

**ATTACHMENT A**

**A RESOLUTION AWARDING A CONTRACT FOR THE  
HANNA STREET/BOLIN FOREST DRIVE SIDEWALK BOND PROJECT  
Resolution No. 129/2005-06**

**THE BOARD OF ALDERMAN OF THE TOWN OF CARRBORO RESOLVES:**

**Section 1. The contract for the Hanna Street/Bolin Forest Drive Sidewalk Bond Project is awarded to Lanier Construction Co., Inc. in the amount of \$247,869.83.**

**Section 2. This resolution shall become effective upon adoption.**

CONSTRUCTION DOCUMENTATION COST ESTIMA 5/9/2006  
 BOLIN & HANNA STREET SIDEWALK (Combined)  
 Carrboro, NC

| Engineer Estimates   |          |               | Lanier Construction<br>Snow Hill, NC |               |            | Holmes Contracting<br>Cary, NC |             |               | Teer Constructors<br>Raleigh, NC |               |             | Barrett Irvin & Jordan<br>Durham, NC |            |               | Triangle Grading & Paving<br>Burlington, NC |  |  |
|--|----------|---------------|--------------------------------------|---------------|------------|--------------------------------|-------------|---------------|----------------------------------|---------------|-------------|--------------------------------------|------------|---------------|---|--|--|
| ITEM DESCRIPTION   | QUANTITY | COST PER UNIT | TOTAL COST                           | COST PER UNIT | TOTAL COST | COST PER UNIT                  | TOTAL COST  | COST PER UNIT | TOTAL COST                       | COST PER UNIT | TOTAL COST  | COST PER UNIT                        | TOTAL COST | COST PER UNIT | TOTAL COST                                  |  |  |
| 1. Site Demolition   |          |               |                                      |               |            |                                |             |               |                                  |               |             |                                      |            |               |   |  |  |
| A. Clear & Grub (On-Site Disposal)   | 0.39     | AC            | 4,875.00                             | 13000         | AC         | 5,070.00                       | 7,488.00    | 19200         | AC                               | 15,180.00     | 5,920.20    | 18600                                | AC         | 6,474.00      |   |  |  |
| B. Wood Picket Fence Removal   | 19       | LF            | 95.00                                | 20.00         | LF         | 390.00                         | 456.00      | 24.00         | LF                               | 5.75          | 108.25      | 53.00                                | LF         | 1,007.00      |   |  |  |
| C. Brick Retaining Wall Removal  | 73       | SF            | 1,022.00                             | 10.00         | SF         | 730.00                         | 3,374.80    | 10.00         | SF                               | 3.45          | 251.85      | 15.00                                | SF         | 1,095.00      |   |  |  |
| D. Tree Protection Fencing   | 1,534    | LF            | 4,602.00                             | 3.00          | LF         | 4,602.00                       | 2,200.00    | 2.20          | LF                               | 3,374.80      | 5.00        | LF                                   | 7,670.00   |               |   |  |  |
| E. 12" RCP Removal   | 184      | LF            | 1,380.00                             | 10.00         | LF         | 1,840.00                       | 2,200.00    | 12.00         | LF                               | 19.55         | 3,597.20    | 17.00                                | LF         | 3,128.00      |   |  |  |
| F. 15" RCP Removal   | 58       | LF            | 435.00                               | 10.00         | LF         | 580.00                         | 1,102.00    | 19.00         | LF                               | 23.00         | 1,334.00    | 17.00                                | LF         | 986.00        |   |  |  |
| G. 24" RCP Removal   | 16       | LF            | 144.00                               | 15.00         | LF         | 240.00                         | 384.00      | 24.00         | LF                               | 27.60         | 441.60      | 21.00                                | LF         | 336.00        |   |  |  |
| H. 8" Tile Pipe Removal  | 18       | LF            | 126.00                               | 10.00         | LF         | 180.00                         | 207.00      | 12.00         | LF                               | 11.50         | 207.00      | 16.00                                | LF         | 288.00        |   |  |  |
| I. Asphalt Saw Cut   | 1,083    | LF            | 7,581.00                             | 5.00          | LF         | 5,415.00                       | 6,498.00    | 6.00          | LF                               | 2.30          | 2,490.00    | 5.00                                 | LF         | 5,415.00      |   |  |  |
| J. Asphalt Pavement Removal  | 249      | SY            | 2,490.00                             | 12.00         | SY         | 2,988.00                       | 2,241.00    | 9.00          | SY                               | 8.05          | 2,004.45    | 28.00                                | SY         | 6,972.00      |   |  |  |
| K. Wood Split Rail Fence Relocation  | 14       | LF            | 280.00                               | 36.00         | LF         | 504.00                         | 924.00      | 66.00         | LF                               | 34.50         | 483.00      | 53.00                                | LF         | 742.00        |   |  |  |
| L. Remove FES  | 1        | EA            | 75.00                                | 250.00        | EA         | 250.00                         | 180.00      | EA            | 175.00                           | EA            | 175.00      | 146.00                               | EA         | 146.00        |   |  |  |
| Subtotal Site Demolition:  |          |               | 23,105.00                            |               |            | 22,779.00                      | 25,901.80   |               |                                  |               | 20,389.25   |                                      |            | 34,259.00     |   |  |  |
| 2. Earthwork   |          |               |                                      |               |            |                                |             |               |                                  |               |             |                                      |            |               |   |  |  |
| A. Cut/Fill  | 76       | CY            | 760.00                               | 20.00         | CY         | 1,520.00                       | 3,192.00    | 42.00         | CY                               | 46.00         | 3,486.00    | 59.00                                | CY         | 4,484.00      |   |  |  |
| B. Off-site borrow   | 230      | CY            | 3,450.00                             | 25.00         | CY         | 5,750.00                       | 5,060.00    | 22.00         | CY                               | 40.25         | 9,257.50    | 59.00                                | CY         | 13,570.00     |   |  |  |
| C. Fine Grading  | 1,188    | LF            | 2,336.00                             | 3.00          | LF         | 3,504.00                       | 4,872.00    | 4.00          | LF                               | 3.45          | 4,029.60    | 4.70                                 | LF         | 5,489.60      |   |  |  |
| D. Pavement  | 242      | SY            | 484.00                               | 3.00          | SY         | 726.00                         | 1,210.00    | 5.00          | SY                               | 3.45          | 834.90      | 4.70                                 | SY         | 1,137.40      |   |  |  |
| E. Curbing (Backfill)  | 932      | LF            | 4,660.00                             | 5.00          | LF         | 4,660.00                       | 6.35        | LF            | 5,918.20                         | 6.35          | LF          | 5,405.60                             | 5.80       | LF            | 5,405.60                                    |  |  |
| F. 4" Ditch  | 333      | LF            | 6,660.00                             | 5.00          | LF         | 1,665.00                       | 2,331.00    | 7.00          | LF                               | 8.05          | 2,680.65    | 4.80                                 | LF         | 1,598.40      |   |  |  |
| G. Base Compaction   | 969      | SY            | 3,017.70                             | 3.00          | SY         | 2,874.00                       | 5,748.00    | 6.00          | SY                               | 3.45          | 3,305.10    | 4.50                                 | SY         | 4,311.00      |   |  |  |
| Subtotal Earthwork:  |          |               | 21,367.70                            |               |            | 20,699.00                      | 29,973.00   |               |                                  |               | 29,521.95   |                                      |            | 35,996.00     |   |  |  |
| 3. Soil Erosion Control  |          |               |                                      |               |            |                                |             |               |                                  |               |             |                                      |            |               |   |  |  |
| A. Stabilization (Seeding, Temporary and Permanent)  | 9,629    | SF            | 10,014.16                            | 0.25          | SF         | 2,407.25                       | 1,925.80    | 0.20          | SF                               | 0.15          | 1,444.35    | 1.05                                 | SF         | 10,110.45     |   |  |  |
| B. Rock Inlet Sediment Trap - Type C   | 21       | EA            | 7,350.00                             | 300.00        | EA         | 6,300.00                       | 8,400.00    | 400.00        | EA                               | 160.00        | 64,000.00   | 245.00                               | EA         | 5,145.00      |   |  |  |
| C. Temp. Rock Silt Check - Type B  | 12       | EA            | 5,400.00                             | 300.00        | EA         | 3,600.00                       | 6,000.00    | 500.00        | EA                               | 105.00        | 5,250.00    | 150.00                               | EA         | 1,800.00      |   |  |  |
| D. Temporary Silt Fence  | 47       | LF            | 329.00                               | 5.00          | LF         | 235.00                         | 335.00      | 5.00          | LF                               | 3.75          | 176.25      | 3.75                                 | LF         | 176.25        |   |  |  |
| E. Ditch Matting   | 301      | LF            | 1,655.50                             | 7.00          | LF         | 2,107.00                       | 4.00        | LF            | 2,074.00                         | 6.90          | 2,076.90    | 4.60                                 | LF         | 1,364.60      |   |  |  |
| F. Slope Matting   | 591      | SF            | 2,364.00                             | 7.00          | SF         | 4,137.00                       | 886.50      | 1.50          | SF                               | 0.65          | 384.15      | 4.60                                 | SF         | 2,718.60      |   |  |  |
| Subtotal Soil Erosion Control:   |          |               | 27,112.66                            |               |            | 18,788.25                      | 18,651.30   |               |                                  |               | 8,795.65    |                                      |            | 21,334.90     |   |  |  |
| 4. Surveying & Layout  |          |               |                                      |               |            |                                |             |               |                                  |               |             |                                      |            |               |   |  |  |
| A. Surveying   | 1        | LS            | 12,000.00                            | 15,000.00     | LS         | 15,000.00                      | 30,380.00   | 30,380.00     | LS                               | 8,050.00      | 8,050.00    | 7,200.00                             | LS         | 7,200.00      |   |  |  |
| Subtotal Surveying & Layout:   |          |               | 12,000.00                            |               |            | 15,000.00                      | 30,380.00   |               |                                  |               | 8,050.00    |                                      |            | 7,200.00      |   |  |  |
| 5. Storm Drainage  |          |               |                                      |               |            |                                |             |               |                                  |               |             |                                      |            |               |   |  |  |
| A. 15" RCP   | 699      | LF            | 25,863.00                            | 30.00         | LF         | 20,970.00                      | 29.00       | LF            | 20,271.00                        | 52.90         | 36,977.10   | 30.00                                | LF         | 20,970.00     |   |  |  |
| B. 18" RCP   | 204      | LF            | 8,160.00                             | 34.00         | LF         | 6,936.00                       | 34.00       | LF            | 6,936.00                         | 57.50         | 11,730.00   | 33.00                                | LF         | 6,732.00      |   |  |  |
| C. 24" RCP   | 19       | LF            | 665.00                               | 53.00         | LF         | 1,007.00                       | 86.00       | LF            | 1,294.00                         | 74.75         | 1,420.25    | 50.00                                | LF         | 950.00        |   |  |  |
| D. Convert DI to JB w/WH   | 2        | EA            | 1,050.00                             | 2,100.00      | EA         | 2,500.00                       | 2,600.00    | EA            | 5,200.00                         | 805.00        | 4,100.00    | EA                                   | 1,550.00   |               |   |  |  |
| E. Tie 4" DIP to HDPE  | 1        | LS            | 175.00                               | 500.00        | LS         | 500.00                         | 1,200.00    | LS            | 1,200.00                         | 345.00        | 345.00      | LS                                   | 200.00     |               |   |  |  |
| F. Tie 6" HDPE to 2GI  | 1        | LS            | 500.00                               | 750.00        | LS         | 750.00                         | 1,200.00    | LS            | 1,200.00                         | 517.50        | 300.00      | LS                                   | 300.00     |               |   |  |  |
| G. DI  | 4        | EA            | 1,700.00                             | 1,250.00      | EA         | 5,000.00                       | 2,100.00    | EA            | 8,400.00                         | 2,185.00      | EA          | 2,000.00                             | EA         | 8,000.00      |   |  |  |
| H. CB  | 8        | EA            | 1,750.00                             | 1,750.00      | EA         | 14,000.00                      | 2,400.00    | EA            | 19,200.00                        | 2,242.50      | EA          | 17,940.00                            | EA         | 16,000.00     |   |  |  |
| I. 2GI   | 4        | EA            | 8,000.00                             | 1,750.00      | EA         | 7,000.00                       | 1,400.00    | EA            | 5,600.00                         | 2,415.00      | EA          | 9,660.00                             | EA         | 8,000.00      |   |  |  |
| J. JB w/WH   | 2        | EA            | 4,000.00                             | 2,500.00      | EA         | 5,000.00                       | 2,700.00    | EA            | 5,400.00                         | 2,415.00      | EA          | 4,830.00                             | EA         | 5,000.00      |   |  |  |
| Subtotal Storm Drainage:   |          |               | 70,263.00                            |               |            | 63,663.00                      | 74,661.00   |               |                                  |               | 93,769.65   |                                      |            | 69,252.00     |   |  |  |
| 6. Curb, Stone Base and Paving   |          |               |                                      |               |            |                                |             |               |                                  |               |             |                                      |            |               |   |  |  |
| A. Sidewalk 4" Concrete  | 5,021    | SF            | 19,581.90                            | 4.00          | SF         | 20,084.00                      | 3.70        | SF            | 16,577.70                        | 3.15          | 15,816.15   | 4.25                                 | SF         | 21,339.25     |   |  |  |
| B. Sidewalk 6" Concrete  | 895      | SF            | 3,848.50                             | 6.00          | SF         | 5,370.00                       | 4,654.00    | 5.20          | SF                               | 3,756.25      | 5.00        | SF                                   | 4,475.00   |               |   |  |  |
| C. Sidewalk 6" Precast Concrete  | 1,376    | SF            | 8,421.12                             | 8.00          | SF         | 11,008.00                      | 7.70        | SF            | 10,595.20                        | 19.65         | 27,038.40   | 14.50                                | SF         | 19,952.00     |   |  |  |
| D. 30" Curb & Gutter   | 209      | LF            | 19,484.00                            | 20.00         | LF         | 21,660.00                      | 18.00       | LF            | 19,484.00                        | 19.15         | 20,739.45   | 19.00                                | LF         | 20,577.00     |   |  |  |
| E. 2" Asphalt  | 1,483    | SY            | 3,921.75                             | 20.00         | SY         | 4,960.00                       | 42.00       | SY            | 10,458.00                        | 12.65         | 3,149.65    | 15.00                                | SY         | 3,735.00      |   |  |  |
| F. Wheel Chair Ramp  | 1        | EA            | 1,050.00                             | 1,200.00      | EA         | 1,200.00                       | 800.00      | EA            | 800.00                           | 865.00        | EA          | 865.00                               | EA         | 1,000.00      |   |  |  |
| G. ABC Stone   | 542      | SY            | 3,712.70                             | 7.00          | SY         | 3,794.00                       | 6,504.00    | 12.00         | SY                               | 6,504.00      | 13.80       | SY                                   | 17,886.00  |               |   |  |  |
| H. Concrete Driveway Apron   | 13       | EA            | 800.00                               | 1,000.00      | EA         | 13,000.00                      | 650.00      | EA            | 8,450.00                         | 805.00        | EA          | 10,465.00                            | EA         | 5,650.00      |   |  |  |
| Subtotal Curb, Stone Base and Paving:  |          |               | 70,428.97                            |               |            | 81,096.00                      | 79,532.90   |               |                                  |               | 94,814.23   |                                      |            | 84,814.23     |   |  |  |
| 7. Miscellaneous   |          |               |                                      |               |            |                                |             |               |                                  |               |             |                                      |            |               |   |  |  |
| A. Driveway Reconstruction   | 14       | LS            | 4,200.00                             | 857.14        | LS         | 12,000.00                      | 450.00      | LS            | 6,300.00                         | 575.00        | 8,050.00    | 1,000.00                             | LS         | 14,000.00     |   |  |  |
| B. Mobilization  | 1        | LS            | 1,036.50                             | 13,000.75     | LS         | 13,000.75                      | 12,000.00   | LS            | 12,000.00                        | 11,500.00     | 11,500.00   | 11,000.00                            | LS         | 11,000.00     |   |  |  |
| C. Segmental Retaining Wall  | 401      | SF            | 12,039.00                            | 35.00         | SF         | 14,035.00                      | 33.00       | SF            | 13,233.00                        | 45.45         | 18,225.45   | 28.00                                | SF         | 11,228.00     |   |  |  |
| D. Adjust Sewer Services   | 12       | EA            | 3,000.00                             | 400.00        | EA         | 4,800.00                       | 350.00      | EA            | 4,200.00                         | 460.00        | EA          | 650.00                               | EA         | 7,800.00      |   |  |  |
| E. Relocate Cable Pedestal   | 1        | EA            | 1,500.00                             | 1,000.00      | EA         | 1,000.00                       | 1,600.00    | EA            | 1,600.00                         | 865.00        | EA          | 865.00                               | EA         | 18,000.00     |   |  |  |
| Subtotal Miscellaneous:  |          |               | \$21,766.50                          |               |            | \$44,835.75                    | \$37,333.00 |               |                                  |               | \$43,500.45 |                                      |            | \$62,028.00   |   |  |  |
| 8. Alternates  |          |               |                                      |               |            |                                |             |               |                                  |               |             |                                      |            |               |   |  |  |
| A. Adjust Water Valvebox   | 2        | EA            | 250.00                               | 400.00        | EA         | 800.00                         | 400.00      | EA            | 800.00                           | 290.00        | EA          | 580.00                               | EA         | 1,280.00      |   |  |  |
| B. Adjust Water Service & Meter  | 9        | EA            | 1,575.00                             | 335.00        | EA         | 3,015.00                       | 3,150.00    | EA            | 3,150.00                         | 635.00        | EA          | 5,715.00                             | EA         | 12,600.00     |   |  |  |
| Subtotal Alternates:   |          |               | \$1,825.00                           |               |            | \$3,815.00                     | \$3,950.00  |               |                                  |               | \$6,295.00  |                                      |            | \$13,880.00   |   |  |  |
| Engineer's estimate range:<br>\$245,000 - \$294,000<br>TOTAL BASE BID: \$0.00 TOTAL BASE BID: \$247,869.83 TOTAL BASE BID: \$270,674.00 TOTAL BASE BID: \$297,183.00 TOTAL BASE BID: \$299,231.85 TOTAL BASE BID: \$338,764.15 |          |               |                                      |               |            |                                |             |               |                                  |               |             |                                      |            |               |   |  |  |