

R:\proj\interim\sc\earth\1\lew1.log

|                     |           |
|---------------------|-----------|
| PROJ. REFERENCE NO. | SHEET NO. |
| R-2552AA            | X-B       |

**STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS**

**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**

**CROSS-SECTION SUMMARY**

| Station   | Uncl. Exc.   | Embt         | Station   | Uncl. Exc.   | Embt         | Station   | Uncl. Exc.   | Embt         | Station   | Uncl. Exc.   | Embt         | Station   | Uncl. Exc.   | Embt         | Station         | Uncl. Exc.          | Embt                |
|-----------|--------------|--------------|-----------|--------------|--------------|-----------|--------------|--------------|-----------|--------------|--------------|-----------|--------------|--------------|-----------------|---------------------|---------------------|
| -1Y1- LT. | (cu. meters) | (cu. meters) | -1Y1- LT. | (cu. meters) | (cu. meters) | -1Y1- LT. | (cu. meters) | (cu. meters) | -1Y1- RT. | (cu. meters) | (cu. meters) | -1Y1- RT. | (cu. meters) | (cu. meters) | -1Y1- RT.       | (cu. meters)        | (cu. meters)        |
| 10+40.000 | 0            | 0            | 21+00.000 | 336          | 0            | 31+60.000 | 49           | 0            | 10+40.000 | 0            | 0            | 21+00.000 | 83           | 7            | 31+60.000       | 177                 | 0                   |
| 10+60.000 | 30           | 0            | 21+20.000 | 394          | 0            | 31+80.000 | 52           | 0            | 10+60.000 | 48           | 0            | 21+20.000 | 38           | 6            | 31+80.000       | 218                 | 0                   |
| 10+80.000 | 27           | 54           | 21+40.000 | 513          | 0            | 32+00.000 | 60           | 0            | 10+80.000 | 41           | 1            | 21+40.000 | 89           | 1            | 32+00.000       | 260                 | 0                   |
| 11+00.000 | 28           | 61           | 21+60.000 | 603          | 0            | 32+20.000 | 48           | 7            | 11+00.000 | 73           | 1            | 21+60.000 | 170          | 0            | 32+20.000       | 261                 | 0                   |
| 11+20.000 | 29           | 14           | 21+80.000 | 613          | 0            | 32+40.000 | 33           | 19           | 11+20.000 | 162          | 0            | 21+80.000 | 238          | 0            | 32+40.000       | 239                 | 0                   |
| 11+40.000 | 30           | 12           | 22+00.000 | 566          | 0            | 32+60.000 | 39           | 30           | 11+40.000 | 245          | 0            | 22+00.000 | 300          | 0            | 32+60.000       | 235                 | 0                   |
| 11+60.000 | 33           | 6            | 22+20.000 | 505          | 0            | 32+80.000 | 39           | 50           | 11+60.000 | 301          | 0            | 22+20.000 | 350          | 0            | 32+80.000       | 206                 | 0                   |
| 11+80.000 | 32           | 7            | 22+40.000 | 463          | 0            | 33+00.000 | 32           | 74           | 11+80.000 | 239          | 0            | 22+40.000 | 382          | 0            | 33+00.000       | 192                 | 0                   |
| 12+00.000 | 27           | 31           | 22+60.000 | 418          | 0            | 33+20.000 | 1442         | 94           | 12+00.000 | 90           | 30           | 22+60.000 | 322          | 0            | 33+20.000       | 223                 | 0                   |
| 12+20.000 | 23           | 104          | 22+80.000 | 278          | 0            | 33+40.000 | 793          | 114          | 12+20.000 | 32           | 69           | 22+80.000 | 189          | 5            | 33+40.000       | 209                 | 0                   |
| 12+40.000 | 23           | 112          | 23+00.000 | 103          | 62           | 33+60.000 | 274          | 201          | 12+40.000 | 93           | 39           | 23+00.000 | 99           | 34           | 33+60.000       | 167                 | 0                   |
| 12+60.000 | 24           | 56           | 23+20.000 | 38           | 189          | 33+80.000 | 37           | 313          | 12+60.000 | 210          | 0            | 23+20.000 | 75           | 80           | 33+80.000       | 138                 | 0                   |
| 12+80.000 | 25           | 49           | 23+40.000 | 38           | 162          | 34+00.000 | 30           | 300          | 12+80.000 | 183          | 5            | 23+40.000 | 58           | 151          | 34+00.000       | 129                 | 0                   |
| 13+00.000 | 26           | 70           | 23+60.000 | 214          | 35           | 34+20.000 | 39           | 199          | 13+00.000 | 66           | 84           | 23+60.000 | 40           | 128          | 34+20.000       | 160                 | 0                   |
| 13+20.000 | 28           | 114          | 23+80.000 | 501          | 0            | 34+40.000 | 44           | 133          | 13+20.000 | 31           | 195          | 23+80.000 | 41           | 697          | 34+40.000       | 179                 | 0                   |
| 13+40.000 | 28           | 230          | 24+00.000 | 545          | 0            | 34+60.000 | 39           | 104          | 13+40.000 | 34           | 274          | 24+00.000 | 77           | 158          | 34+60.000       | 197                 | 0                   |
| 13+60.000 | 27           | 458          | 24+20.000 | 454          | 0            | 34+80.000 | 35           | 99           | 13+60.000 | 32           | 307          | 24+20.000 | 190          | 1            | 34+80.000       | 217                 | 0                   |
| 13+80.000 | 27           | 439          | 24+40.000 | 562          | 0            | 35+00.000 | 32           | 106          | 13+80.000 | 25           | 472          | 24+40.000 | 296          | 0            | 35+00.000       | 251                 | 0                   |
| 14+00.000 | 28           | 238          | 24+60.000 | 932          | 2            | 35+20.000 | 32           | 83           | 14+00.000 | 26           | 652          | 24+60.000 | 315          | 0            | 35+20.000       | 289                 | 0                   |
| 14+20.000 | 27           | 193          | 24+80.000 | 1450         | 3            | 35+40.000 | 37           | 41           | 14+20.000 | 28           | 476          | 24+80.000 | 341          | 0            | 35+40.000       | 275                 | 0                   |
| 14+40.000 | 27           | 137          | 25+00.000 | 2047         | 1            | 35+60.000 | 57           | 7            | 14+40.000 | 31           | 193          | 25+00.000 | 426          | 0            | 35+60.000       | 240                 | 0                   |
| 14+60.000 | 28           | 79           | 25+20.000 | 2524         | 0            | 35+80.000 | 95           | 0            | 14+60.000 | 32           | 85           | 25+20.000 | 455          | 0            | 35+80.000       | 211                 | 0                   |
| 14+80.000 | 26           | 72           | 25+40.000 | 2898         | 0            | 36+00.000 | 147          | 1            | 14+80.000 | 33           | 53           | 25+40.000 | 365          | 0            | 36+00.000       | 195                 | 0                   |
| 15+00.000 | 28           | 56           | 25+60.000 | 3143         | 0            | 36+20.000 | 215          | 2            | 15+00.000 | 86           | 19           | 25+60.000 | 169          | 11           | 36+20.000       | 185                 | 0                   |
| 15+20.000 | 32           | 38           | 25+80.000 | 3112         | 0            | 36+40.000 | 279          | 3            | 15+20.000 | 176          | 8            | 25+80.000 | 37           | 69           | 36+40.000       | 104                 | 0                   |
| 15+40.000 | 38           | 29           | 26+00.000 | 2763         | 0            | 36+60.000 | 338          | 5            | 15+40.000 | 292          | 6            | 26+00.000 | 37           | 111          |                 |                     |                     |
| 15+60.000 | 74           | 14           | 26+20.000 | 1691         | 12           | 36+80.000 | 393          | 4            | 15+60.000 | 473          | 6            | 26+20.000 | 38           | 90           | <b>Station</b>  | <b>Uncl. Exc.</b>   | <b>Embt</b>         |
| 15+80.000 | 100          | 3            | 26+40.000 | 558          | 429          | 37+00.000 | 387          | 3            | 15+80.000 | 765          | 5            | 26+40.000 | 37           | 88           | <b>Flylerev</b> | <b>(cu. meters)</b> | <b>(cu. meters)</b> |
| 16+00.000 | 96           | 2            | 26+60.000 | 123          | 983          | 37+20.000 | 362          | 4            | 16+00.000 | 1256         | 3            | 26+60.000 | 33           | 176          | 10+00.000       | 0                   | 0                   |
| 16+20.000 | 96           | 1            | 26+80.000 | 128          | 722          | 37+40.000 | 363          | 4            | 16+20.000 | 1535         | 2            | 26+80.000 | 31           | 283          | 10+20.000       | 6315                | 0                   |
| 16+40.000 | 100          | 1            | 27+00.000 | 366          | 20           | 37+60.000 | 445          | 4            | 16+40.000 | 1454         | 1            | 27+00.000 | 34           | 232          | 10+40.000       | 7220                | 0                   |
| 16+60.000 | 107          | 1            | 27+20.000 | 569          | 5            | 37+80.000 | 594          | 3            | 16+60.000 | 1485         | 1            | 27+20.000 | 42           | 76           | 10+60.000       | 7652                | 0                   |
| 16+80.000 | 95           | 1            | 27+40.000 | 515          | 0            | 38+00.000 | 739          | 2            | 16+80.000 | 1599         | 1            | 27+40.000 | 150          | 2            | 10+80.000       | 8594                | 0                   |
| 17+00.000 | 57           | 10           | 27+60.000 | 230          | 0            | 38+20.000 | 777          | 3            | 17+00.000 | 1552         | 1            | 27+60.000 | 335          | 1            | 11+00.000       | 9857                | 0                   |
| 17+20.000 | 34           | 32           | 27+80.000 | 41           | 0            | 38+40.000 | 640          | 4            | 17+20.000 | 1486         | 0            | 27+80.000 | 471          | 0            | 11+20.000       | 10429               | 0                   |
| 17+40.000 | 64           | 39           | 28+00.000 | 33           | 0            | 38+60.000 | 471          | 5            | 17+40.000 | 1601         | 0            | 28+00.000 | 537          | 0            | 11+40.000       | 10171               | 0                   |
| 17+60.000 | 252          | 19           | 28+20.000 | 35           | 0            | 38+80.000 | 348          | 4            | 17+60.000 | 1750         | 0            | 28+20.000 | 563          | 0            | 11+60.000       | 9560                | 0                   |
| 17+80.000 | 515          | 3            | 28+40.000 | 35           | 1            | 39+00.000 | 250          | 3            | 17+80.000 | 1570         | 0            | 28+40.000 | 572          | 0            | 11+80.000       | 9145                | 0                   |
| 18+00.000 | 717          | 3            | 28+60.000 | 33           | 1            | 39+20.000 | 218          | 3            | 18+00.000 | 1235         | 1            | 28+60.000 | 520          | 0            | 12+00.000       | 8648                | 0                   |
| 18+20.000 | 891          | 0            | 28+80.000 | 35           | 253          | 39+40.000 | 182          | 1            | 18+20.000 | 1535         | 1            | 28+80.000 | 439          | 0            | 12+20.000       | 8091                | 0                   |
| 18+40.000 | 1063         | 1            | 29+00.000 | 36           | 383          | 39+60.000 | 80           | 31           | 18+40.000 | 2377         | 0            | 29+00.000 | 360          | 0            | 12+40.000       | 8028                | 0                   |
| 18+60.000 | 1276         | 2            | 29+20.000 | 38           | 217          | 39+80.000 | 29           | 69           | 18+60.000 | 3216         | 0            | 29+20.000 | 281          | 0            | 12+60.000       | 8604                | 0                   |
| 18+80.000 | 1527         | 1            | 29+40.000 | 42           | 164          | 40+00.000 | 30           | 66           | 18+80.000 | 4050         | 0            | 29+40.000 | 244          | 0            | 12+80.000       | 9439                | 0                   |
| 19+00.000 | 1709         | 0            | 29+60.000 | 38           | 181          | 40+20.000 | 31           | 46           | 19+00.000 | 4589         | 0            | 29+60.000 | 238          | 0            | 13+00.000       | 9779                | 0                   |
| 19+20.000 | 1179         | 0            | 29+80.000 | 33           | 223          | 40+40.000 | 31           | 41           | 19+20.000 | 5470         | 0            | 29+80.000 | 214          | 0            | 13+20.000       | 9634                | 0                   |
| 19+40.000 | 779          | 0            | 30+00.000 | 33           | 237          | 40+60.000 | 31           | 37           | 19+40.000 | 6953         | 0            | 30+00.000 | 196          | 0            | 13+40.000       | 9784                | 0                   |
| 19+60.000 | 887          | 0            | 30+20.000 | 34           | 197          | 40+80.000 | 33           | 24           | 19+60.000 | 8087         | 0            | 30+20.000 | 154          | 0            | 13+60.000       | 10417               | 0                   |
| 19+80.000 | 886          | 0            | 30+40.000 | 35           | 94           | 41+00.000 | 33           | 17           | 19+80.000 | 8954         | 0            | 30+40.000 | 74           | 1            | 13+80.000       | 11025               | 0                   |
| 20+00.000 | 831          | 0            | 30+60.000 | 40           | 28           | 41+20.000 | 30           | 15           | 20+00.000 | 9537         | 0            | 30+60.000 | 33           | 39           | 14+00.000       | 11243               | 0                   |
| 20+20.000 | 611          | 0            | 30+80.000 | 40           | 25           | 41+40.000 | 32           | 6            | 20+20.000 | 907          | 1            | 30+80.000 | 26           | 174          | 14+20.000       | 10974               | 0                   |
| 20+40.000 | 458          | 0            | 31+00.000 | 36           | 33           | 41+60.000 | 36           | 1            | 20+40.000 | 390          | 1            | 31+00.000 | 25           | 200          | 14+40.000       | 10023               | 0                   |
| 20+60.000 | 369          | 0            | 31+20.000 | 35           | 25           |           |              |              | 20+60.000 | 441          | 0            | 31+20.000 | 30           | 74           | 14+60.000       | 8511                | 0                   |
| 20+80.000 | 334          | 0            | 31+40.000 | 44           | 5            |           |              |              | 20+80.000 | 339          | 2            | 31+40.000 | 93           | 10           |                 |                     |                     |