnderCut |
|---|---|---|---|
| Y14G | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 10+50.00 | 0 | 0 | 0 |
| 10+75.00 | 0 | 102 | 0 |
| 11+00.00 | 0 | 77 | 0 |
| 11+25.00 | 0 | 62 | 0 |
| 11+50.00 | 0 | 44 | 0 |
| 11+75.00 | 0 | 32 | 0 |
| 12+00.00 | 1 | 22 | 0 |
| 12+25.00 | 7 | 10 | 0 |
| 12+50.00 | 15 | 5 | 0 |
| 12+75.00 | 19 | 4 | 0 |
| 13+00.00 | 24 | 2 | 0 |
| 13+25.00 | 29 | 2 | 0 |

| Station | Uncl. Exc. | Embt | UnderCut |
|---|---|---|---|
| Y15 | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 10+75.00 | 0 | 0 | 0 |
| 11+00.00 | 232 | 69 | 69 |
| 11+25.00 | 144 | 70 | 68 |
| 11+50.00 | 78 | 66 | 64 |

| Station | Uncl. Exc. | Embt | UnderCut |
|---|---|---|---|
| Y16 | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 11+00.00 | 0 | 0 | 0 |
| 11+25.00 | 43 | 0 | 0 |
| 11+50.00 | 46 | 15 | 0 |

| Station | Uncl. Exc. | Embt | UnderCut |
|---|---|---|---|
| Y17 | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 10+25.00 | 0 | 0 | 0 |
| 10+50.00 | 51 | 0 | 0 |
| 10+75.00 | 21 | 21 | 0 |
| 11+00.00 | 1 | 85 | 0 |
| 11+25.00 | 0 | 149 | 0 |

| Station | Uncl. Exc. | Embt | UnderCut |
|---|---|---|---|
| Y17 | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 12+75.00 | 0 | 0 | 0 |
| 13+00.00 | 74 | 2 | 0 |
| 13+25.00 | 54 | 3 | 0 |

| Station | Uncl. Exc. | Embt | UnderCut |
|---|---|---|---|
| Y17A | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 10+50.00 | 0 | 0 | 0 |
| 10+75.00 | 16 | 48 | 0 |
| 11+00.00 | 24 | 48 | 0 |
| 11+25.00 | 13 | 64 | 0 |
| 11+50.00 | 0 | 151 | 0 |
| 11+75.00 | 0 | 318 | 0 |
| 12+00.00 | 0 | 482 | 0 |

| Station | Uncl. Exc. | Embt | UnderCut |
|---|---|---|---|
| Y18A | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 10+50.00 | 0 | 0 | 0 |
| 10+75.00 | 2 | 78 | 0 |

| Station | Uncl. Exc. | Embt | UnderCut |
|---|---|---|---|
| Y19Rev | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 11+75.00 | 0 | 0 | 0 |
| 12+00.00 | 49 | 1 | 0 |
| 12+25.00 | 54 | 7 | 0 |
| 12+50.00 | 62 | 16 | 0 |
| 12+75.00 | 71 | 57 | 0 |
| 13+00.00 | 39 | 57 | 0 |

| Station | Uncl. Exc. | Embt | UnderCut |
|---|---|---|---|
| Y20 | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 10+75.00 | 0 | 0 | 0 |
| 11+00.00 | 1 | 67 | 69 |
| 11+25.00 | 4 | 29 | 68 |
| 11+50.00 | 10 | 11 | 64 |

| Station | Uncl. Exc. | Embt | UnderCut |
|---|---|---|---|
| Y21 | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 10+25.00 | 0 | 0 | 0 |
| 10+50.00 | 12 | 18 | 0 |
| 10+75.00 | 0 | 65 | 0 |

| Station | Uncl. Exc. | Embt | UnderCut |
|---|---|---|---|
| Y21 | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 12+00.00 | 0 | 0 | 0 |
| 12+25.00 | 6 | 21 | 0 |

| Station | Uncl. Exc. | Embt | UnderCut |
|---|---|---|---|
| Y22 (LT) | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 14+00.00 | 0 | 0 | 0 |
| 14+50.00 | 314 | 32 | 0 |

| Station | Uncl. Exc. | Embt | UnderCut |
|---|---|---|---|
| Y22 (LT) | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 15+00.00 | 352 | 38 | 0 |
| 15+50.00 | 480 | 30 | 0 |
| 16+00.00 | 570 | 40 | 0 |
| 16+50.00 | 337 | 43 | 0 |
| 17+00.00 | 333 | 39 | 0 |
| 17+50.00 | 514 | 57 | 0 |
| 18+00.00 | 431 | 74 | 0 |
| 18+50.00 | 225 | 85 | 0 |
| 19+00.00 | 42 | 104 | 0 |
| 19+50.00 | 26 | 119 | 0 |
| 20+00.00 | 25 | 135 | 0 |
| 20+50.00 | 9 | 114 | 0 |
| 21+00.00 | 3 | 86 | 0 |
| 21+50.00 | 6 | 102 | 0 |
| 22+00.00 | 7 | 154 | 0 |
| 22+50.00 | 5 | 263 | 0 |
| 23+00.00 | 2 | 341 | 0 |
| 23+50.00 | 1 | 311 | 0 |
| 24+00.00 | 0 | 231 | 0 |
| 24+50.00 | 5 | 116 | 0 |
| 25+00.00 | 15 | 104 | 0 |
| 25+50.00 | 32 | 232 | 0 |
| 26+00.00 | 40 | 301 | 0 |
| 26+50.00 | 33 | 304 | 0 |
| 27+00.00 | 24 | 306 | 0 |
| 27+50.00 | 23 | 306 | 0 |
| 28+00.00 | 32 | 299 | 0 |
| 28+50.00 | 40 | 291 | 0 |
| 29+00.00 | 55 | 266 | 0 |
| 29+50.00 | 66 | 240 | 0 |
| 30+00.00 | 58 | 251 | 0 |
| 30+50.00 | 52 | 318 | 0 |
| 31+00.00 | 36 | 311 | 0 |
| 31+50.00 | 19 | 231 | 0 |
| 32+00.00 | 27 | 167 | 0 |
| 32+50.00 | 44 | 102 | 0 |
| 33+00.00 | 64 | 65 | 0 |
| 33+50.00 | 76 | 53 | 0 |
| 34+00.00 | 77 | 40 | 0 |
| 34+50.00 | 90 | 18 | 0 |