

**STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS**

| | |
|----------------------------|------------------|
| PROJ. REFERENCE NO. | SHEET NO. |
| R-5749 | X-1B |

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

| Station | Uncl. Exc. | Embt | Und. Exc. | Station | Uncl. Exc. | Embt | UnderCut | Station | Uncl. Exc. | Embt | UnderCut | Station | Uncl. Exc. | Embt | UnderCut |
|----------------|-------------------|------------------|------------------|----------------|-------------------|------------------|------------------|----------------|-------------------|------------------|------------------|----------------|-------------------|------------------|------------------|
| L | (cu. yd.) | (cu. yd.) | (cu. yd.) | Yrpa | (cu. yd.) | (cu. yd.) | (cu. yd.) | Yrpb | (cu. yd.) | (cu. yd.) | (cu. yd.) | Yrpd | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 70+00.00 | 31 | 43 | 0 | 16+50.00 | 198 | 196 | 128 | 10+00.00 | 0 | 0 | 0 | 17+00.00 | 340 | 216 | 81 |
| 70+50.00 | 26 | 43 | 0 | 17+00.00 | 146 | 203 | 107 | 10+50.00 | 248 | 394 | 0 | 17+50.00 | 341 | 211 | 89 |
| 71+00.00 | 31 | 32 | 0 | 17+50.00 | 128 | 203 | 97 | 11+00.00 | 255 | 442 | 0 | 18+00.00 | 353 | 202 | 101 |
| 71+10.38 | 8 | 4 | 0 | 18+00.00 | 115 | 207 | 94 | 11+50.00 | 279 | 496 | 0 | 18+50.00 | 381 | 197 | 112 |
| 71+19.29 | 7 | 2 | 0 | 18+50.00 | 117 | 212 | 79 | 12+00.00 | 211 | 543 | 4 | 19+00.00 | 394 | 188 | 116 |
| 71+25.00 | 4 | 1 | 0 | 19+00.00 | 129 | 205 | 80 | 12+50.00 | 68 | 593 | 21 | 19+50.00 | 384 | 185 | 114 |
| 71+26.89 | 1 | 0 | 0 | 19+50.00 | 125 | 189 | 108 | 13+00.00 | 34 | 579 | 59 | 20+00.00 | 366 | 187 | 117 |
| 71+50.00 | 11 | 3 | 0 | 20+00.00 | 100 | 201 | 97 | 13+50.00 | 40 | 455 | 108 | 20+50.00 | 344 | 194 | 104 |
| 72+00.00 | 19 | 1 | 0 | 20+50.00 | 42 | 241 | 59 | 14+00.00 | 78 | 302 | 125 | 21+00.00 | 311 | 209 | 84 |
| 72+43.26 | 9 | 1 | 0 | 21+00.00 | 0 | 267 | 38 | 14+50.00 | 193 | 240 | 85 | 21+50.00 | 272 | 233 | 79 |
| 72+50.00 | 0 | 0 | 0 | 21+50.00 | 0 | 324 | 24 | 15+00.00 | 301 | 255 | 52 | 22+00.00 | 224 | 265 | 67 |
| 72+52.46 | 0 | 0 | 0 | 22+00.00 | 0 | 418 | 8 | 15+50.00 | 269 | 275 | 40 | 22+50.00 | 206 | 280 | 54 |
| 72+60.30 | 0 | 0 | 0 | 22+50.00 | 0 | 461 | 0 | 16+00.00 | 153 | 317 | 17 | 23+00.00 | 184 | 293 | 50 |
| 72+81.00 | 3 | 1 | 0 | 23+00.00 | 0 | 409 | 12 | 16+50.00 | 84 | 345 | 5 | 23+50.00 | 149 | 332 | 33 |
| 73+00.00 | 6 | 1 | 0 | 23+50.00 | 5 | 337 | 38 | 17+00.00 | 61 | 321 | 2 | 24+00.00 | 129 | 350 | 25 |
| 73+50.00 | 16 | 5 | 0 | 24+00.00 | 32 | 303 | 69 | 17+50.00 | 33 | 316 | 0 | 24+50.00 | 100 | 330 | 31 |
| 74+00.00 | 18 | 6 | 0 | 24+50.00 | 89 | 296 | 106 | 18+00.00 | 5 | 351 | 0 | 25+00.00 | 55 | 326 | 39 |
| 74+50.00 | 20 | 9 | 0 | 25+00.00 | 175 | 324 | 169 | 18+50.00 | 0 | 333 | 0 | | | | |
| 75+00.00 | 21 | 9 | 0 | 25+50.00 | 113 | 435 | 227 | 19+00.00 | 0 | 318 | 0 | Station | Uncl. Exc. | Embt | UnderCut |
| 75+50.00 | 21 | 7 | 0 | | | | | 19+50.00 | 0 | 332 | 0 | Y | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 76+00.00 | 21 | 5 | 0 | Station | Uncl. Exc. | Embt | UnderCut | 20+00.00 | 0 | 358 | 0 | | | | |
| 76+50.00 | 20 | 5 | 0 | | | | | 20+50.00 | 0 | 386 | 0 | 17+55.00 | 0 | 0 | 0 |
| 77+00.00 | 16 | 9 | 0 | Yrpb | (cu. yd.) | (cu. yd.) | (cu. yd.) | 21+00.00 | 0 | 367 | 6 | 18+00.00 | 13 | 8 | 0 |
| 77+50.00 | 13 | 14 | 0 | 9+50.00 | 0 | 0 | 0 | 21+50.00 | 0 | 366 | 6 | 18+50.00 | 29 | 27 | 0 |
| 78+00.00 | 14 | 15 | 0 | 10+00.00 | 130 | 201 | 0 | 22+00.00 | 0 | 342 | 17 | 19+00.00 | 36 | 49 | 0 |
| 78+50.00 | 17 | 13 | 0 | 10+50.00 | 205 | 276 | 4 | 22+50.00 | 0 | 306 | 32 | 19+50.00 | 48 | 80 | 0 |
| 79+00.00 | 18 | 11 | 0 | 11+00.00 | 248 | 344 | 29 | 23+00.00 | 0 | 295 | 37 | 20+00.00 | 59 | 102 | 0 |
| 79+50.00 | 18 | 8 | 0 | 11+50.00 | 259 | 377 | 80 | 23+50.00 | 0 | 294 | 31 | 20+50.00 | 73 | 129 | 2 |
| 80+00.00 | 18 | 6 | 0 | 12+00.00 | 204 | 364 | 130 | 24+00.00 | 0 | 312 | 14 | 21+00.00 | 106 | 100 | 4 |
| 80+50.00 | 19 | 4 | 0 | 12+50.00 | 87 | 307 | 143 | 24+50.00 | 4 | 298 | 41 | 21+50.00 | 64 | 69 | 7 |
| 81+00.00 | 21 | 2 | 0 | 13+00.00 | 108 | 231 | 126 | 25+00.00 | 7 | 257 | 72 | 22+00.00 | 0 | 142 | 25 |
| 81+50.00 | 23 | 1 | 0 | 13+50.00 | 153 | 203 | 98 | 25+50.00 | 15 | 225 | 113 | 22+50.00 | 0 | 291 | 32 |
| 82+00.00 | 22 | 0 | 0 | 14+00.00 | 111 | 216 | 83 | 26+00.00 | 38 | 226 | 184 | 23+00.00 | 0 | 480 | 13 |
| 82+50.00 | 18 | 0 | 0 | 14+50.00 | 73 | 220 | 82 | 26+50.00 | 88 | 261 | 247 | 23+50.00 | 0 | 656 | 0 |
| 83+00.00 | 15 | 0 | 0 | 15+00.00 | 44 | 221 | 93 | 27+00.00 | 61 | 327 | 146 | 24+00.00 | 0 | 883 | 0 |
| | | | | 15+50.00 | 15 | 230 | 82 | | | | | 24+50.00 | 0 | 1207 | 0 |
| Station | Uncl. Exc. | Embt | UnderCut | 16+00.00 | 0 | 245 | 50 | Station | Uncl. Exc. | Embt | UnderCut | 25+00.00 | 0 | 1642 | 0 |
| | | | | 16+50.00 | 0 | 295 | 26 | | | | | 25+50.00 | 0 | 2103 | 0 |
| Yrpa | (cu. yd.) | (cu. yd.) | (cu. yd.) | 17+00.00 | 0 | 373 | 3 | Yrpd | (cu. yd.) | (cu. yd.) | (cu. yd.) | 26+00.00 | 0 | 2656 | 0 |
| 9+50.00 | 0 | 0 | 0 | 17+50.00 | 0 | 406 | 0 | 10+00.00 | 0 | 0 | 0 | 26+50.00 | 0 | 3378 | 0 |
| 10+00.00 | 31 | 247 | 0 | 18+00.00 | 0 | 336 | 14 | 10+50.00 | 126 | 148 | 18 | 27+00.00 | 0 | 3914 | 0 |
| 10+50.00 | 40 | 294 | 0 | 18+50.00 | 1 | 244 | 54 | 11+00.00 | 164 | 219 | 53 | 27+50.00 | 0 | 4476 | 0 |
| 11+00.00 | 49 | 338 | 6 | 19+00.00 | 3 | 210 | 96 | 11+50.00 | 186 | 274 | 98 | 28+00.00 | 0 | 5211 | 0 |
| 11+50.00 | 79 | 354 | 24 | 19+50.00 | 8 | 199 | 117 | 12+00.00 | 185 | 283 | 135 | 28+50.00 | 0 | 6195 | 0 |
| 12+00.00 | 110 | 362 | 55 | 20+00.00 | 14 | 198 | 119 | 12+50.00 | 208 | 227 | 149 | | | | |
| 12+50.00 | 76 | 346 | 80 | 20+50.00 | 13 | 222 | 102 | 13+00.00 | 278 | 184 | 145 | Station | Uncl. Exc. | Embt | UnderCut |
| 13+00.00 | 25 | 288 | 96 | 21+00.00 | 9 | 252 | 72 | 13+50.00 | 318 | 186 | 143 | | | | |
| 13+50.00 | 98 | 226 | 116 | 21+50.00 | 6 | 261 | 65 | 14+00.00 | 329 | 187 | 143 | Y | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 14+00.00 | 199 | 198 | 131 | 22+00.00 | 13 | 260 | 70 | 14+50.00 | 365 | 111 | 70 | 31+50.00 | 0 | 0 | 0 |
| 14+50.00 | 215 | 193 | 135 | 22+50.00 | 24 | 256 | 71 | 15+00.00 | 395 | 39 | 0 | 32+00.00 | 0 | 6540 | 0 |
| 15+00.00 | 222 | 184 | 132 | 23+00.00 | 38 | 256 | 84 | 15+50.00 | 372 | 51 | 0 | 32+50.00 | 0 | 5398 | 0 |
| 15+50.00 | 249 | 180 | 137 | 23+50.00 | 50 | 258 | 88 | 16+00.00 | 343 | 86 | 0 | 33+00.00 | 0 | 4889 | 0 |
| 16+00.00 | 249 | 183 | 142 | 24+00.00 | 95 | 286 | 114 | 16+50.00 | 340 | 165 | 41 | 33+50.00 | 0 | 4241 | 0 |