

**Certified Bid Tab for West Water Main**  
**CMU Project No. 446-02-227**  
**Bid Opening: August 2, 2007**



**LEGEND**

|  |  |
|--|--|
| <b>Math Corrected by McKim &amp; Creed</b> |  |
| <b>Maximum</b>                             |  |
| <b>Minimum</b>                             |  |
| <b>Closest to Average</b>                  |  |

I hereby certify that the below tabulation is a correct tabulation of the bids received on August 2, 2007  
 West Water Main CMU Project No. 446-02-227  
 Name: William S. Radtke  
 Date: 8/7/2007

| ITEM  | DESCRIPTION   | QUANTITIES |    |
|---|---|------------|----|
| <b>64" WATER MAIN CONSTRUCTION</b>                |   |            |    |
| <b>A WATER MAIN PIPE</b>                          |   |            |    |
| 1   | STATION 1+20 TO 32+96   | 2,991      | LF |
| 2   | STATION 49+37 TO 80+55  | 2,783      | LF |
| 3   | STATION 80+55 TO 99+30  | 1,875      | LF |
| 4   | STATION 99+30 TO 140+50                                       | 3,975      | LF |
| 5   | STATION 140+50 TO 217+72                                      | 6,220      | LF |
| <b>B ROCK EXCAVATION</b>                          |   |            |    |
|   | ROCK EXCAVATION (MUST BID MIN. \$50)                          | 1,600      | CY |
| <b>C HAULING AND DISPOSAL OF EXCESS MATERIALS</b> |   |            |    |
|   | HAULING AND DISPOSAL OF EXCESS MATERIALS                      | 26,800     | CY |
| <b>D TUNNELED CROSSINGS</b>                       |   |            |    |
| 1   | NORFOLK SOUTHERN RAILROAD (STA. 71+70 TO 74+05)               | 1          | LS |
| 2   | NORFOLK SOUTHERN RAILROAD SPUR (STA. 103+55 TO 104+45)        | 1          | LS |
| 3   | INTERSTATE ROUTE I-77 (STA. 190+27 TO 197+73)                 | 1          | LS |
| <b>E CREEK UNDERCROSSINGS</b>                     |   |            |    |
| 1   | TAGGART'S CREEK (STA. 8+00 TO 9+65)                           | 1          | LS |
| 2   | IRWIN CREEK (STA. 175+00 TO 177+20)                           | 1          | LS |
| <b>F STREET CROSSINGS</b>                         |   |            |    |
| 1   | OLD STEELE CREEK ROAD (STA. 79+95 TO 80+55)                   | 1          | LS |
| 2   | DONALD ROSS ROAD (STA. 99+30 TO 99+65)                        | 1          | LS |
| 3   | WEST BOULEVARD (STA. 150+40 TO 151+05)                        | 1          | LS |
| 4   | OLD STEELE CREEK ROAD-8-inch SANITARY SEWER. (MH 13 TO MH 14) | 1          | LS |

**Rockdale Pipeline, Inc.**  
 Conyers, GA  
 N.C. License No. 25050

| UNIT PRICE     | TOTAL           | Method of Const. |
|----------------|-----------------|------------------|
|                |                 |                  |
| \$604.60       | \$1,808,358.60  |                  |
| \$615.60       | \$1,713,214.80  |                  |
| \$626.60       | \$1,174,875.00  |                  |
| \$637.60       | \$2,534,460.00  |                  |
| \$658.50       | \$4,095,870.00  |                  |
| Subtotal       | \$11,326,778.40 |                  |
| \$55.00        | \$88,000.00     |                  |
| \$6.60         | \$176,880.00    |                  |
| \$987,762.60   | \$987,762.60    | Tunnel           |
| \$696,850.00   | \$696,850.00    | Open Cut         |
| \$1,810,930.00 | \$1,810,930.00  |                  |
| Subtotal       | \$3,495,542.60  |                  |
| \$280,000.00   | \$280,000.00    |                  |
| \$310,000.00   | \$310,000.00    | Open Cut         |
| Subtotal       | \$590,000.00    |                  |
| \$110,000.00   | \$110,000.00    | Open Cut         |
| \$95,000.00    | \$95,000.00     | Open Cut         |
| \$110,000.00   | \$110,000.00    | Open Cut         |
| \$25,000.00    | \$25,000.00     | Open Cut         |

**B.R.S., Inc. and Sander's Utility Construction**  
 Richfield, NC / Charlotte, NC  
 N.C. License No. 20414 / 39394

| UNIT PRICE     | TOTAL          | Method of Const. |
|----------------|----------------|------------------|
|                |                |                  |
| \$686.50       | \$2,053,321.50 |                  |
| \$421.00       | \$1,171,643.00 |                  |
| \$403.00       | \$755,625.00   |                  |
| \$395.00       | \$1,570,125.00 |                  |
| \$712.00       | \$4,428,640.00 |                  |
| Subtotal       | \$9,979,354.50 |                  |
| \$50.00        | \$80,000.00    |                  |
| \$6.00         | \$160,800.00   |                  |
| \$569,735.00   | \$569,735.00   | Tunnel           |
| \$320,691.00   | \$320,691.00   | Tunnel/Jack      |
| \$2,339,009.00 | \$2,339,009.00 |                  |
| Subtotal       | \$3,229,435.00 |                  |
| \$95,350.00    | \$95,350.00    |                  |
| \$794,654.00   | \$794,654.00   | Tunnel           |
| Subtotal       | \$890,004.00   |                  |
| \$188,437.00   | \$188,437.00   | Bore             |
| \$182,305.00   | \$182,305.00   | Bore             |
| \$152,700.00   | \$152,700.00   | Bore             |
| \$58,850.00    | \$58,850.00    | Bore             |

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| ITEM                               | DESCRIPTION  | QUANTITIES |    |
|------------------------------------|--|------------|----|
| <b>64" WATER MAIN CONSTRUCTION</b> |  |            |    |
| <b>G</b>                           | <b>BUTTERFLY VALVE ASSEMBLIES</b>  |            |    |
|                                    | BUTTERFLY VALVE ASSEMBLIES   | 5          | EA |
| <b>H</b>                           | <b>BLOW-OFF ASSEMBLIES</b>   |            |    |
|                                    | BLOW-OFF ASSEMBLIES  | 10         | EA |
| <b>I</b>                           | <b>MANUAL AIR RELEASE VALVE ASSEMBLIES</b>                                     |            |    |
|                                    | MANUAL AIR RELEASE VALVE ASSEMBLIES  | 20         | EA |
| <b>J</b>                           | <b>OFF-LINE AIR RELEASE/VACUUM VALVE ASSEMBLY</b>                              |            |    |
|                                    | OFF-LINE AIR RELEASE/VACUUM VALVE ASSEMBLY                                     | 1          | EA |
| <b>K</b>                           | <b>WATER MAIN ACCESS PORTS</b>   |            |    |
|                                    | WATER MAIN ACCESS PORTS  | 9          | EA |
| <b>L</b>                           | <b>PUMP-OUT DRAIN PORTS</b>  |            |    |
|                                    | PUMP-OUT DRAIN PORTS   | 5          | EA |
| <b>M</b>                           | <b>FLOW MONITORING STATIONS</b>  |            |    |
| 1                                  | GOLF ACRES DRIVE (ON PROPOSED 64" WATER MAIN)                                  | 1          | LS |
| 2                                  | SOUTH TRYON STREET (ON EXISTING 36" PCCP)                                      | 1          | LS |
| <b>N</b>                           | <b>REMOVE/RECONSTRUCT EXISTING STORM SEWERS</b>                                |            |    |
| 1                                  | 54" RCP  | 80         | LF |
| 2                                  | 48" RCP  | 38         | LF |
| 3                                  | 24" RCP  | 76         | LF |
| 4                                  | 18" RCP  | 40         | LF |
| 5                                  | 15" RCP  | 120        | LF |
| <b>O</b>                           | <b>REMOVE/RECONSTRUCT EXISTING WATER MAINS</b>                                 |            |    |
| 1                                  | 12" DIP  | 100        | LF |
| 2                                  | 8" DIP   | 60         | LF |
| 3                                  | 6" DIP   | 100        | LF |
| <b>P</b>                           | <b>TESTING OF WATER MAINS - INSTALLED BY OTHERS</b>                            |            |    |
| 1                                  | SOUTHWEST WATER MAIN (STA. 1+20 BACK TO LAST VALVE)<br>SECTION WWM-1           | 1          | LS |
| 2                                  | WEST WATER MAIN - (EXISTING SECTION ALONG MORRIS FIELD DRIVE)<br>SECTION WWM-3 | 1          | LS |
| <b>Q</b>                           | <b>WATSON DRIVE 6-IN WATER MAIN RECONSTRUCTION</b>                             |            |    |
|                                    | WATSON DRIVE 6-IN WATER MAIN RECONSTRUCTION                                    | 1          | LS |
| <b>R</b>                           | <b>REMOUNT ROAD 8-IN WATER MAIN RECONSTRUCTION</b>                             |            |    |
|                                    | REMOUNT ROAD 8-IN WATER MAIN RECONSTRUCTION                                    | 1          | LS |
| <b>S</b>                           | <b>WATSON DRIVE SANITARY SEWER RECONSTRUCTION</b>                              |            |    |

| UNIT PRICE   | TOTAL        | Method of Const. |
|--------------|--------------|------------------|
| Subtotal     |              |                  |
|              | \$340,000.00 |                  |
| \$109,862.50 | \$549,312.50 |                  |
| \$17,000.00  | \$170,000.00 |                  |
| \$12,000.00  | \$240,000.00 |                  |
| \$120,000.00 | \$120,000.00 |                  |
| \$20,000.00  | \$180,000.00 |                  |
| \$16,500.00  | \$82,500.00  |                  |
| \$27,500.00  | \$27,500.00  |                  |
| \$27,500.00  | \$27,500.00  |                  |
| \$165.00     | \$13,200.00  |                  |
| \$121.00     | \$4,598.00   |                  |
| \$100.00     | \$7,600.00   |                  |
| \$88.00      | \$3,520.00   |                  |
| \$77.00      | \$9,240.00   |                  |
| \$77.00      | \$7,700.00   |                  |
| \$71.50      | \$4,290.00   |                  |
| \$68.20      | \$6,820.00   |                  |
| \$11,000.00  | \$11,000.00  |                  |
| \$11,000.00  | \$11,000.00  |                  |
| \$27,500.00  | \$27,500.00  |                  |
| \$71,500.00  | \$71,500.00  |                  |

| UNIT PRICE   | TOTAL        | Method of Const. |
|--------------|--------------|------------------|
| Subtotal     |              |                  |
|              | \$582,292.00 |                  |
| \$177,478.00 | \$887,390.00 |                  |
| \$18,750.00  | \$187,500.00 |                  |
| \$11,258.00  | \$225,160.00 |                  |
| \$123,007.00 | \$123,007.00 |                  |
| \$17,369.00  | \$156,321.00 |                  |
| \$18,750.00  | \$93,750.00  |                  |
| \$21,799.00  | \$21,799.00  |                  |
| \$23,180.00  | \$23,180.00  |                  |
| \$178.00     | \$14,240.00  |                  |
| \$130.00     | \$4,940.00   |                  |
| \$36.00      | \$2,736.00   |                  |
| \$22.00      | \$880.00     |                  |
| \$20.00      | \$2,400.00   |                  |
| \$96.00      | \$9,600.00   |                  |
| \$70.00      | \$4,200.00   |                  |
| \$65.00      | \$6,500.00   |                  |
| \$12,650.00  | \$12,650.00  |                  |
| \$22,650.00  | \$22,650.00  |                  |
| \$35,550.00  | \$35,550.00  |                  |
| \$73,750.00  | \$73,750.00  |                  |

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| ITEM                               | DESCRIPTION   | QUANTITIES |    |
|------------------------------------|---|------------|----|
| <b>64" WATER MAIN CONSTRUCTION</b> |   |            |    |
|                                    | WATSON DRIVE SANITARY SEWER RECONSTRUCTION                | 1          | LS |
| <b>T</b>                           | <b>REPLACE EXISTING WATER SERVICES</b>                    |            |    |
|                                    | REPLACE EXISTING WATER SERVICES                           | 43         | EA |
| <b>U</b>                           | <b>FIRE HYDRANTS</b>                                      |            |    |
| 1                                  | REMOVE/REPLACE OR INSTALL FIRE HYDRANTS                   | 15         | EA |
| <b>V</b>                           | <b>REMOVE AND RECONSTRUCT EXISTING SANITARY SEWER</b>     |            |    |
| 1                                  | 12-IN DIP   | 100        | LF |
| 2                                  | 10-IN DIP   | 100        | LF |
| 3                                  | 8-IN DIP  | 276        | LF |
| 4                                  | 4-FT SANITARY SEWER MANHOLES                              | 1          | EA |
| <b>W</b>                           | <b>REMOVE/REPLACE EXISTING CONCRETE CURB &amp; GUTTER</b> |            |    |
|                                    | REMOVE/REPLACE EXISTING CONCRETE CURB & GUTTER            | 5,000      | LF |
| <b>X</b>                           | <b>REMOVE/REPLACE EXISTING CONCRETE SIDEWALK</b>          |            |    |
|                                    | REMOVE/REPLACE EXISTING CONCRETE SIDEWALK                 | 823        | SY |
| <b>Y</b>                           | <b>PERMANENT GRASSING</b>                                 |            |    |
|                                    | PERMANENT GRASSING  | 12,500     | LF |
| <b>Z</b>                           | <b>TEMPORARY CONSTRUCTION ENTRANCES</b>                   |            |    |
|                                    | TEMPORARY CONSTRUCTION ENTRANCES                          | 19         | EA |
| <b>AA</b>                          | <b>SILT FENCE</b>   |            |    |
|                                    | SILT FENCE  | 35,000     | LF |
| <b>BB</b>                          | <b>ROCK CHECK DAMS</b>                                    |            |    |
|                                    | ROCK CHECK DAMS   | 58         | EA |
| <b>CC</b>                          | <b>TEMPORARY SEDIMENT TRAPS</b>                           |            |    |
|                                    | TEMPORARY SEDIMENT TRAPS                                  | 41         | EA |
| <b>DD</b>                          | <b>REINFORCED STABILIZED OUTLETS</b>                      |            |    |
|                                    | REINFORCED STABILIZED OUTLETS                             | 25         | EA |
| <b>EE</b>                          | <b>MAINTENANCE OF SEDIMENT AND EROSION CONTROL ITEMS</b>  |            |    |
|                                    | MAINTENANCE OF SEDIMENT AND EROSION CONTROL ITEMS         | 1          | LS |
| <b>FF</b>                          | <b>ANTI-SEEP COLLARS</b>                                  |            |    |
|                                    | ANTI-SEEP COLLARS   | 5          | EA |
| <b>GG</b>                          | <b>ASPHALT PAVEMENT REMOVAL AND REPLACEMENT</b>           |            |    |
| 2                                  | RESIDENTIAL STREETS                                       | 900        | SY |
| 2                                  | COMMERCIAL STREETS  | 7,500      | SY |
| <b>HH</b>                          | <b>CONNECTION TO EXISTING WATER TRANSMISSION MAINS</b>    |            |    |
| 1                                  | SOUTHWEST WATER MAIN (STA. 1+20)                          | 1          | LS |
| 2                                  | GOLF ACRES DRIVE (STA. 32+96)                             | 1          | LS |
| 3                                  | PLATO CIRCLE (STA. 49+37)                                 | 1          | LS |
| 4                                  | SOUTH WATER MAIN (STA. 217+72)                            | 1          | LS |

| UNIT PRICE  | TOTAL        | Method of Const. |
|-------------|--------------|------------------|
| \$38,500.00 | \$38,500.00  |                  |
| \$1,450.00  | \$62,350.00  |                  |
| \$3,850.00  | \$57,750.00  |                  |
| \$100.00    | \$10,000.00  |                  |
| \$95.00     | \$9,500.00   |                  |
| \$82.50     | \$22,770.00  |                  |
| \$3,850.00  | \$3,850.00   |                  |
| \$27.50     | \$137,500.00 |                  |
| \$49.50     | \$40,738.50  |                  |
| \$2.20      | \$27,500.00  |                  |
| \$500.00    | \$9,500.00   |                  |
| \$1.60      | \$56,000.00  |                  |
| \$200.00    | \$11,600.00  |                  |
| \$250.00    | \$10,250.00  |                  |
| \$300.00    | \$7,500.00   |                  |
| \$47,425.00 | \$47,425.00  |                  |
| \$5,500.00  | \$27,500.00  |                  |
| \$44.00     | \$39,600.00  |                  |
| \$60.50     | \$453,750.00 |                  |
| \$22,000.00 | \$22,000.00  |                  |
| \$22,000.00 | \$22,000.00  |                  |
| \$22,000.00 | \$22,000.00  |                  |
| \$22,000.00 | \$22,000.00  |                  |

| UNIT PRICE  | TOTAL        | Method of Const. |
|-------------|--------------|------------------|
| \$40,650.00 | \$40,650.00  |                  |
| \$300.00    | \$12,900.00  |                  |
| \$4,203.00  | \$63,045.00  |                  |
| \$96.00     | \$9,600.00   |                  |
| \$81.00     | \$8,100.00   |                  |
| \$70.00     | \$19,320.00  |                  |
| \$2,000.00  | \$2,000.00   |                  |
| \$20.00     | \$100,000.00 |                  |
| \$30.00     | \$24,690.00  |                  |
| \$3.50      | \$43,750.00  |                  |
| \$1,500.00  | \$28,500.00  |                  |
| \$2.00      | \$70,000.00  |                  |
| \$50.00     | \$2,900.00   |                  |
| \$100.00    | \$4,100.00   |                  |
| \$100.00    | \$2,500.00   |                  |
| \$54,000.00 | \$54,000.00  |                  |
| \$1,000.00  | \$5,000.00   |                  |
| \$18.00     | \$16,200.00  |                  |
| \$18.00     | \$135,000.00 |                  |
| \$18,415.00 | \$18,415.00  |                  |
| \$23,767.00 | \$23,767.00  |                  |
| \$28,767.00 | \$28,767.00  |                  |
| \$23,767.00 | \$23,767.00  |                  |

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| ITEM  | DESCRIPTION  | QUANTITIES              |      |
|---|--|-------------------------|------|
| <b>64" WATER MAIN CONSTRUCTION</b>  |  |                         |      |
| <b>II TRAFFIC CONTROL</b>   |  |                         |      |
| 1   | GOLF ACRES DRIVE (STA. 1+20 TO STA. 32+96)   | 1                       | LS   |
| 2   | STA. 49+37 TO 140+50 (WATSON DRIVE)  | 1                       | LS   |
| 3   | STA. 140+50 TO 217+72 (S. TRYON ST.)   | 1                       | LS   |
| <b>JJ RECONSTRUCTION OF EXISTING BRICK CATCH BASINS</b>                                       |  |                         |      |
|   | RECONSTRUCTION OF EXISTING BRICK CATCH BASINS  | 5                       | EA   |
| <b>KK REMOVE AND REPLACE CHAIN LINK FENCE</b>   |  |                         |      |
|   | REMOVE AND REPLACE EXISTING CHAIN LINK FENCE   | 1                       | LS   |
| <b>LL DEMOLISH AND REMOVE EXISTING CAROLINA GOLF COURSE MAINTENANCE BUILDING (STA. 97+75)</b> |  |                         |      |
|   | DEMOLISH AND REMOVE EXISTING CAROLINA GOLF COURSE MAINTENANCE BUILDING (STA. 97+75)                  | 1                       | LS   |
|   |  | Subtotal (Items A - LL) |      |
| <b>MM ALLOWANCES</b>  |  |                         |      |
| 1   | RECONSTRUCT EXISTING BASKETBALL COURT  | 1                       | LS   |
| 2   | RE-LANDSCAPE ROAD MEDIANS  | 1                       | LS   |
| <b>NN CONTINGENCY WORK</b>  |  |                         |      |
| 1   | MISCELLANEOUS EXCAVATION   | 100                     | CY   |
| 2   | SPECIAL BACKFILL   | 75000                   | CY   |
| 3   | EXCAVATION AND STABILIZATION BELOW SUBGRADE  | 100                     | CY   |
| 4   | EXCAVATION, HAULING AND DISPOSE OF "LANDFILL" TYPE MATERIALS IN Mecklenburg County's US 521 LANDFILL | 10000                   | TONS |
| 5   | GEOTEXTILE TRENCH STABILIZATION FABRIC   | 2500                    | SY   |
|   |  | Subtotal                |      |
| <b>OO MOBILIZATION</b>  |  |                         |      |
|   | MOBILIZATION   | 1                       | LS   |
| <b>PP CONTINGENCY ALLOWANCE</b>   |  |                         |      |
|   | CONTINGENCY ALLOWANCE  | 1                       | LS   |
| <b>QQ CORROSION PROTECTION</b>  |  |                         |      |
|   | CORROSION PROTECTION   | 1                       | LS   |
|   |  | Subtotal                |      |
| <b>GRAND TOTAL</b>  |  |                         |      |

| UNIT PRICE              | TOTAL                  | Method of Const. |
|-------------------------|------------------------|------------------|
|                         |                        |                  |
| \$11,000.00             | \$11,000.00            |                  |
| \$11,000.00             | \$11,000.00            |                  |
| \$44,000.00             | \$44,000.00            |                  |
| \$4,400.00              | \$22,000.00            |                  |
| \$13,200.00             | \$13,200.00            |                  |
| \$13,200.00             | \$13,200.00            |                  |
| Subtotal (Items A - LL) |                        |                  |
| \$50,000.00             | \$50,000.00            |                  |
| \$50,000.00             | \$50,000.00            |                  |
| \$55.00                 | \$5,500.00             |                  |
| \$0.01                  | \$750.00               |                  |
| \$55.00                 | \$5,500.00             |                  |
| \$0.01                  | \$100.00               |                  |
| \$11.00                 | \$27,500.00            |                  |
| Subtotal                |                        |                  |
| \$379,500.00            | \$379,500.00           |                  |
| \$500,000.00            | \$500,000.00           |                  |
| \$110,000.00            | \$110,000.00           |                  |
| Subtotal                |                        |                  |
|                         | <b>\$19,996,815.00</b> |                  |

| UNIT PRICE              | TOTAL                  | Method of Const. |
|-------------------------|------------------------|------------------|
|                         |                        |                  |
| \$14,000.00             | \$14,000.00            |                  |
| \$17,750.00             | \$17,750.00            |                  |
| \$88,775.00             | \$88,775.00            |                  |
| \$750.00                | \$3,750.00             |                  |
| \$15,000.00             | \$15,000.00            |                  |
| \$8,800.00              | \$8,800.00             |                  |
| Subtotal (Items A - LL) |                        |                  |
| \$50,000.00             | \$50,000.00            |                  |
| \$50,000.00             | \$50,000.00            |                  |
| \$10.00                 | \$1,000.00             |                  |
| \$25.00                 | \$1,875,000.00         |                  |
| \$50.00                 | \$5,000.00             |                  |
| \$5.00                  | \$50,000.00            |                  |
| \$5.55                  | \$13,875.00            |                  |
| Subtotal                |                        |                  |
| \$395,200.19            | \$395,200.19           |                  |
| \$500,000.00            | \$500,000.00           |                  |
| \$129,733.00            | \$129,733.00           |                  |
| Subtotal                |                        |                  |
|                         | <b>\$20,784,942.69</b> |                  |

Cost/Ft. \$1,022.44

Cost/Ft. \$1,062.73

**Certified Bid Tab for West Water Main**  
**CMU Project No. 446-02-227**  
**Bid Opening: August 2, 2007**



**Thalle Construction Co., Inc.**  
**Hillsborough, NC**  
**N.C. License No. 35203**

**S. J. Louis Construction, Inc.**  
**Waite Park, MN**  
**N.C. License No. 54748**

| ITEM  | DESCRIPTION   | QUANTITIES |    | UNIT PRICE     | TOTAL           | Method of Const. |
|---|---|------------|----|----------------|-----------------|------------------|
| <b>64" WATER MAIN CONSTRUCTION</b>                |   |            |    |                |                 |                  |
| <b>A WATER MAIN PIPE</b>                          |   |            |    |                |                 |                  |
| 1   | STATION 1+20 TO 32+96   | 2,991      | LF | \$580.00       | \$1,734,780.00  |                  |
| 2   | STATION 49+37 TO 80+55  | 2,783      | LF | \$522.00       | \$1,452,726.00  |                  |
| 3   | STATION 80+55 TO 99+30  | 1,875      | LF | \$550.00       | \$1,031,250.00  |                  |
| 4   | STATION 99+30 TO 140+50                                       | 3,975      | LF | \$460.00       | \$1,828,500.00  |                  |
| 5   | STATION 140+50 TO 217+72                                      | 6,220      | LF | \$670.00       | \$4,167,400.00  |                  |
|   |   |            |    | Subtotal       | \$10,214,656.00 |                  |
| <b>B ROCK EXCAVATION</b>                          |   |            |    |                |                 |                  |
|   | ROCK EXCAVATION (MUST BID MIN. \$50)                          | 1,600      | CY | \$90.00        | \$144,000.00    |                  |
| <b>C HAULING AND DISPOSAL OF EXCESS MATERIALS</b> |   |            |    |                |                 |                  |
|   | HAULING AND DISPOSAL OF EXCESS MATERIALS                      | 26,800     | CY | \$9.00         | \$241,200.00    |                  |
| <b>D TUNNELED CROSSINGS</b>                       |   |            |    |                |                 |                  |
| 1   | NORFOLK SOUTHERN RAILROAD (STA. 71+70 TO 74+05)               | 1          | LS | \$620,000.00   | \$620,000.00    | Tunnel           |
| 2   | NORFOLK SOUTHERN RAILROAD SPUR (STA. 103+55 TO 104+45)        | 1          | LS | \$240,000.00   | \$240,000.00    | Tunnel           |
| 3   | INTERSTATE ROUTE I-77 (STA. 190+27 TO 197+73)                 | 1          | LS | \$2,400,000.00 | \$2,400,000.00  |                  |
|   |   |            |    | Subtotal       | \$3,260,000.00  |                  |
| <b>E CREEK UNDERCROSSINGS</b>                     |   |            |    |                |                 |                  |
| 1   | TAGGART'S CREEK (STA. 8+00 TO 9+65)                           | 1          | LS | \$190,000.00   | \$190,000.00    |                  |
| 2   | IRWIN CREEK (STA. 175+00 TO 177+20)                           | 1          | LS | \$340,000.00   | \$340,000.00    | Open-Cut         |
|   |   |            |    | Subtotal       | \$530,000.00    |                  |
| <b>F STREET CROSSINGS</b>                         |   |            |    |                |                 |                  |
| 1   | OLD STEELE CREEK ROAD (STA. 79+95 TO 80+55)                   | 1          | LS | \$90,000.00    | \$90,000.00     | Open-Cut         |
| 2   | DONALD ROSS ROAD (STA. 99+30 TO 99+65)                        | 1          | LS | \$64,000.00    | \$64,000.00     | Open-Cut         |
| 3   | WEST BOULEVARD (STA. 150+40 TO 151+05)                        | 1          | LS | \$110,000.00   | \$110,000.00    | Open-Cut         |
| 4   | OLD STEELE CREEK ROAD-8-inch SANITARY SEWER. (MH 13 TO MH 14) | 1          | LS | \$38,000.00    | \$38,000.00     | Open-Cut         |

| UNIT PRICE     | TOTAL           | Method of Const. |
|----------------|-----------------|------------------|
|                |                 |                  |
| \$671.00       | \$2,006,961.00  |                  |
| \$671.00       | \$1,867,393.00  |                  |
| \$671.00       | \$1,258,125.00  |                  |
| \$671.00       | \$2,667,225.00  |                  |
| \$671.00       | \$4,173,620.00  |                  |
| Subtotal       | \$11,973,324.00 |                  |
| \$150.00       | \$240,000.00    |                  |
| \$7.00         | \$187,600.00    |                  |
| \$935,000.00   | \$935,000.00    | Tunnel           |
| \$365,000.00   | \$365,000.00    | Tunnel           |
| \$2,950,000.00 | \$2,950,000.00  |                  |
| Subtotal       | \$4,250,000.00  |                  |
| \$85,000.00    | \$85,000.00     |                  |
| \$125,000.00   | \$125,000.00    | Open-Cut         |
| Subtotal       | \$210,000.00    |                  |
| \$50,000.00    | \$50,000.00     | Open-Cut         |
| \$35,000.00    | \$35,000.00     | Open-Cut         |
| \$50,000.00    | \$50,000.00     | Open-Cut         |
| \$25,000.00    | \$25,000.00     | Open-Cut         |

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**Hillsborough, NC**  
**N.C. License No. 35203**

**S. J. Louis Construction, Inc.**  
**Waite Park, MN**  
**N.C. License No. 54748**

| ITEM                               | DESCRIPTION  | QUANTITIES |    | UNIT PRICE   | TOTAL        | Method of Const. |
|------------------------------------|--|------------|----|--------------|--------------|------------------|
| <b>64" WATER MAIN CONSTRUCTION</b> |  |            |    |              |              |                  |
|                                    |  |            |    | Subtotal     | \$302,000.00 |                  |
| <b>G</b>                           | <b>BUTTERFLY VALVE ASSEMBLIES</b>  |            |    |              |              |                  |
|                                    | BUTTERFLY VALVE ASSEMBLIES   | 5          | EA | \$115,000.00 | \$575,000.00 |                  |
| <b>H</b>                           | <b>BLOW-OFF ASSEMBLIES</b>   |            |    |              |              |                  |
|                                    | BLOW-OFF ASSEMBLIES  | 10         | EA | \$12,000.00  | \$120,000.00 |                  |
| <b>I</b>                           | <b>MANUAL AIR RELEASE VALVE ASSEMBLIES</b>                                     |            |    |              |              |                  |
|                                    | MANUAL AIR RELEASE VALVE ASSEMBLIES  | 20         | EA | \$5,500.00   | \$110,000.00 |                  |
| <b>J</b>                           | <b>OFF-LINE AIR RELEASE/VACUUM VALVE ASSEMBLY</b>                              |            |    |              |              |                  |
|                                    | OFF-LINE AIR RELEASE/VACUUM VALVE ASSEMBLY                                     | 1          | EA | \$76,000.00  | \$76,000.00  |                  |
| <b>K</b>                           | <b>WATER MAIN ACCESS PORTS</b>   |            |    |              |              |                  |
|                                    | WATER MAIN ACCESS PORTS  | 9          | EA | \$21,500.00  | \$193,500.00 |                  |
| <b>L</b>                           | <b>PUMP-OUT DRAIN PORTS</b>  |            |    |              |              |                  |
|                                    | PUMP-OUT DRAIN PORTS   | 5          | EA | \$14,000.00  | \$70,000.00  |                  |
| <b>M</b>                           | <b>FLOW MONITORING STATIONS</b>  |            |    |              |              |                  |
| 1                                  | GOLF ACRES DRIVE (ON PROPOSED 64" WATER MAIN)                                  | 1          | LS | \$30,000.00  | \$30,000.00  |                  |
| 2                                  | SOUTH TRYON STREET (ON EXISTING 36" PCCP)                                      | 1          | LS | \$37,000.00  | \$37,000.00  |                  |
| <b>N</b>                           | <b>REMOVE/RECONSTRUCT EXISTING STORM SEWERS</b>                                |            |    |              |              |                  |
| 1                                  | 54" RCP  | 80         | LF | \$200.00     | \$16,000.00  |                  |
| 2                                  | 48" RCP  | 38         | LF | \$140.00     | \$5,320.00   |                  |
| 3                                  | 24" RCP  | 76         | LF | \$110.00     | \$8,360.00   |                  |
| 4                                  | 18" RCP  | 40         | LF | \$105.00     | \$4,200.00   |                  |
| 5                                  | 15" RCP  | 120        | LF | \$95.00      | \$11,400.00  |                  |
| <b>O</b>                           | <b>REMOVE/RECONSTRUCT EXISTING WATER MAINS</b>                                 |            |    |              |              |                  |
| 1                                  | 12" DIP  | 100        | LF | \$180.00     | \$18,000.00  |                  |
| 2                                  | 8" DIP   | 60         | LF | \$140.00     | \$8,400.00   |                  |
| 3                                  | 6" DIP   | 100        | LF | \$135.00     | \$13,500.00  |                  |
| <b>P</b>                           | <b>TESTING OF WATER MAINS - INSTALLED BY OTHERS</b>                            |            |    |              |              |                  |
| 1                                  | SOUTHWEST WATER MAIN (STA. 1+20 BACK TO LAST VALVE)<br>SECTION WWM-1           | 1          | LS | \$10,000.00  | \$10,000.00  |                  |
| 2                                  | WEST WATER MAIN - (EXISTING SECTION ALONG MORRIS FIELD DRIVE)<br>SECTION WWM-3 | 1          | LS | \$10,000.00  | \$10,000.00  |                  |
| <b>Q</b>                           | <b>WATSON DRIVE 6-IN WATER MAIN RECONSTRUCTION</b>                             |            |    |              |              |                  |
|                                    | WATSON DRIVE 6-IN WATER MAIN RECONSTRUCTION                                    | 1          | LS | \$45,000.00  | \$45,000.00  |                  |
| <b>R</b>                           | <b>REMOUNT ROAD 8-IN WATER MAIN RECONSTRUCTION</b>                             |            |    |              |              |                  |
|                                    | REMOUNT ROAD 8-IN WATER MAIN RECONSTRUCTION                                    | 1          | LS | \$134,000.00 | \$134,000.00 |                  |
| <b>S</b>                           | <b>WATSON DRIVE SANITARY SEWER RECONSTRUCTION</b>                              |            |    |              |              |                  |

| UNIT PRICE      | TOTAL        | Method of Const. |
|-----------------|--------------|------------------|
| <b>Subtotal</b> |              |                  |
|                 | \$160,000.00 |                  |
|                 |              |                  |
| \$85,000.00     | \$425,000.00 |                  |
|                 |              |                  |
| \$8,600.00      | \$86,000.00  |                  |
|                 |              |                  |
| \$8,000.00      | \$160,000.00 |                  |
|                 |              |                  |
| \$63,000.00     | \$63,000.00  |                  |
|                 |              |                  |
| \$2,000.00      | \$18,000.00  |                  |
|                 |              |                  |
| \$8,600.00      | \$43,000.00  |                  |
|                 |              |                  |
| \$12,500.00     | \$12,500.00  |                  |
| \$20,000.00     | \$20,000.00  |                  |
|                 |              |                  |
| \$280.00        | \$22,400.00  |                  |
| \$220.00        | \$8,360.00   |                  |
| \$100.00        | \$7,600.00   |                  |
| \$75.00         | \$3,000.00   |                  |
| \$50.00         | \$6,000.00   |                  |
|                 |              |                  |
| \$90.00         | \$9,000.00   |                  |
| \$80.00         | \$4,800.00   |                  |
| \$70.00         | \$7,000.00   |                  |
|                 |              |                  |
| \$1.00          | \$1.00       |                  |
| \$25,000.00     | \$25,000.00  |                  |
|                 |              |                  |
| \$50,000.00     | \$50,000.00  |                  |
|                 |              |                  |
| \$80,000.00     | \$80,000.00  |                  |
|                 |              |                  |

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**Waite Park, MN**  
**N.C. License No. 54748**

| ITEM                               | DESCRIPTION   | QUANTITIES |    | UNIT PRICE  | TOTAL        | Method of Const. |
|------------------------------------|---|------------|----|-------------|--------------|------------------|
| <b>64" WATER MAIN CONSTRUCTION</b> |   |            |    |             |              |                  |
|                                    | WATSON DRIVE SANITARY SEWER RECONSTRUCTION                | 1          | LS | \$38,000.00 | \$38,000.00  |                  |
| <b>T</b>                           | <b>REPLACE EXISTING WATER SERVICES</b>                    |            |    |             |              |                  |
|                                    | REPLACE EXISTING WATER SERVICES                           | 43         | EA | \$2,100.00  | \$90,300.00  |                  |
| <b>U</b>                           | <b>FIRE HYDRANTS</b>                                      |            |    |             |              |                  |
| 1                                  | REMOVE/REPLACE OR INSTALL FIRE HYDRANTS                   | 15         | EA | \$7,500.00  | \$112,500.00 |                  |
| <b>V</b>                           | <b>REMOVE AND RECONSTRUCT EXISTING SANITARY SEWER</b>     |            |    |             |              |                  |
| 1                                  | 12-IN DIP   | 100        | LF | \$130.00    | \$13,000.00  |                  |
| 2                                  | 10-IN DIP   | 100        | LF | \$122.00    | \$12,200.00  |                  |
| 3                                  | 8-IN DIP  | 276        | LF | \$75.00     | \$20,700.00  |                  |
| 4                                  | 4-FT SANITARY SEWER MANHOLES                              | 1          | EA | \$5,500.00  | \$5,500.00   |                  |
| <b>W</b>                           | <b>REMOVE/REPLACE EXISTING CONCRETE CURB &amp; GUTTER</b> |            |    |             |              |                  |
|                                    | REMOVE/REPLACE EXISTING CONCRETE CURB & GUTTER            | 5,000      | LF | \$20.00     | \$100,000.00 |                  |
| <b>X</b>                           | <b>REMOVE/REPLACE EXISTING CONCRETE SIDEWALK</b>          |            |    |             |              |                  |
|                                    | REMOVE/REPLACE EXISTING CONCRETE SIDEWALK                 | 823        | SY | \$65.00     | \$53,495.00  |                  |
| <b>Y</b>                           | <b>PERMANENT GRASSING</b>                                 |            |    |             |              |                  |
|                                    | PERMANENT GRASSING  | 12,500     | LF | \$1.60      | \$20,000.00  |                  |
| <b>Z</b>                           | <b>TEMPORARY CONSTRUCTION ENTRANCES</b>                   |            |    |             |              |                  |
|                                    | TEMPORARY CONSTRUCTION ENTRANCES                          | 19         | EA | \$1,200.00  | \$22,800.00  |                  |
| <b>AA</b>                          | <b>SILT FENCE</b>   |            |    |             |              |                  |
|                                    | SILT FENCE  | 35,000     | LF | \$1.65      | \$57,750.00  |                  |
| <b>BB</b>                          | <b>ROCK CHECK DAMS</b>                                    |            |    |             |              |                  |
|                                    | ROCK CHECK DAMS   | 58         | EA | \$100.00    | \$5,800.00   |                  |
| <b>CC</b>                          | <b>TEMPORARY SEDIMENT TRAPS</b>                           |            |    |             |              |                  |
|                                    | TEMPORARY SEDIMENT TRAPS                                  | 41         | EA | \$500.00    | \$20,500.00  |                  |
| <b>DD</b>                          | <b>REINFORCED STABILIZED OUTLETS</b>                      |            |    |             |              |                  |
|                                    | REINFORCED STABILIZED OUTLETS                             | 25         | EA | \$160.00    | \$4,000.00   |                  |
| <b>EE</b>                          | <b>MAINTENANCE OF SEDIMENT AND EROSION CONTROL ITEMS</b>  |            |    |             |              |                  |
|                                    | MAINTENANCE OF SEDIMENT AND EROSION CONTROL ITEMS         | 1          | LS | \$55,425.00 | \$55,425.00  |                  |
| <b>FF</b>                          | <b>ANTI-SEEP COLLARS</b>                                  |            |    |             |              |                  |
|                                    | ANTI-SEEP COLLARS   | 5          | EA | \$3,400.00  | \$17,000.00  |                  |
| <b>GG</b>                          | <b>ASPHALT PAVEMENT REMOVAL AND REPLACEMENT</b>           |            |    |             |              |                  |
| 2                                  | RESIDENTIAL STREETS                                       | 900        | SY | \$60.00     | \$54,000.00  |                  |
| 2                                  | COMMERCIAL STREETS  | 7,500      | SY | \$80.00     | \$600,000.00 |                  |
| <b>HH</b>                          | <b>CONNECTION TO EXISTING WATER TRANSMISSION MAINS</b>    |            |    |             |              |                  |
| 1                                  | SOUTHWEST WATER MAIN (STA. 1+20)                          | 1          | LS | \$28,000.00 | \$28,000.00  |                  |
| 2                                  | GOLF ACRES DRIVE (STA. 32+96)                             | 1          | LS | \$35,000.00 | \$35,000.00  |                  |
| 3                                  | PLATO CIRCLE (STA. 49+37)                                 | 1          | LS | \$30,000.00 | \$30,000.00  |                  |
| 4                                  | SOUTH WATER MAIN (STA. 217+72)                            | 1          | LS | \$40,000.00 | \$40,000.00  |                  |

| UNIT PRICE   | TOTAL        | Method of Const. |
|--------------|--------------|------------------|
|              |              |                  |
| \$40,000.00  | \$40,000.00  |                  |
| \$800.00     | \$34,400.00  |                  |
| \$5,000.00   | \$75,000.00  |                  |
| \$90.00      | \$9,000.00   |                  |
| \$80.00      | \$8,000.00   |                  |
| \$70.00      | \$19,320.00  |                  |
| \$5,000.00   | \$5,000.00   |                  |
| \$20.00      | \$100,000.00 |                  |
| \$40.00      | \$32,920.00  |                  |
| \$0.01       | \$125.00     |                  |
| \$1,500.00   | \$28,500.00  |                  |
| \$2.00       | \$70,000.00  |                  |
| \$300.00     | \$17,400.00  |                  |
| \$2,000.00   | \$82,000.00  |                  |
| \$100.00     | \$2,500.00   |                  |
| \$100,200.00 | \$100,200.00 |                  |
| \$3,000.00   | \$15,000.00  |                  |
| \$30.00      | \$27,000.00  |                  |
| \$60.00      | \$450,000.00 |                  |
| \$12,000.00  | \$12,000.00  |                  |
| \$12,000.00  | \$12,000.00  |                  |
| \$6,000.00   | \$6,000.00   |                  |
| \$12,000.00  | \$12,000.00  |                  |

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| ITEM  | DESCRIPTION  | QUANTITIES |      | UNIT PRICE              | TOTAL                  | Method of Const. |
|---|--|------------|------|-------------------------|------------------------|------------------|
| <b>64" WATER MAIN CONSTRUCTION</b>  |  |            |      |                         |                        |                  |
| <b>II TRAFFIC CONTROL</b>   |  |            |      |                         |                        |                  |
| 1   | GOLF ACRES DRIVE (STA. 1+20 TO STA. 32+96)   | 1          | LS   | \$5,000.00              | \$5,000.00             |                  |
| 2   | STA. 49+37 TO 140+50 (WATSON DRIVE)  | 1          | LS   | \$10,000.00             | \$10,000.00            |                  |
| 3   | STA. 140+50 TO 217+72 (S. TRYON ST.)   | 1          | LS   | \$135,000.00            | \$135,000.00           |                  |
| <b>JJ RECONSTRUCTION OF EXISTING BRICK CATCH BASINS</b>                                       |  |            |      |                         |                        |                  |
|   | RECONSTRUCTION OF EXISTING BRICK CATCH BASINS  | 5          | EA   | \$6,000.00              | \$30,000.00            |                  |
| <b>KK REMOVE AND REPLACE CHAIN LINK FENCE</b>   |  |            |      |                         |                        |                  |
|   | REMOVE AND REPLACE EXISTING CHAIN LINK FENCE   | 1          | LS   | \$80,000.00             | \$80,000.00            |                  |
| <b>LL DEMOLISH AND REMOVE EXISTING CAROLINA GOLF COURSE MAINTENANCE BUILDING (STA. 97+75)</b> |  |            |      |                         |                        |                  |
|   | DEMOLISH AND REMOVE EXISTING CAROLINA GOLF COURSE MAINTENANCE BUILDING (STA. 97+75)                  | 1          | LS   | \$7,500.00              | \$7,500.00             |                  |
|   |  |            |      | Subtotal (Items A - LL) | \$17,891,006.00        |                  |
| <b>MM ALLOWANCES</b>  |  |            |      |                         |                        |                  |
| 1   | RECONSTRUCT EXISTING BASKETBALL COURT  | 1          | LS   | \$50,000.00             | \$50,000.00            |                  |
| 2   | RE-LANDSCAPE ROAD MEDIANS  | 1          | LS   | \$50,000.00             | \$50,000.00            |                  |
| <b>NN CONTINGENCY WORK</b>  |  |            |      |                         |                        |                  |
| 1   | MISCELLANEOUS EXCAVATION   | 100        | CY   | \$25.00                 | \$2,500.00             |                  |
| 2   | SPECIAL BACKFILL   | 75000      | CY   | \$19.00                 | \$1,425,000.00         |                  |
| 3   | EXCAVATION AND STABILIZATION BELOW SUBGRADE  | 100        | CY   | \$55.00                 | \$5,500.00             |                  |
| 4   | EXCAVATION, HAULING AND DISPOSE OF "LANDFILL" TYPE MATERIALS IN Mecklenburg County's US 521 LANDFILL | 10000      | TONS | \$55.00                 | \$550,000.00           |                  |
| 5   | GEOTEXTILE TRENCH STABILIZATION FABRIC   | 2500       | SY   | \$8.00                  | \$20,000.00            |                  |
|   |  |            |      | Subtotal                | \$2,003,000.00         |                  |
| <b>OO MOBILIZATION</b>  |  |            |      |                         |                        |                  |
|   | MOBILIZATION   | 1          | LS   | \$400,000.00            | \$400,000.00           |                  |
| <b>PP CONTINGENCY ALLOWANCE</b>   |  |            |      |                         |                        |                  |
|   | CONTINGENCY ALLOWANCE  | 1          | LS   | \$500,000.00            | \$500,000.00           |                  |
| <b>QQ CORROSION PROTECTION</b>  |  |            |      |                         |                        |                  |
|   | CORROSION PROTECTION   | 1          | LS   | \$70,000.00             | \$70,000.00            |                  |
|   | <b>GRAND TOTAL</b>   |            |      |                         | <b>\$20,964,006.00</b> |                  |

Cost/Ft.      \$1,071.89

| UNIT PRICE   | TOTAL                   | Method of Const. |
|--------------|-------------------------|------------------|
|              |                         |                  |
| \$2,000.00   | \$2,000.00              |                  |
| \$6,000.00   | \$6,000.00              |                  |
| \$150,000.00 | \$150,000.00            |                  |
| \$3,000.00   | \$15,000.00             |                  |
| \$1.00       | \$1.00                  |                  |
| \$20,000.00  | \$20,000.00             |                  |
|              | Subtotal (Items A - LL) |                  |
|              | \$19,422,951.00         |                  |
| \$50,000.00  | \$50,000.00             |                  |
| \$50,000.00  | \$50,000.00             |                  |
| \$20.00      | \$2,000.00              |                  |
| \$5.00       | \$375,000.00            |                  |
| \$50.00      | \$5,000.00              |                  |
| \$50.00      | \$500,000.00            |                  |
| \$1.00       | \$2,500.00              |                  |
|              | Subtotal                |                  |
|              | \$884,500.00            |                  |
| \$200,000.00 | \$200,000.00            |                  |
| \$500,000.00 | \$500,000.00            |                  |
| \$100,000.00 | \$100,000.00            |                  |
|              | <b>\$21,207,451.00</b>  |                  |

Cost/Ft.      \$1,084.34

**Certified Bid Tab for West Water Main**  
**CMU Project No. 446-02-227**  
**Bid Opening: August 2, 2007**



**Morgan Contracting, Inc.**  
**Baker, FL**  
**N.C. License No. 51338**

**McClam & Associates, Inc.**  
**Little Mountain, SC**  
**N.C. License No. 28074**

| ITEM  | DESCRIPTION   | QUANTITIES |    |
|---|---|------------|----|
| <b>64" WATER MAIN CONSTRUCTION</b>                |   |            |    |
| <b>A WATER MAIN PIPE</b>                          |   |            |    |
| 1   | STATION 1+20 TO 32+96   | 2,991      | LF |
| 2   | STATION 49+37 TO 80+55  | 2,783      | LF |
| 3   | STATION 80+55 TO 99+30  | 1,875      | LF |
| 4   | STATION 99+30 TO 140+50                                       | 3,975      | LF |
| 5   | STATION 140+50 TO 217+72                                      | 6,220      | LF |
| <b>B ROCK EXCAVATION</b>                          |   |            |    |
|   | ROCK EXCAVATION (MUST BID MIN. \$50)                          | 1,600      | CY |
| <b>C HAULING AND DISPOSAL OF EXCESS MATERIALS</b> |   |            |    |
|   | HAULING AND DISPOSAL OF EXCESS MATERIALS                      | 26,800     | CY |
| <b>D TUNNELED CROSSINGS</b>                       |   |            |    |
| 1   | NORFOLK SOUTHERN RAILROAD (STA. 71+70 TO 74+05)               | 1          | LS |
| 2   | NORFOLK SOUTHERN RAILROAD SPUR (STA. 103+55 TO 104+45)        | 1          | LS |
| 3   | INTERSTATE ROUTE I-77 (STA. 190+27 TO 197+73)                 | 1          | LS |
| <b>E CREEK UNDERCROSSINGS</b>                     |   |            |    |
| 1   | TAGGART'S CREEK (STA. 8+00 TO 9+65)                           | 1          | LS |
| 2   | IRWIN CREEK (STA. 175+00 TO 177+20)                           | 1          | LS |
| <b>F STREET CROSSINGS</b>                         |   |            |    |
| 1   | OLD STEELE CREEK ROAD (STA. 79+95 TO 80+55)                   | 1          | LS |
| 2   | DONALD ROSS ROAD (STA. 99+30 TO 99+65)                        | 1          | LS |
| 3   | WEST BOULEVARD (STA. 150+40 TO 151+05)                        | 1          | LS |
| 4   | OLD STEELE CREEK ROAD-8-inch SANITARY SEWER. (MH 13 TO MH 14) | 1          | LS |

| UNIT PRICE     | TOTAL           | Method of Const. |
|----------------|-----------------|------------------|
|                |                 |                  |
| \$800.00       | \$2,392,800.00  |                  |
| \$650.00       | \$1,808,950.00  |                  |
| \$650.00       | \$1,218,750.00  |                  |
| \$650.00       | \$2,583,750.00  |                  |
| \$800.00       | \$4,976,000.00  |                  |
| Subtotal       | \$12,980,250.00 |                  |
| \$140.00       | \$224,000.00    |                  |
| \$8.00         | \$214,400.00    |                  |
| \$335,000.00   | \$335,000.00    | Tunnel           |
| \$235,000.00   | \$235,000.00    | Tunnel           |
| \$1,775,000.00 | \$1,775,000.00  |                  |
| Subtotal       | \$2,345,000.00  |                  |
| \$175,000.00   | \$175,000.00    |                  |
| \$425,000.00   | \$425,000.00    | Open-Cut         |
| Subtotal       | \$600,000.00    |                  |
| \$50,000.00    | \$50,000.00     | Open-Cut         |
| \$35,000.00    | \$35,000.00     | Open-Cut         |
| \$50,000.00    | \$50,000.00     | Open-Cut         |
| \$35,000.00    | \$35,000.00     | Open-Cut         |

| UNIT PRICE     | TOTAL           | Method of Const. |
|----------------|-----------------|------------------|
|                |                 |                  |
| \$604.94       | \$1,809,375.54  |                  |
| \$493.00       | \$1,372,019.00  |                  |
| \$510.55       | \$957,281.25    |                  |
| \$528.10       | \$2,099,197.50  |                  |
| \$606.04       | \$3,769,568.80  |                  |
| Subtotal       | \$10,007,442.09 |                  |
| \$135.00       | \$216,000.00    |                  |
| \$9.88         | \$264,784.00    |                  |
| \$436,038.06   | \$436,038.06    | Jack & Bore      |
| \$254,270.02   | \$254,270.02    | Jack & Bore      |
| \$3,046,375.63 | \$3,046,375.63  |                  |
| Subtotal       | \$3,736,683.71  |                  |
| \$146,886.32   | \$146,886.32    |                  |
| \$687,031.74   | \$687,031.74    | Open-Cut         |
| Subtotal       | \$833,918.06    |                  |
| \$181,038.14   | \$181,038.14    | Bore             |
| \$166,643.12   | \$166,643.12    | Bore             |
| \$229,738.66   | \$229,738.66    | Bore             |
| \$22,479.95    | \$22,479.95     | Bore             |

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| ITEM                               | DESCRIPTION  | QUANTITIES |    |
|------------------------------------|--|------------|----|
| <b>64" WATER MAIN CONSTRUCTION</b> |  |            |    |
| <b>G</b>                           | <b>BUTTERFLY VALVE ASSEMBLIES</b>  |            |    |
|                                    | BUTTERFLY VALVE ASSEMBLIES   | 5          | EA |
| <b>H</b>                           | <b>BLOW-OFF ASSEMBLIES</b>   |            |    |
|                                    | BLOW-OFF ASSEMBLIES  | 10         | EA |
| <b>I</b>                           | <b>MANUAL AIR RELEASE VALVE ASSEMBLIES</b>                                     |            |    |
|                                    | MANUAL AIR RELEASE VALVE ASSEMBLIES  | 20         | EA |
| <b>J</b>                           | <b>OFF-LINE AIR RELEASE/VACUUM VALVE ASSEMBLY</b>                              |            |    |
|                                    | OFF-LINE AIR RELEASE/VACUUM VALVE ASSEMBLY                                     | 1          | EA |
| <b>K</b>                           | <b>WATER MAIN ACCESS PORTS</b>   |            |    |
|                                    | WATER MAIN ACCESS PORTS  | 9          | EA |
| <b>L</b>                           | <b>PUMP-OUT DRAIN PORTS</b>  |            |    |
|                                    | PUMP-OUT DRAIN PORTS   | 5          | EA |
| <b>M</b>                           | <b>FLOW MONITORING STATIONS</b>  |            |    |
| 1                                  | GOLF ACRES DRIVE (ON PROPOSED 64" WATER MAIN)                                  | 1          | LS |
| 2                                  | SOUTH TRYON STREET (ON EXISTING 36" PCCP)                                      | 1          | LS |
| <b>N</b>                           | <b>REMOVE/RECONSTRUCT EXISTING STORM SEWERS</b>                                |            |    |
| 1                                  | 54" RCP  | 80         | LF |
| 2                                  | 48" RCP  | 38         | LF |
| 3                                  | 24" RCP  | 76         | LF |
| 4                                  | 18" RCP  | 40         | LF |
| 5                                  | 15" RCP  | 120        | LF |
| <b>O</b>                           | <b>REMOVE/RECONSTRUCT EXISTING WATER MAINS</b>                                 |            |    |
| 1                                  | 12" DIP  | 100        | LF |
| 2                                  | 8" DIP   | 60         | LF |
| 3                                  | 6" DIP   | 100        | LF |
| <b>P</b>                           | <b>TESTING OF WATER MAINS - INSTALLED BY OTHERS</b>                            |            |    |
| 1                                  | SOUTHWEST WATER MAIN (STA. 1+20 BACK TO LAST VALVE)<br>SECTION WWM-1           | 1          | LS |
| 2                                  | WEST WATER MAIN - (EXISTING SECTION ALONG MORRIS FIELD DRIVE)<br>SECTION WWM-3 | 1          | LS |
| <b>Q</b>                           | <b>WATSON DRIVE 6-IN WATER MAIN RECONSTRUCTION</b>                             |            |    |
|                                    | WATSON DRIVE 6-IN WATER MAIN RECONSTRUCTION                                    | 1          | LS |
| <b>R</b>                           | <b>REMOUNT ROAD 8-IN WATER MAIN RECONSTRUCTION</b>                             |            |    |
|                                    | REMOUNT ROAD 8-IN WATER MAIN RECONSTRUCTION                                    | 1          | LS |
| <b>S</b>                           | <b>WATSON DRIVE SANITARY SEWER RECONSTRUCTION</b>                              |            |    |

| UNIT PRICE   | TOTAL        | Method of Const. |
|--------------|--------------|------------------|
| Subtotal     |              |                  |
|              | \$170,000.00 |                  |
| \$130,000.00 | \$650,000.00 |                  |
| \$30,000.00  | \$300,000.00 |                  |
| \$12,500.00  | \$250,000.00 |                  |
| \$75,000.00  | \$75,000.00  |                  |
| \$10,000.00  | \$90,000.00  |                  |
| \$5,000.00   | \$25,000.00  |                  |
| \$20,000.00  | \$20,000.00  |                  |
| \$35,000.00  | \$35,000.00  |                  |
| \$300.00     | \$24,000.00  |                  |
| \$285.00     | \$10,830.00  |                  |
| \$250.00     | \$19,000.00  |                  |
| \$200.00     | \$8,000.00   |                  |
| \$185.00     | \$22,200.00  |                  |
| \$175.00     | \$17,500.00  |                  |
| \$85.00      | \$5,100.00   |                  |
| \$80.00      | \$8,000.00   |                  |
| \$20,000.00  | \$20,000.00  |                  |
| \$20,000.00  | \$20,000.00  |                  |
| \$45,000.00  | \$45,000.00  |                  |
| \$70,000.00  | \$70,000.00  |                  |

| UNIT PRICE   | TOTAL        | Method of Const. |
|--------------|--------------|------------------|
| Subtotal     |              |                  |
|              | \$599,899.87 |                  |
| \$168,090.85 | \$840,454.25 |                  |
| \$17,232.32  | \$172,323.20 |                  |
| \$12,073.60  | \$241,472.00 |                  |
| \$95,947.80  | \$95,947.80  |                  |
| \$19,763.39  | \$177,870.51 |                  |
| \$9,219.84   | \$46,099.20  |                  |
| \$42,535.29  | \$42,535.29  |                  |
| \$57,627.29  | \$57,627.29  |                  |
| \$668.44     | \$53,475.20  |                  |
| \$514.77     | \$19,561.26  |                  |
| \$194.28     | \$14,765.28  |                  |
| \$151.47     | \$6,058.80   |                  |
| \$114.15     | \$13,698.00  |                  |
| \$125.13     | \$12,513.00  |                  |
| \$108.66     | \$6,519.60   |                  |
| \$97.69      | \$9,769.00   |                  |
| \$2,744.00   | \$2,744.00   |                  |
| \$8,232.00   | \$8,232.00   |                  |
| \$26,234.84  | \$26,234.84  |                  |
| \$37,353.52  | \$37,353.52  |                  |

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| ITEM                               | DESCRIPTION   | QUANTITIES |    |
|------------------------------------|---|------------|----|
| <b>64" WATER MAIN CONSTRUCTION</b> |   |            |    |
|                                    | WATSON DRIVE SANITARY SEWER RECONSTRUCTION                | 1          | LS |
| <b>T</b>                           | <b>REPLACE EXISTING WATER SERVICES</b>                    |            |    |
|                                    | REPLACE EXISTING WATER SERVICES                           | 43         | EA |
| <b>U</b>                           | <b>FIRE HYDRANTS</b>                                      |            |    |
| 1                                  | REMOVE/REPLACE OR INSTALL FIRE HYDRANTS                   | 15         | EA |
| <b>V</b>                           | <b>REMOVE AND RECONSTRUCT EXISTING SANITARY SEWER</b>     |            |    |
| 1                                  | 12-IN DIP   | 100        | LF |
| 2                                  | 10-IN DIP   | 100        | LF |
| 3                                  | 8-IN DIP  | 276        | LF |
| 4                                  | 4-FT SANITARY SEWER MANHOLES                              | 1          | EA |
| <b>W</b>                           | <b>REMOVE/REPLACE EXISTING CONCRETE CURB &amp; GUTTER</b> |            |    |
|                                    | REMOVE/REPLACE EXISTING CONCRETE CURB & GUTTER            | 5,000      | LF |
| <b>X</b>                           | <b>REMOVE/REPLACE EXISTING CONCRETE SIDEWALK</b>          |            |    |
|                                    | REMOVE/REPLACE EXISTING CONCRETE SIDEWALK                 | 823        | SY |
| <b>Y</b>                           | <b>PERMANENT GRASSING</b>                                 |            |    |
|                                    | PERMANENT GRASSING  | 12,500     | LF |
| <b>Z</b>                           | <b>TEMPORARY CONSTRUCTION ENTRANCES</b>                   |            |    |
|                                    | TEMPORARY CONSTRUCTION ENTRANCES                          | 19         | EA |
| <b>AA</b>                          | <b>SILT FENCE</b>   |            |    |
|                                    | SILT FENCE  | 35,000     | LF |
| <b>BB</b>                          | <b>ROCK CHECK DAMS</b>                                    |            |    |
|                                    | ROCK CHECK DAMS   | 58         | EA |
| <b>CC</b>                          | <b>TEMPORARY SEDIMENT TRAPS</b>                           |            |    |
|                                    | TEMPORARY SEDIMENT TRAPS                                  | 41         | EA |
| <b>DD</b>                          | <b>REINFORCED STABILIZED OUTLETS</b>                      |            |    |
|                                    | REINFORCED STABILIZED OUTLETS                             | 25         | EA |
| <b>EE</b>                          | <b>MAINTENANCE OF SEDIMENT AND EROSION CONTROL ITEMS</b>  |            |    |
|                                    | MAINTENANCE OF SEDIMENT AND EROSION CONTROL ITEMS         | 1          | LS |
| <b>FF</b>                          | <b>ANTI-SEEP COLLARS</b>                                  |            |    |
|                                    | ANTI-SEEP COLLARS   | 5          | EA |
| <b>GG</b>                          | <b>ASPHALT PAVEMENT REMOVAL AND REPLACEMENT</b>           |            |    |
| 2                                  | RESIDENTIAL STREETS                                       | 900        | SY |
| 2                                  | COMMERCIAL STREETS  | 7,500      | SY |
| <b>HH</b>                          | <b>CONNECTION TO EXISTING WATER TRANSMISSION MAINS</b>    |            |    |
| 1                                  | SOUTHWEST WATER MAIN (STA. 1+20)                          | 1          | LS |
| 2                                  | GOLF ACRES DRIVE (STA. 32+96)                             | 1          | LS |
| 3                                  | PLATO CIRCLE (STA. 49+37)                                 | 1          | LS |
| 4                                  | SOUTH WATER MAIN (STA. 217+72)                            | 1          | LS |

| UNIT PRICE   | TOTAL        | Method of Const. |
|--------------|--------------|------------------|
|              |              |                  |
| \$45,000.00  | \$45,000.00  |                  |
| \$1,250.00   | \$53,750.00  |                  |
| \$2,500.00   | \$37,500.00  |                  |
| \$220.00     | \$22,000.00  |                  |
| \$210.00     | \$21,000.00  |                  |
| \$200.00     | \$55,200.00  |                  |
| \$4,000.00   | \$4,000.00   |                  |
| \$25.00      | \$125,000.00 |                  |
| \$50.00      | \$41,150.00  |                  |
| \$6.00       | \$75,000.00  |                  |
| \$2,000.00   | \$38,000.00  |                  |
| \$3.00       | \$105,000.00 |                  |
| \$550.00     | \$31,900.00  |                  |
| \$350.00     | \$14,350.00  |                  |
| \$500.00     | \$12,500.00  |                  |
| \$100,875.00 | \$100,875.00 |                  |
| \$1,500.00   | \$7,500.00   |                  |
| \$60.00      | \$54,000.00  |                  |
| \$80.00      | \$600,000.00 |                  |
| \$10,000.00  | \$10,000.00  |                  |
| \$10,000.00  | \$10,000.00  |                  |
| \$10,000.00  | \$10,000.00  |                  |
| \$10,000.00  | \$10,000.00  |                  |

| UNIT PRICE   | TOTAL          | Method of Const. |
|--------------|----------------|------------------|
|              |                |                  |
| \$33,646.93  | \$33,646.93    |                  |
| \$1,514.69   | \$65,131.67    |                  |
| \$4,906.27   | \$73,594.05    |                  |
| \$212.93     | \$21,293.00    |                  |
| \$190.98     | \$19,098.00    |                  |
| \$173.42     | \$47,863.92    |                  |
| \$6,805.12   | \$6,805.12     |                  |
| \$30.57      | \$152,850.00   |                  |
| \$55.02      | \$45,281.46    |                  |
| \$3.84       | \$48,000.00    |                  |
| \$1,701.28   | \$32,324.32    |                  |
| \$5.49       | \$192,150.00   |                  |
| \$356.72     | \$20,689.76    |                  |
| \$1,317.12   | \$54,001.92    |                  |
| \$439.04     | \$10,976.00    |                  |
| \$155,071.00 | \$155,071.00   |                  |
| \$5,036.89   | \$25,184.45    |                  |
| \$119.41     | \$107,469.00   |                  |
| \$143.39     | \$1,075,425.00 |                  |
| \$43,651.55  | \$43,651.55    |                  |
| \$36,023.23  | \$36,023.23    |                  |
| \$36,023.23  | \$36,023.23    |                  |
| \$50,017.63  | \$50,017.63    |                  |

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| ITEM  | DESCRIPTION  | QUANTITIES              |      |
|---|--|-------------------------|------|
| <b>64" WATER MAIN CONSTRUCTION</b>  |  |                         |      |
| <b>II TRAFFIC CONTROL</b>   |  |                         |      |
| 1   | GOLF ACRES DRIVE (STA. 1+20 TO STA. 32+96)   | 1                       | LS   |
| 2   | STA. 49+37 TO 140+50 (WATSON DRIVE)  | 1                       | LS   |
| 3   | STA. 140+50 TO 217+72 (S. TRYON ST.)   | 1                       | LS   |
| <b>JJ RECONSTRUCTION OF EXISTING BRICK CATCH BASINS</b>                                       |  |                         |      |
|   | RECONSTRUCTION OF EXISTING BRICK CATCH BASINS  | 5                       | EA   |
| <b>KK REMOVE AND REPLACE CHAIN LINK FENCE</b>   |  |                         |      |
|   | REMOVE AND REPLACE EXISTING CHAIN LINK FENCE   | 1                       | LS   |
| <b>LL DEMOLISH AND REMOVE EXISTING CAROLINA GOLF COURSE MAINTENANCE BUILDING (STA. 97+75)</b> |  |                         |      |
|   | DEMOLISH AND REMOVE EXISTING CAROLINA GOLF COURSE MAINTENANCE BUILDING (STA. 97+75)                  | 1                       | LS   |
|   |  | Subtotal (Items A - LL) |      |
| <b>MM ALLOWANCES</b>  |  |                         |      |
| 1   | RECONSTRUCT EXISTING BASKETBALL COURT  | 1                       | LS   |
| 2   | RE-LANDSCAPE ROAD MEDIANS  | 1                       | LS   |
| <b>NN CONTINGENCY WORK</b>  |  |                         |      |
| 1   | MISCELLANEOUS EXCAVATION   | 100                     | CY   |
| 2   | SPECIAL BACKFILL   | 75000                   | CY   |
| 3   | EXCAVATION AND STABILIZATION BELOW SUBGRADE  | 100                     | CY   |
| 4   | EXCAVATION, HAULING AND DISPOSE OF "LANDFILL" TYPE MATERIALS IN Mecklenburg County's US 521 LANDFILL | 10000                   | TONS |
| 5   | GEOTEXTILE TRENCH STABILIZATION FABRIC   | 2500                    | SY   |
|   |  | Subtotal                |      |
| <b>OO MOBILIZATION</b>  |  |                         |      |
|   | MOBILIZATION   | 1                       | LS   |
| <b>PP CONTINGENCY ALLOWANCE</b>   |  |                         |      |
|   | CONTINGENCY ALLOWANCE  | 1                       | LS   |
| <b>QQ CORROSION PROTECTION</b>  |  |                         |      |
|   | CORROSION PROTECTION   | 1                       | LS   |
|   |  | Subtotal                |      |
| <b>GRAND TOTAL</b>  |  |                         |      |

| UNIT PRICE              | TOTAL        | Method of Const. |
|-------------------------|--------------|------------------|
|                         |              |                  |
| \$25,000.00             | \$25,000.00  |                  |
| \$25,000.00             | \$25,000.00  |                  |
| \$200,000.00            | \$200,000.00 |                  |
| \$2,000.00              | \$10,000.00  |                  |
| \$45,000.00             | \$45,000.00  |                  |
| \$20,000.00             | \$20,000.00  |                  |
| Subtotal (Items A - LL) |              |                  |
| \$50,000.00             | \$50,000.00  |                  |
| \$50,000.00             | \$50,000.00  |                  |
| \$40.00                 | \$4,000.00   |                  |
| \$0.10                  | \$7,500.00   |                  |
| \$50.00                 | \$5,000.00   |                  |
| \$48.00                 | \$480,000.00 |                  |
| \$8.00                  | \$20,000.00  |                  |
| Subtotal                |              |                  |
| \$360,000.00            | \$360,000.00 |                  |
| \$500,000.00            | \$500,000.00 |                  |
| \$200,000.00            | \$200,000.00 |                  |
|                         |              |                  |
| <b>\$21,733,505.00</b>  |              |                  |

| UNIT PRICE              | TOTAL          | Method of Const. |
|-------------------------|----------------|------------------|
|                         |                |                  |
| \$133,577.92            | \$133,577.92   |                  |
| \$13,116.32             | \$13,116.32    |                  |
| \$336,057.68            | \$336,057.68   |                  |
| \$4,061.12              | \$20,305.60    |                  |
| \$12,622.40             | \$12,622.40    |                  |
| \$36,769.60             | \$36,769.60    |                  |
| Subtotal (Items A - LL) |                |                  |
| \$50,000.00             | \$50,000.00    |                  |
| \$50,000.00             | \$50,000.00    |                  |
| \$85.61                 | \$8,561.00     |                  |
| \$14.27                 | \$1,070,250.00 |                  |
| \$122.93                | \$12,293.00    |                  |
| \$97.52                 | \$975,200.00   |                  |
| \$5.49                  | \$13,725.00    |                  |
| Subtotal                |                |                  |
| \$466,150.00            | \$466,150.00   |                  |
| \$500,000.00            | \$500,000.00   |                  |
| \$318,704.62            | \$318,704.62   |                  |
|                         |                |                  |
| <b>\$23,913,886.15</b>  |                |                  |

Cost/Ft. \$1,111.23

Cost/Ft. \$1,222.72

**Certified Bid Tab for West Water Main**  
**CMU Project No. 446-02-227**  
**Bid Opening: August 2, 2007**



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**Ruby-Collins, Inc.**  
**Smyrna, GA**  
**N.C. License No. 6613**

| ITEM  | DESCRIPTION   | QUANTITIES |    | UNIT PRICE     | TOTAL           | Method of Const. | UNIT PRICE     | TOTAL           | Method of Const. |
|---|---|------------|----|----------------|-----------------|------------------|----------------|-----------------|------------------|
| <b>64" WATER MAIN CONSTRUCTION</b>                |   |            |    |                |                 |                  |                |                 |                  |
| <b>A WATER MAIN PIPE</b>                          |   |            |    |                |                 |                  |                |                 |                  |
| 1   | STATION 1+20 TO 32+96   | 2,991      | LF | \$680.00       | \$2,033,880.00  |                  | \$822.40       | \$2,459,798.40  |                  |
| 2   | STATION 49+37 TO 80+55  | 2,783      | LF | \$765.00       | \$2,128,995.00  |                  | \$872.30       | \$2,427,610.90  |                  |
| 3   | STATION 80+55 TO 99+30  | 1,875      | LF | \$700.00       | \$1,312,500.00  |                  | \$923.50       | \$1,731,562.50  |                  |
| 4   | STATION 99+30 TO 140+50                                       | 3,975      | LF | \$640.00       | \$2,544,000.00  |                  | \$784.90       | \$3,119,977.50  |                  |
| 5   | STATION 140+50 TO 217+72                                      | 6,220      | LF | \$715.00       | \$4,447,300.00  |                  | \$824.90       | \$5,130,878.00  |                  |
|   |   |            |    | Subtotal       | \$12,466,675.00 |                  | Subtotal       | \$14,869,827.30 |                  |
| <b>B ROCK EXCAVATION</b>                          |   |            |    |                |                 |                  |                |                 |                  |
|   | ROCK EXCAVATION (MUST BID MIN. \$50)                          | 1,600      | CY | \$75.00        | \$120,000.00    |                  | \$100.00       | \$160,000.00    |                  |
| <b>C HAULING AND DISPOSAL OF EXCESS MATERIALS</b> |   |            |    |                |                 |                  |                |                 |                  |
|   | HAULING AND DISPOSAL OF EXCESS MATERIALS                      | 26,800     | CY | \$9.00         | \$241,200.00    |                  | \$13.00        | \$348,400.00    |                  |
| <b>D TUNNELED CROSSINGS</b>                       |   |            |    |                |                 |                  |                |                 |                  |
| 1   | NORFOLK SOUTHERN RAILROAD (STA. 71+70 TO 74+05)               | 1          | LS | \$655,000.00   | \$655,000.00    | Tunnel           | \$469,341.00   | \$469,341.00    | Tunnel           |
| 2   | NORFOLK SOUTHERN RAILROAD SPUR (STA. 103+55 TO 104+45)        | 1          | LS | \$420,000.00   | \$420,000.00    | Tunnel           | \$247,725.00   | \$247,725.00    | Tunnel           |
| 3   | INTERSTATE ROUTE I-77 (STA. 190+27 TO 197+73)                 | 1          | LS | \$3,225,000.00 | \$3,225,000.00  |                  | \$2,164,361.00 | \$2,164,361.00  |                  |
|   |   |            |    | Subtotal       | \$4,300,000.00  |                  | Subtotal       | \$2,881,427.00  |                  |
| <b>E CREEK UNDERCROSSINGS</b>                     |   |            |    |                |                 |                  |                |                 |                  |
| 1   | TAGGART'S CREEK (STA. 8+00 TO 9+65)                           | 1          | LS | \$280,000.00   | \$280,000.00    |                  | \$279,034.00   | \$279,034.00    |                  |
| 2   | IRWIN CREEK (STA. 175+00 TO 177+20)                           | 1          | LS | \$550,000.00   | \$550,000.00    | Open-Cut         | \$617,386.00   | \$617,386.00    | Open-Cut         |
|   |   |            |    | Subtotal       | \$830,000.00    |                  | Subtotal       | \$896,420.00    |                  |
| <b>F STREET CROSSINGS</b>                         |   |            |    |                |                 |                  |                |                 |                  |
| 1   | OLD STEELE CREEK ROAD (STA. 79+95 TO 80+55)                   | 1          | LS | \$80,000.00    | \$80,000.00     | Open-Cut         | \$124,987.00   | \$124,987.00    | Open-Cut         |
| 2   | DONALD ROSS ROAD (STA. 99+30 TO 99+65)                        | 1          | LS | \$86,000.00    | \$86,000.00     | Open-Cut         | \$118,709.00   | \$118,709.00    | Open-Cut         |
| 3   | WEST BOULEVARD (STA. 150+40 TO 151+05)                        | 1          | LS | \$83,000.00    | \$83,000.00     | Open-Cut         | \$148,963.00   | \$148,963.00    | Open-Cut         |
| 4   | OLD STEELE CREEK ROAD-8-inch SANITARY SEWER. (MH 13 TO MH 14) | 1          | LS | \$30,000.00    | \$30,000.00     | Open-Cut         | \$135,715.00   | \$135,715.00    | Open-Cut         |

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**Smyrna, GA**  
**N.C. License No. 6613**

| ITEM                               | DESCRIPTION  | QUANTITIES |    | UNIT PRICE   | TOTAL        | Method of Const. |
|------------------------------------|--|------------|----|--------------|--------------|------------------|
| <b>64" WATER MAIN CONSTRUCTION</b> |  |            |    |              |              |                  |
|                                    |  |            |    | Subtotal     | \$279,000.00 |                  |
| <b>G</b>                           | <b>BUTTERFLY VALVE ASSEMBLIES</b>  |            |    |              |              |                  |
|                                    | BUTTERFLY VALVE ASSEMBLIES   | 5          | EA | \$140,000.00 | \$700,000.00 |                  |
| <b>H</b>                           | <b>BLOW-OFF ASSEMBLIES</b>   |            |    |              |              |                  |
|                                    | BLOW-OFF ASSEMBLIES  | 10         | EA | \$20,000.00  | \$200,000.00 |                  |
| <b>I</b>                           | <b>MANUAL AIR RELEASE VALVE ASSEMBLIES</b>                                 |            |    |              |              |                  |
|                                    | MANUAL AIR RELEASE VALVE ASSEMBLIES  | 20         | EA | \$17,000.00  | \$340,000.00 |                  |
| <b>J</b>                           | <b>OFF-LINE AIR RELEASE/VACUUM VALVE ASSEMBLY</b>                          |            |    |              |              |                  |
|                                    | OFF-LINE AIR RELEASE/VACUUM VALVE ASSEMBLY                                 | 1          | EA | \$120,000.00 | \$120,000.00 |                  |
| <b>K</b>                           | <b>WATER MAIN ACCESS PORTS</b>   |            |    |              |              |                  |
|                                    | WATER MAIN ACCESS PORTS  | 9          | EA | \$15,000.00  | \$135,000.00 |                  |
| <b>L</b>                           | <b>PUMP-OUT DRAIN PORTS</b>  |            |    |              |              |                  |
|                                    | PUMP-OUT DRAIN PORTS   | 5          | EA | \$20,000.00  | \$100,000.00 |                  |
| <b>M</b>                           | <b>FLOW MONITORING STATIONS</b>  |            |    |              |              |                  |
| 1                                  | GOLF ACRES DRIVE (ON PROPOSED 64" WATER MAIN)                              | 1          | LS | \$21,000.00  | \$21,000.00  |                  |
| 2                                  | SOUTH TRYON STREET (ON EXISTING 36" PCCP)                                  | 1          | LS | \$60,000.00  | \$60,000.00  |                  |
| <b>N</b>                           | <b>REMOVE/RECONSTRUCT EXISTING STORM SEWERS</b>                            |            |    |              |              |                  |
| 1                                  | 54" RCP  | 80         | LF | \$275.00     | \$22,000.00  |                  |
| 2                                  | 48" RCP  | 38         | LF | \$175.00     | \$6,650.00   |                  |
| 3                                  | 24" RCP  | 76         | LF | \$75.00      | \$5,700.00   |                  |
| 4                                  | 18" RCP  | 40         | LF | \$60.00      | \$2,400.00   |                  |
| 5                                  | 15" RCP  | 120        | LF | \$50.00      | \$6,000.00   |                  |
| <b>O</b>                           | <b>REMOVE/RECONSTRUCT EXISTING WATER MAINS</b>                             |            |    |              |              |                  |
| 1                                  | 12" DIP  | 100        | LF | \$100.00     | \$10,000.00  |                  |
| 2                                  | 8" DIP   | 60         | LF | \$90.00      | \$5,400.00   |                  |
| 3                                  | 6" DIP   | 100        | LF | \$80.00      | \$8,000.00   |                  |
| <b>P</b>                           | <b>TESTING OF WATER MAINS - INSTALLED BY OTHERS</b>                        |            |    |              |              |                  |
| 1                                  | SOUTHWEST WATER MAIN (STA. 1+20 BACK TO LAST VALVE) SECTION WWM-1          | 1          | LS | \$5,000.00   | \$5,000.00   |                  |
| 2                                  | WEST WATER MAIN - (EXISTING SECTION ALONG MORRIS FIELD DRIVE SECTION WWM-3 | 1          | LS | \$5,000.00   | \$5,000.00   |                  |
| <b>Q</b>                           | <b>WATSON DRIVE 6-IN WATER MAIN RECONSTRUCTION</b>                         |            |    |              |              |                  |
|                                    | WATSON DRIVE 6-IN WATER MAIN RECONSTRUCTION                                | 1          | LS | \$25,000.00  | \$25,000.00  |                  |
| <b>R</b>                           | <b>REMOUNT ROAD 8-IN WATER MAIN RECONSTRUCTION</b>                         |            |    |              |              |                  |
|                                    | REMOUNT ROAD 8-IN WATER MAIN RECONSTRUCTION                                | 1          | LS | \$85,000.00  | \$85,000.00  |                  |
| <b>S</b>                           | <b>WATSON DRIVE SANITARY SEWER RECONSTRUCTION</b>                          |            |    |              |              |                  |

| UNIT PRICE   | TOTAL        | Method of Const. |
|--------------|--------------|------------------|
| Subtotal     | \$528,374.00 |                  |
| \$123,729.00 | \$618,645.00 |                  |
| \$14,117.00  | \$141,170.00 |                  |
| \$10,225.00  | \$204,500.00 |                  |
| \$70,107.00  | \$70,107.00  |                  |
| \$11,938.00  | \$107,442.00 |                  |
| \$9,958.00   | \$49,790.00  |                  |
| \$16,462.00  | \$16,462.00  |                  |
| \$20,977.00  | \$20,977.00  |                  |
| \$373.00     | \$29,840.00  |                  |
| \$354.00     | \$13,452.00  |                  |
| \$304.00     | \$23,104.00  |                  |
| \$298.00     | \$11,920.00  |                  |
| \$295.00     | \$35,400.00  |                  |
| \$140.00     | \$14,000.00  |                  |
| \$130.00     | \$7,800.00   |                  |
| \$126.00     | \$12,600.00  |                  |
| \$10,000.00  | \$10,000.00  |                  |
| \$10,000.00  | \$10,000.00  |                  |
| \$55,361.00  | \$55,361.00  |                  |
| \$88,406.00  | \$88,406.00  |                  |

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| ITEM                               | DESCRIPTION   | QUANTITIES |    | UNIT PRICE   | TOTAL        | Method of Const. |
|------------------------------------|---|------------|----|--------------|--------------|------------------|
| <b>64" WATER MAIN CONSTRUCTION</b> |   |            |    |              |              |                  |
|                                    | WATSON DRIVE SANITARY SEWER RECONSTRUCTION                | 1          | LS | \$30,000.00  | \$30,000.00  |                  |
| <b>T</b>                           | <b>REPLACE EXISTING WATER SERVICES</b>                    |            |    |              |              |                  |
|                                    | REPLACE EXISTING WATER SERVICES                           | 43         | EA | \$1,250.00   | \$53,750.00  |                  |
| <b>U</b>                           | <b>FIRE HYDRANTS</b>                                      |            |    |              |              |                  |
| 1                                  | REMOVE/REPLACE OR INSTALL FIRE HYDRANTS                   | 15         | EA | \$4,000.00   | \$60,000.00  |                  |
| <b>V</b>                           | <b>REMOVE AND RECONSTRUCT EXISTING SANITARY SEWER</b>     |            |    |              |              |                  |
| 1                                  | 12-IN DIP   | 100        | LF | \$175.00     | \$17,500.00  |                  |
| 2                                  | 10-IN DIP   | 100        | LF | \$170.00     | \$17,000.00  |                  |
| 3                                  | 8-IN DIP  | 276        | LF | \$165.00     | \$45,540.00  |                  |
| 4                                  | 4-FT SANITARY SEWER MANHOLES                              | 1          | EA | \$4,000.00   | \$4,000.00   |                  |
| <b>W</b>                           | <b>REMOVE/REPLACE EXISTING CONCRETE CURB &amp; GUTTER</b> |            |    |              |              |                  |
|                                    | REMOVE/REPLACE EXISTING CONCRETE CURB & GUTTER            | 5,000      | LF | \$28.00      | \$140,000.00 |                  |
| <b>X</b>                           | <b>REMOVE/REPLACE EXISTING CONCRETE SIDEWALK</b>          |            |    |              |              |                  |
|                                    | REMOVE/REPLACE EXISTING CONCRETE SIDEWALK                 | 823        | SY | \$45.00      | \$37,035.00  |                  |
| <b>Y</b>                           | <b>PERMANENT GRASSING</b>                                 |            |    |              |              |                  |
|                                    | PERMANENT GRASSING  | 12,500     | LF | \$3.00       | \$37,500.00  |                  |
| <b>Z</b>                           | <b>TEMPORARY CONSTRUCTION ENTRANCES</b>                   |            |    |              |              |                  |
|                                    | TEMPORARY CONSTRUCTION ENTRANCES                          | 19         | EA | \$2,100.00   | \$39,900.00  |                  |
| <b>AA</b>                          | <b>SILT FENCE</b>   |            |    |              |              |                  |
|                                    | SILT FENCE  | 35,000     | LF | \$3.50       | \$122,500.00 |                  |
| <b>BB</b>                          | <b>ROCK CHECK DAMS</b>                                    |            |    |              |              |                  |
|                                    | ROCK CHECK DAMS   | 58         | EA | \$200.00     | \$11,600.00  |                  |
| <b>CC</b>                          | <b>TEMPORARY SEDIMENT TRAPS</b>                           |            |    |              |              |                  |
|                                    | TEMPORARY SEDIMENT TRAPS                                  | 41         | EA | \$4,000.00   | \$164,000.00 |                  |
| <b>DD</b>                          | <b>REINFORCED STABILIZED OUTLETS</b>                      |            |    |              |              |                  |
|                                    | REINFORCED STABILIZED OUTLETS                             | 25         | EA | \$200.00     | \$5,000.00   |                  |
| <b>EE</b>                          | <b>MAINTENANCE OF SEDIMENT AND EROSION CONTROL ITEMS</b>  |            |    |              |              |                  |
|                                    | MAINTENANCE OF SEDIMENT AND EROSION CONTROL ITEMS         | 1          | LS | \$171,500.00 | \$171,500.00 |                  |
| <b>FF</b>                          | <b>ANTI-SEEP COLLARS</b>                                  |            |    |              |              |                  |
|                                    | ANTI-SEEP COLLARS   | 5          | EA | \$5,000.00   | \$25,000.00  |                  |
| <b>GG</b>                          | <b>ASPHALT PAVEMENT REMOVAL AND REPLACEMENT</b>           |            |    |              |              |                  |
| 2                                  | RESIDENTIAL STREETS                                       | 900        | SY | \$60.00      | \$54,000.00  |                  |
| 2                                  | COMMERCIAL STREETS  | 7,500      | SY | \$85.00      | \$637,500.00 |                  |
| <b>HH</b>                          | <b>CONNECTION TO EXISTING WATER TRANSMISSION MAINS</b>    |            |    |              |              |                  |
| 1                                  | SOUTHWEST WATER MAIN (STA. 1+20)                          | 1          | LS | \$25,000.00  | \$25,000.00  |                  |
| 2                                  | GOLF ACRES DRIVE (STA. 32+96)                             | 1          | LS | \$25,000.00  | \$25,000.00  |                  |
| 3                                  | PLATO CIRCLE (STA. 49+37)                                 | 1          | LS | \$25,000.00  | \$25,000.00  |                  |
| 4                                  | SOUTH WATER MAIN (STA. 217+72)                            | 1          | LS | \$25,000.00  | \$25,000.00  |                  |

| UNIT PRICE  | TOTAL        | Method of Const. |
|-------------|--------------|------------------|
| \$33,743.00 | \$33,743.00  |                  |
| \$1,333.00  | \$57,319.00  |                  |
| \$4,312.00  | \$64,680.00  |                  |
| \$172.00    | \$17,200.00  |                  |
| \$167.00    | \$16,700.00  |                  |
| \$109.00    | \$30,084.00  |                  |
| \$7,551.00  | \$7,551.00   |                  |
| \$17.00     | \$85,000.00  |                  |
| \$44.00     | \$36,212.00  |                  |
| \$5.00      | \$62,500.00  |                  |
| \$2,074.00  | \$39,406.00  |                  |
| \$2.00      | \$70,000.00  |                  |
| \$350.00    | \$20,300.00  |                  |
| \$350.00    | \$14,350.00  |                  |
| \$500.00    | \$12,500.00  |                  |
| \$78,278.00 | \$78,278.00  |                  |
| \$6,070.00  | \$30,350.00  |                  |
| \$62.00     | \$55,800.00  |                  |
| \$88.00     | \$660,000.00 |                  |
| \$37,556.00 | \$37,556.00  |                  |
| \$34,331.00 | \$34,331.00  |                  |
| \$21,431.00 | \$21,431.00  |                  |
| \$34,331.00 | \$34,331.00  |                  |

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| ITEM  | DESCRIPTION  | QUANTITIES |      | UNIT PRICE              | TOTAL                  | Method of Const. |
|---|--|------------|------|-------------------------|------------------------|------------------|
| <b>64" WATER MAIN CONSTRUCTION</b>  |  |            |      |                         |                        |                  |
| <b>II TRAFFIC CONTROL</b>   |  |            |      |                         |                        |                  |
| 1   | GOLF ACRES DRIVE (STA. 1+20 TO STA. 32+96)   | 1          | LS   | \$15,000.00             | \$15,000.00            |                  |
| 2   | STA. 49+37 TO 140+50 (WATSON DRIVE)  | 1          | LS   | \$5,000.00              | \$5,000.00             |                  |
| 3   | STA. 140+50 TO 217+72 (S. TRYON ST.)   | 1          | LS   | \$220,000.00            | \$220,000.00           |                  |
| <b>JJ RECONSTRUCTION OF EXISTING BRICK CATCH BASINS</b>                                       |  |            |      |                         |                        |                  |
|   | RECONSTRUCTION OF EXISTING BRICK CATCH BASINS  | 5          | EA   | \$1,500.00              | \$7,500.00             |                  |
| <b>KK REMOVE AND REPLACE CHAIN LINK FENCE</b>   |  |            |      |                         |                        |                  |
|   | REMOVE AND REPLACE EXISTING CHAIN LINK FENCE   | 1          | LS   | \$25,000.00             | \$25,000.00            |                  |
| <b>LL DEMOLISH AND REMOVE EXISTING CAROLINA GOLF COURSE MAINTENANCE BUILDING (STA. 97+75)</b> |  |            |      |                         |                        |                  |
|   | DEMOLISH AND REMOVE EXISTING CAROLINA GOLF COURSE MAINTENANCE BUILDING (STA. 97+75)                  | 1          | LS   | \$20,000.00             | \$20,000.00            |                  |
|   |  |            |      | Subtotal (Items A - LL) | \$22,164,850.00        |                  |
| <b>MM ALLOWANCES</b>  |  |            |      |                         |                        |                  |
| 1   | RECONSTRUCT EXISTING BASKETBALL COURT  | 1          | LS   | \$50,000.00             | \$50,000.00            |                  |
| 2   | RE-LANDSCAPE ROAD MEDIANS  | 1          | LS   | \$50,000.00             | \$50,000.00            |                  |
| <b>NN CONTINGENCY WORK</b>  |  |            |      |                         |                        |                  |
| 1   | MISCELLANEOUS EXCAVATION   | 100        | CY   | \$25.00                 | \$2,500.00             |                  |
| 2   | SPECIAL BACKFILL   | 75000      | CY   | \$28.00                 | \$2,100,000.00         |                  |
| 3   | EXCAVATION AND STABILIZATION BELOW SUBGRADE  | 100        | CY   | \$50.00                 | \$5,000.00             |                  |
| 4   | EXCAVATION, HAULING AND DISPOSE OF "LANDFILL" TYPE MATERIALS IN Mecklenburg County's US 521 LANDFILL | 10000      | TONS | \$66.00                 | \$660,000.00           |                  |
| 5   | GEOTEXTILE TRENCH STABILIZATION FABRIC   | 2500       | SY   | \$10.00                 | \$25,000.00            |                  |
|   |  |            |      | Subtotal                | \$2,792,500.00         |                  |
| <b>OO MOBILIZATION</b>  |  |            |      |                         |                        |                  |
|   | MOBILIZATION   | 1          | LS   | \$525,000.00            | \$525,000.00           |                  |
| <b>PP CONTINGENCY ALLOWANCE</b>   |  |            |      |                         |                        |                  |
|   | CONTINGENCY ALLOWANCE  | 1          | LS   | \$500,000.00            | \$500,000.00           |                  |
| <b>QQ CORROSION PROTECTION</b>  |  |            |      |                         |                        |                  |
|   | CORROSION PROTECTION   | 1          | LS   | \$260,000.00            | \$260,000.00           |                  |
|   | <b>GRAND TOTAL</b>   |            |      |                         | <b>\$26,342,350.00</b> |                  |

Cost/Ft. \$1,346.88

| UNIT PRICE   | TOTAL                   | Method of Const. |
|--------------|-------------------------|------------------|
|              |                         |                  |
| \$70,531.00  | \$70,531.00             |                  |
| \$74,181.00  | \$74,181.00             |                  |
| \$310,738.00 | \$310,738.00            |                  |
| \$6,716.00   | \$33,580.00             |                  |
| \$25,000.00  | \$25,000.00             |                  |
| \$28,578.00  | \$28,578.00             |                  |
|              | Subtotal (Items A - LL) | \$23,287,654.30  |
| \$50,000.00  | \$50,000.00             |                  |
| \$50,000.00  | \$50,000.00             |                  |
| \$14.00      | \$1,400.00              |                  |
| \$45.00      | \$3,375,000.00          |                  |
| \$65.00      | \$6,500.00              |                  |
| \$56.00      | \$560,000.00            |                  |
| \$5.00       | \$12,500.00             |                  |
|              | Subtotal                | \$3,955,400.00   |
| \$572,011.20 | \$572,011.20            |                  |
| \$500,000.00 | \$500,000.00            |                  |
| \$182,368.00 | \$182,368.00            |                  |
|              | <b>\$28,597,433.50</b>  |                  |

Cost/Ft. \$1,462.19

**Certified Bid Tab for West Water Main**  
**CMU Project No. 446-02-227**  
**Bid Opening: August 2, 2007**



| ITEM  | DESCRIPTION   | QUANTITIES |    | Lowest         | Average         | Maximum         |
|---|---|------------|----|----------------|-----------------|-----------------|
| <b>64" WATER MAIN CONSTRUCTION</b>                |   |            |    |                |                 |                 |
| <b>A WATER MAIN PIPE</b>                          |   |            |    |                |                 |                 |
| 1   | STATION 1+20 TO 32+96   | 2,991      | LF | \$580.00       | \$681.18        | \$822.40        |
| 2   | STATION 49+37 TO 80+55  | 2,783      | LF | \$421.00       | \$626.24        | \$872.30        |
| 3   | STATION 80+55 TO 99+30  | 1,875      | LF | \$403.00       | \$629.33        | \$923.50        |
| 4   | STATION 99+30 TO 140+50                                       | 3,975      | LF | \$395.00       | \$595.83        | \$784.90        |
| 5   | STATION 140+50 TO 217+72                                      | 6,220      | LF | \$606.04       | \$707.18        | \$824.90        |
|   |   |            |    | \$9,979,354.50 | \$11,727,288.41 | \$14,869,827.30 |
| <b>B ROCK EXCAVATION</b>                          |   |            |    |                |                 |                 |
|   | ROCK EXCAVATION (MUST BID MIN. \$50)                          | 1,600      | CY | \$50.00        | \$99.38         | \$150.00        |
| <b>C HAULING AND DISPOSAL OF EXCESS MATERIALS</b> |   |            |    |                |                 |                 |
|   | HAULING AND DISPOSAL OF EXCESS MATERIALS                      | 26,800     | CY | \$6.00         | \$8.56          | \$13.00         |
| <b>D TUNNELED CROSSINGS</b>                       |   |            |    |                |                 |                 |
| 1   | NORFOLK SOUTHERN RAILROAD (STA. 71+70 TO 74+05)               | 1          | LS | \$335,000.00   | \$625,984.58    | \$987,762.60    |
| 2   | NORFOLK SOUTHERN RAILROAD SPUR (STA. 103+55 TO 104+45)        | 1          | LS | \$235,000.00   | \$347,442.00    | \$696,850.00    |
| 3   | INTERSTATE ROUTE I-77 (STA. 190+27 TO 197+73)                 | 1          | LS | \$1,775,000.00 | \$2,463,834.45  | \$3,225,000.00  |
|   |   |            |    | \$2,345,000.00 | \$3,437,261.04  | \$4,300,000.00  |
| <b>E CREEK UNDERCROSSINGS</b>                     |   |            |    |                |                 |                 |
| 1   | TAGGART'S CREEK (STA. 8+00 TO 9+65)                           | 1          | LS | \$85,000.00    | \$191,408.79    | \$280,000.00    |
| 2   | IRWIN CREEK (STA. 175+00 TO 177+20)                           | 1          | LS | \$125,000.00   | \$481,133.97    | \$794,654.00    |
|   |   |            |    | \$210,000.00   | \$672,542.76    | \$896,420.00    |
| <b>F STREET CROSSINGS</b>                         |   |            |    |                |                 |                 |
| 1   | OLD STEELE CREEK ROAD (STA. 79+95 TO 80+55)                   | 1          | LS | \$50,000.00    | \$109,307.77    | \$188,437.00    |
| 2   | DONALD ROSS ROAD (STA. 99+30 TO 99+65)                        | 1          | LS | \$35,000.00    | \$97,832.14     | \$182,305.00    |
| 3   | WEST BOULEVARD (STA. 150+40 TO 151+05)                        | 1          | LS | \$50,000.00    | \$116,800.21    | \$229,738.66    |
| 4   | OLD STEELE CREEK ROAD-8-inch SANITARY SEWER. (MH 13 TO MH 14) | 1          | LS | \$22,479.95    | \$46,255.62     | \$135,715.00    |

| ITEM     | DESCRIPTION   | QUANTITIES |    | Lowest       | Average      | Maximum      |
|----------|---|------------|----|--------------|--------------|--------------|
|          | <b>64" WATER MAIN CONSTRUCTION</b>  |            |    |              |              |              |
|          |   |            |    | \$160,000.00 | \$370,195.73 | \$599,899.87 |
| <b>G</b> | <b>BUTTERFLY VALVE ASSEMBLIES</b>   |            |    |              |              |              |
|          | BUTTERFLY VALVE ASSEMBLIES  | 5          | EA | \$85,000.00  | \$131,145.04 | \$177,478.00 |
| <b>H</b> | <b>BLOW-OFF ASSEMBLIES</b>  |            |    |              |              |              |
|          | BLOW-OFF ASSEMBLIES   | 10         | EA | \$8,600.00   | \$17,212.42  | \$30,000.00  |
| <b>I</b> | <b>MANUAL AIR RELEASE VALVE ASSEMBLIES</b>                                    |            |    |              |              |              |
|          | MANUAL AIR RELEASE VALVE ASSEMBLIES   | 20         | EA | \$5,500.00   | \$11,069.58  | \$17,000.00  |
| <b>J</b> | <b>OFF-LINE AIR RELEASE/VACUUM VALVE ASSEMBLY</b>                             |            |    |              |              |              |
|          | OFF-LINE AIR RELEASE/VACUUM VALVE ASSEMBLY                                    | 1          | EA | \$63,000.00  | \$92,882.73  | \$123,007.00 |
| <b>K</b> | <b>WATER MAIN ACCESS PORTS</b>  |            |    |              |              |              |
|          | WATER MAIN ACCESS PORTS   | 9          | EA | \$2,000.00   | \$14,696.30  | \$21,500.00  |
| <b>L</b> | <b>PUMP-OUT DRAIN PORTS</b>   |            |    |              |              |              |
|          | PUMP-OUT DRAIN PORTS  | 5          | EA | \$5,000.00   | \$12,753.48  | \$20,000.00  |
| <b>M</b> | <b>FLOW MONITORING STATIONS</b>   |            |    |              |              |              |
| 1        | GOLF ACRES DRIVE (ON PROPOSED 64" WATER MAIN)                                 | 1          | LS | \$12,500.00  | \$23,974.54  | \$42,535.29  |
| 2        | SOUTH TRYON STREET (ON EXISTING 36" PCCP)                                     | 1          | LS | \$20,000.00  | \$35,160.54  | \$60,000.00  |
| <b>N</b> | <b>REMOVE/RECONSTRUCT EXISTING STORM SEWERS</b>                               |            |    |              |              |              |
| 1        | 54" RCP   | 80         | LF | \$165.00     | \$304.93     | \$668.44     |
| 2        | 48" RCP   | 38         | LF | \$121.00     | \$242.47     | \$514.77     |
| 3        | 24" RCP   | 76         | LF | \$36.00      | \$146.16     | \$304.00     |
| 4        | 18" RCP   | 40         | LF | \$22.00      | \$124.93     | \$298.00     |
| 5        | 15" RCP   | 120        | LF | \$20.00      | \$110.77     | \$295.00     |
| <b>O</b> | <b>REMOVE/RECONSTRUCT EXISTING WATER MAINS</b>                                |            |    |              |              |              |
| 1        | 12" DIP   | 100        | LF | \$77.00      | \$122.89     | \$180.00     |
| 2        | 8" DIP  | 60         | LF | \$70.00      | \$96.90      | \$140.00     |
| 3        | 6" DIP  | 100        | LF | \$65.00      | \$90.24      | \$135.00     |
| <b>P</b> | <b>TESTING OF WATER MAINS - INSTALLED BY OTHERS</b>                           |            |    |              |              |              |
| 1        | SOUTHWEST WATER MAIN (STA. 1+20 BACK TO LAST VALVE)<br>SECTION WWM-1          | 1          | LS | \$1.00       | \$8,924.38   | \$20,000.00  |
| 2        | WEST WATER MAIN - (EXISTING SECTION ALONG MORRIS FIELD DRIVE<br>SECTION WWM-3 | 1          | LS | \$5,000.00   | \$13,985.25  | \$25,000.00  |
| <b>Q</b> | <b>WATSON DRIVE 6-IN WATER MAIN RECONSTRUCTION</b>                            |            |    |              |              |              |
|          | WATSON DRIVE 6-IN WATER MAIN RECONSTRUCTION                                   | 1          | LS | \$25,000.00  | \$38,705.73  | \$55,361.00  |
| <b>R</b> | <b>REMOUNT ROAD 8-IN WATER MAIN RECONSTRUCTION</b>                            |            |    |              |              |              |
|          | REMOUNT ROAD 8-IN WATER MAIN RECONSTRUCTION                                   | 1          | LS | \$37,353.52  | \$80,001.19  | \$134,000.00 |
| <b>S</b> | <b>WATSON DRIVE SANITARY SEWER RECONSTRUCTION</b>                             |            |    |              |              |              |

| ITEM      | DESCRIPTION   | QUANTITIES |    | Lowest      | Average     | Maximum      |
|-----------|---|------------|----|-------------|-------------|--------------|
|           | <b>64" WATER MAIN CONSTRUCTION</b>                        |            |    |             |             |              |
|           | WATSON DRIVE SANITARY SEWER RECONSTRUCTION                | 1          | LS | \$30,000.00 | \$37,442.49 | \$45,000.00  |
| <b>T</b>  | <b>REPLACE EXISTING WATER SERVICES</b>                    |            |    |             |             |              |
|           | REPLACE EXISTING WATER SERVICES                           | 43         | EA | \$300.00    | \$1,249.71  | \$2,100.00   |
| <b>U</b>  | <b>FIRE HYDRANTS</b>                                      |            |    |             |             |              |
| 1         | REMOVE/REPLACE OR INSTALL FIRE HYDRANTS                   | 15         | EA | \$2,500.00  | \$4,533.91  | \$7,500.00   |
| <b>V</b>  | <b>REMOVE AND RECONSTRUCT EXISTING SANITARY SEWER</b>     |            |    |             |             |              |
| 1         | 12-IN DIP   | 100        | LF | \$90.00     | \$149.49    | \$220.00     |
| 2         | 10-IN DIP   | 100        | LF | \$80.00     | \$139.50    | \$210.00     |
| 3         | 8-IN DIP  | 276        | LF | \$70.00     | \$118.12    | \$200.00     |
| 4         | 4-FT SANITARY SEWER MANHOLES                              | 1          | EA | \$2,000.00  | \$4,838.27  | \$7,551.00   |
| <b>W</b>  | <b>REMOVE/REPLACE EXISTING CONCRETE CURB &amp; GUTTER</b> |            |    |             |             |              |
|           | REMOVE/REPLACE EXISTING CONCRETE CURB & GUTTER            | 5,000      | LF | \$17.00     | \$23.51     | \$30.57      |
| <b>X</b>  | <b>REMOVE/REPLACE EXISTING CONCRETE SIDEWALK</b>          |            |    |             |             |              |
|           | REMOVE/REPLACE EXISTING CONCRETE SIDEWALK                 | 823        | SY | \$30.00     | \$47.32     | \$65.00      |
| <b>Y</b>  | <b>PERMANENT GRASSING</b>                                 |            |    |             |             |              |
|           | PERMANENT GRASSING  | 12,500     | LF | \$0.01      | \$3.14      | \$6.00       |
| <b>Z</b>  | <b>TEMPORARY CONSTRUCTION ENTRANCES</b>                   |            |    |             |             |              |
|           | TEMPORARY CONSTRUCTION ENTRANCES                          | 19         | EA | \$500.00    | \$1,571.91  | \$2,100.00   |
| <b>AA</b> | <b>SILT FENCE</b>   |            |    |             |             |              |
|           | SILT FENCE  | 35,000     | LF | \$1.60      | \$2.66      | \$5.49       |
| <b>BB</b> | <b>ROCK CHECK DAMS</b>                                    |            |    |             |             |              |
|           | ROCK CHECK DAMS   | 58         | EA | \$50.00     | \$263.34    | \$550.00     |
| <b>CC</b> | <b>TEMPORARY SEDIMENT TRAPS</b>                           |            |    |             |             |              |
|           | TEMPORARY SEDIMENT TRAPS                                  | 41         | EA | \$100.00    | \$1,108.39  | \$4,000.00   |
| <b>DD</b> | <b>REINFORCED STABILIZED OUTLETS</b>                      |            |    |             |             |              |
|           | REINFORCED STABILIZED OUTLETS                             | 25         | EA | \$100.00    | \$287.38    | \$500.00     |
| <b>EE</b> | <b>MAINTENANCE OF SEDIMENT AND EROSION CONTROL ITEMS</b>  |            |    |             |             |              |
|           | MAINTENANCE OF SEDIMENT AND EROSION CONTROL ITEMS         | 1          | LS | \$47,425.00 | \$95,346.75 | \$171,500.00 |
| <b>FF</b> | <b>ANTI-SEEP COLLARS</b>                                  |            |    |             |             |              |
|           | ANTI-SEEP COLLARS   | 5          | EA | \$1,000.00  | \$3,813.36  | \$6,070.00   |
| <b>GG</b> | <b>ASPHALT PAVEMENT REMOVAL AND REPLACEMENT</b>           |            |    |             |             |              |
| 2         | RESIDENTIAL STREETS                                       | 900        | SY | \$18.00     | \$56.68     | \$119.41     |
| 2         | COMMERCIAL STREETS  | 7,500      | SY | \$18.00     | \$76.86     | \$143.39     |
| <b>HH</b> | <b>CONNECTION TO EXISTING WATER TRANSMISSION MAINS</b>    |            |    |             |             |              |
| 1         | SOUTHWEST WATER MAIN (STA. 1+20)                          | 1          | LS | \$10,000.00 | \$24,577.82 | \$43,651.55  |
| 2         | GOLF ACRES DRIVE (STA. 32+96)                             | 1          | LS | \$10,000.00 | \$24,765.15 | \$36,023.23  |
| 3         | PLATO CIRCLE (STA. 49+37)                                 | 1          | LS | \$6,000.00  | \$22,402.65 | \$36,023.23  |
| 4         | SOUTH WATER MAIN (STA. 217+72)                            | 1          | LS | \$10,000.00 | \$27,139.45 | \$50,017.63  |

| ITEM      | DESCRIPTION  | QUANTITIES |      | Lowest                 | Average                | Maximum                |
|-----------|--|------------|------|------------------------|------------------------|------------------------|
|           | <b>64" WATER MAIN CONSTRUCTION</b>   |            |      |                        |                        |                        |
| <b>II</b> | <b>TRAFFIC CONTROL</b>   |            |      |                        |                        |                        |
| 1         | GOLF ACRES DRIVE (STA. 1+20 TO STA. 32+96)   | 1          | LS   | \$2,000.00             | \$34,513.62            | \$133,577.92           |
| 2         | STA. 49+37 TO 140+50 (WATSON DRIVE)  | 1          | LS   | \$5,000.00             | \$20,255.92            | \$74,181.00            |
| 3         | STA. 140+50 TO 217+72 (S. TRYON ST.)   | 1          | LS   | \$44,000.00            | \$185,571.34           | \$336,057.68           |
| <b>JJ</b> | <b>RECONSTRUCTION OF EXISTING BRICK CATCH BASINS</b>   |            |      |                        |                        |                        |
|           | RECONSTRUCTION OF EXISTING BRICK CATCH BASINS  | 5          | EA   | \$750.00               | \$3,553.39             | \$6,716.00             |
| <b>KK</b> | <b>REMOVE AND REPLACE CHAIN LINK FENCE</b>   |            |      |                        |                        |                        |
|           | REMOVE AND REPLACE EXISTING CHAIN LINK FENCE   | 1          | LS   | \$1.00                 | \$26,977.93            | \$80,000.00            |
| <b>LL</b> | <b>DEMOLISH AND REMOVE EXISTING CAROLINA GOLF COURSE MAINTENANCE BUILDING (STA. 97+75)</b>           |            |      |                        |                        |                        |
|           | DEMOLISH AND REMOVE EXISTING CAROLINA GOLF COURSE MAINTENANCE BUILDING (STA. 97+75)                  | 1          | LS   | \$7,500.00             | \$19,355.95            | \$36,769.60            |
|           |  |            | SU   | \$17,715,134.50        | \$19,981,946.04        | \$23,287,654.30        |
| <b>MM</b> | <b>ALLOWANCES</b>  |            |      |                        |                        |                        |
| 1         | RECONSTRUCT EXISTING BASKETBALL COURT  | 1          | LS   | \$50,000.00            | \$50,000.00            | \$50,000.00            |
| 2         | RE-LANDSCAPE ROAD MEDIANS  | 1          | LS   | \$50,000.00            | \$50,000.00            | \$50,000.00            |
| <b>NN</b> | <b>CONTINGENCY WORK</b>  |            |      |                        |                        |                        |
| 1         | MISCELLANEOUS EXCAVATION   | 100        | CY   | \$10.00                | \$34.33                | \$85.61                |
| 2         | SPECIAL BACKFILL   | 75000      | CY   | \$0.01                 | \$17.05                | \$45.00                |
| 3         | EXCAVATION AND STABILIZATION BELOW SUBGRADE  | 100        | CY   | \$50.00                | \$62.24                | \$122.93               |
| 4         | EXCAVATION, HAULING AND DISPOSE OF "LANDFILL" TYPE MATERIALS IN Mecklenburg County's US 521 LANDFILL | 10000      | TONS | \$0.01                 | \$47.19                | \$97.52                |
| 5         | GEOTEXTILE TRENCH STABILIZATION FABRIC   | 2500       | SY   | \$1.00                 | \$6.76                 | \$11.00                |
|           |  |            |      | \$39,350.00            | \$1,777,019.25         | \$3,955,400.00         |
| <b>OO</b> | <b>MOBILIZATION</b>  |            |      |                        |                        |                        |
|           | MOBILIZATION   | 1          | LS   | \$200,000.00           | \$412,232.67           | \$572,011.20           |
| <b>PP</b> | <b>CONTINGENCY ALLOWANCE</b>   |            |      |                        |                        |                        |
|           | CONTINGENCY ALLOWANCE  | 1          | LS   | \$500,000.00           | \$500,000.00           | \$500,000.00           |
| <b>QQ</b> | <b>CORROSION PROTECTION</b>  |            |      |                        |                        |                        |
|           | CORROSION PROTECTION   | 1          | LS   | \$70,000.00            | \$171,350.70           | \$318,704.62           |
|           | <b>GRAND TOTAL</b>   |            |      | <b>\$19,996,815.00</b> | <b>\$22,942,548.67</b> | <b>\$28,597,433.50</b> |