

**Town of Vienna - On Call Roadway Maintenance**  
**Cost Estimate for Task Order Number: 68**  
Sidewalk Construction at Echols Street and Fulton Lane Intersection

Date:

5/4/2018

Contractor: Sagres Construction Corporation

| ITEM NO. | DESCRIPTION                                                                      | ESTIMATED QUANTITY | UNIT | UNIT PRICE  | AMOUNT This Task Order |
|----------|----------------------------------------------------------------------------------|--------------------|------|-------------|------------------------|
| 1        | CONSTRUCTION ENTRANCE                                                            |                    | LS   | \$ 2,000.00 | \$ -                   |
| 2        | REMOVE SHRUBS                                                                    | 10.00              | EA   | \$ 50.00    | \$ 500.00              |
| 3        | REMOVE TREES (2" – 6" DIA.)                                                      | 3.00               | EA   | \$ 175.00   | \$ 525.00              |
| 4        | REMOVE TREES (6" – 18" DIA.)                                                     | 4.00               | EA   | \$ 500.00   | \$ 2,000.00            |
| 5        | REMOVE TREES (18" – 30" DIA.)                                                    |                    | EA   | \$ 1,450.00 | \$ -                   |
| 6        | REMOVE TREES (GREATER THAN 30" DIA.)                                             |                    | EA   | \$ 2,250.00 | \$ -                   |
| 7        | GRIND TREE STUMP BELOW GRADE (SMALLER THAN 18" DIA.)                             | 7.00               | EA   | \$ 100.00   | \$ 700.00              |
| 8        | GRIND TREE STUMP BELOW GRADE (18" - 30" DIA.)                                    |                    | EA   | \$ 175.00   | \$ -                   |
| 9        | GRIND TREE STUMP BELOW GRADE (LARGER THAN 30" DIAMETER)                          |                    | EA   | \$ 225.00   | \$ -                   |
| 10       | REMOVE AND DISPOSE OF CONCRETE DRIVEWAY APRON                                    |                    | SY   | \$ 2.00     | \$ -                   |
| 11       | REMOVE AND DISPOSE OF CONCRETE SIDEWALK                                          | 20.00              | SY   | \$ 2.00     | \$ 40.00               |
| 12       | REMOVE AND DISPOSE OF CURB AND/OR CURB AND GUTTER                                | 35.00              | LF   | \$ 2.00     | \$ 70.00               |
| 13       | REMOVE AND DISPOSE OF PAVEMENT (LESS THAN 4" DEPTH)                              |                    | SY   | \$ 2.00     | \$ -                   |
| 14       | REMOVE AND DISPOSE OF BRICK AND OR/CONCRETE PAVERS                               |                    | SY   | \$ 5.00     | \$ -                   |
| 15       | REMOVE AND DISPOSE OF PAVEMENT (OVER 4" DEPTH)                                   |                    | SY   | \$ 3.00     | \$ -                   |
| 16       | REMOVE AND DISPOSE OF DRAINAGE PIPE (LESS THAN 12" DIA. OR EQUIVALENT ELIPTICAL) |                    | LF   | \$ 5.00     | \$ -                   |
| 17       | REMOVE AND DISPOSE OF DRAINAGE PIPE (12" TO 30" DIA. OR EQUIVALENT ELIPTICAL)    |                    | LF   | \$ 25.00    | \$ -                   |
| 18       | REMOVE AND RESET SIGNS (UP TO 6X6 INCH POST)                                     | 1.00               | EA   | \$ 175.00   | \$ 175.00              |
| 19       | SAWCUT ASPHALT PAVEMENT (1" – 4" DEPTH)                                          |                    | LF   | \$ 0.10     | \$ -                   |
| 20       | SAWCUT CONCRETE CURB AND GUTTER AND ENTRANCES                                    | 4.00               | LF   | \$ 0.10     | \$ 0.40                |
| 21       | SAWCUT SIDEWALK                                                                  | 10.00              | LF   | \$ 0.10     | \$ 1.00                |
| 22       | REGULAR EXCAVATION – REMOVE AND DISPOSE                                          | 30.00              | CY   | \$ 75.00    | \$ 2,250.00            |
| 23       | BORROW EXCAVATION – REMOVE AND DISPOSE                                           |                    | CY   | \$ 10.00    | \$ -                   |
| 24       | UNDERCUT EXCAVATION – REMOVE AND DISPOSE                                         |                    | CY   | \$ 15.00    | \$ -                   |
| 25       | SILT REMOVAL FROM STREAM BEDS                                                    |                    | CY   | \$ 65.00    | \$ -                   |
| 26       | SILT REMOVAL FROM CULVERTS                                                       |                    | CY   | \$ 15.00    | \$ -                   |
| 27       | FILL/SELECT MATERIAL (MIN. CBR-15)                                               |                    | CY   | \$ 25.00    | \$ -                   |
| 28       | REGRADE DITCHES                                                                  |                    | LF   | \$ 15.00    | \$ -                   |
| 29       | FILL/SELECT MATERIAL (MIN. CBR-30)                                               |                    | CY   | \$ 35.00    | \$ -                   |
| 30       | INLET PROTECTION (GRAVEL AND FILTER FABRIC)                                      | 2.00               | EA   | \$ 150.00   | \$ 300.00              |
| 31       | C-900 PVC SANITARY SEWER PIPE 10"                                                |                    | LF   | \$ 215.00   | \$ -                   |
| 32       | C-900 PVC SANITARY SEWER PIPE 12"                                                |                    | LF   | \$ 225.00   | \$ -                   |
| 33       | SILT FENCE                                                                       |                    | LF   | \$ 0.50     | \$ -                   |
| 34       | TEMPORARY SAFETY FENCE AND TREE PROTECTION                                       | 100.00             | LF   | \$ 9.50     | \$ 950.00              |
| 35       | CL-III RCP, 15" DIAMETER                                                         |                    | LF   | \$ 85.00    | \$ -                   |
| 36       | CL-III RCP, 18" DIAMETER                                                         |                    | LF   | \$ 95.00    | \$ -                   |
| 37       | CL-III RCP, 21" DIAMETER                                                         |                    | LF   | \$ 110.00   | \$ -                   |
| 38       | CL-III RCP, 24" DIAMETER                                                         |                    | LF   | \$ 125.00   | \$ -                   |
| 39       | CL-III RCP, 30" DIAMETER                                                         |                    | LF   | \$ 145.00   | \$ -                   |
| 40       | CL-III RCP, 36" DIAMETER                                                         |                    | LF   | \$ 150.00   | \$ -                   |
| 41       | CL-III RCP, 42" DIAMETER                                                         |                    | LF   | \$ 175.00   | \$ -                   |
| 42       | CL-III RCAP, 23" X 14"                                                           |                    | LF   | \$ 150.00   | \$ -                   |
| 43       | ES-1, END SECTION, 15" PIPE                                                      |                    | EA   | \$ 550.00   | \$ -                   |
| 44       | ES-1, END SECTION, 18" PIPE                                                      |                    | EA   | \$ 750.00   | \$ -                   |

|    |                                                                                           |       |     |             |             |
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| 45 | ES-1, END SECTION, 21" PIPE                                                               |       | EA  | \$ 925.00   | \$ -        |
| 46 | ES-1, END SECTION, 24" PIPE                                                               |       | EA  | \$ 1,000.00 | \$ -        |
| 47 | 15" CMP                                                                                   |       | LF  | \$ 60.00    | \$ -        |
| 48 | 18" CMP                                                                                   |       | LF  | \$ 65.00    | \$ -        |
| 49 | 21" CMP                                                                                   |       | LF  | \$ 70.00    | \$ -        |
| 50 | INSTALL CURB INLET (4' – 8' DEPTH)                                                        |       | EA  | \$ 4,250.00 | \$ -        |
| 51 | VDOT STANDARD UD-4 EDGE DRAIN (4")                                                        |       | LF  | \$ 25.00    | \$ -        |
| 52 | GEOTEXTILE DRAINAGE FABRIC                                                                |       | SY  | \$ 1.50     | \$ -        |
| 53 | INSTALL DROP INLET (4' – 8' DEPTH)                                                        |       | EA  | \$ 4,250.00 | \$ -        |
| 54 | INSTALL MANHOLE (4' – 8' DEPTH)                                                           |       | EA  | \$ 4,000.00 | \$ -        |
| 55 | INSTALL MANHOLE STEPS IN EXISTING MANHOLE                                                 |       | EA  | \$ 50.00    | \$ -        |
| 56 | INSTALL YARD INLET (4' – 8' DEPTH)                                                        |       | EA  | \$ 3,950.00 | \$ -        |
| 57 | ADJUST CURB INLET TOPS (1" – 4")                                                          |       | EA  | \$ 500.00   | \$ -        |
| 58 | ADJUST CURB INLET TOPS (5" – 8")                                                          |       | EA  | \$ 750.00   | \$ -        |
| 59 | ADJUST STORM OR SANITARY MANHOLE STRUCTURE (1" – 6")                                      |       | EA  | \$ 550.00   | \$ -        |
| 60 | ADJUST STORM OR SANITARY MANHOLE STRUCTURE (7" – 11")                                     |       | EA  | \$ 100.00   | \$ -        |
| 61 | ADJUST STRUCTURES, MANHOLES, JUNCTION BOXES, D1-7, A, B, OR C                             |       | EA  | \$ 750.00   | \$ -        |
| 62 | CLEAN DRAINAGE STRUCTURE                                                                  |       | CY  | \$ 100.00   | \$ -        |
| 63 | CLEAN PIPE                                                                                |       | CY  | \$ 100.00   | \$ -        |
| 64 | CONSTRUCT INVERT IN STORM AND SANITARY SEWER STRUCTURES                                   |       | EA  | \$ 500.00   | \$ -        |
| 65 | STORM SEWER PIPE, TIE-IN TO EXISTING STRUCTURE                                            |       | EA  | \$ 950.00   | \$ -        |
| 66 | ADJUST METER BOXES                                                                        |       | EA  | \$ 100.00   | \$ -        |
| 67 | ADJUST FIRE HYDRANT                                                                       |       | EA  | \$ 100.00   | \$ -        |
| 68 | BRACE EXISTING POLE IN PLACE                                                              |       | EA  | \$ 450.00   | \$ -        |
| 69 | 21-A STONE                                                                                | 15.00 | TON | \$ 22.50    | \$ 337.50   |
| 70 | 21-B STONE                                                                                |       | TON | \$ 22.50    | \$ -        |
| 71 | VDOT STANDARD #57 STONE                                                                   |       | CY  | \$ 50.00    | \$ -        |
| 72 | CURB OR CURB AND GUTTER (CG-2, CG-3, CG-6, OR CG-7)                                       | 30.00 | LF  | \$ 47.50    | \$ 1,425.00 |
| 73 | STANDARD CONCRETE DRIVEWAY ENTRANCE                                                       |       | SY  | \$ 85.00    | \$ -        |
| 74 | DRIVEWAY RESTORATION                                                                      |       | SY  | \$ 75.00    | \$ -        |
| 75 | 4" CONCRETE ROADWAY/PAVERS INSTALLATION                                                   |       | SY  | \$ 220.00   | \$ -        |
| 76 | 4" BRICK SIDEWALK PAVERS, INSTALLATION                                                    |       | SY  | \$ 135.00   | \$ -        |
| 77 | 4" CONCRETE SIDEWALK                                                                      | 62.00 | SY  | \$ 75.00    | \$ 4,650.00 |
| 78 | 6" CONCRETE PAD                                                                           |       | SY  | \$ 60.00    | \$ -        |
| 79 | 4" Concrete Sidewalk                                                                      |       | SY  | \$ 75.00    | \$ -        |
| 80 | ASPHALT TYPE BM-25, A THRU D                                                              |       | TON | \$ 105.00   | \$ -        |
| 81 | ASPHALT TYPE SM-9.5, A THRU D                                                             |       | TON | \$ 105.00   | \$ -        |
| 82 | ASPHALT PAVEMENT MILLING (UP TO 2")                                                       |       | SY  | \$ 3.50     | \$ -        |
| 83 | ASPHALT PAVEMENT MILLING (2"-4")                                                          |       | SY  | \$ 5.50     | \$ -        |
| 84 | RIP-RAP CL I – IN PLACE                                                                   |       | TON | \$ 100.00   | \$ -        |
| 85 | RIP-RAP CL II – IN PLACE                                                                  |       | TON | \$ 125.00   | \$ -        |
| 86 | RIP-RAP-CL III – IN PLACE                                                                 |       | TON | \$ 125.00   | \$ -        |
| 87 | CONCRETE COPING WALLS 1' HIGH                                                             | 45.00 | LF  | \$ 35.00    | \$ 1,575.00 |
| 88 | STONE RETAINING WALLS 1'-4' HIGH                                                          |       | CY  | \$ 25.00    | \$ -        |
| 89 | ERADICATE PAVEMENT MARKINGS                                                               |       | SY  | \$ 5.00     | \$ -        |
| 90 | INSTALL STD. ED-1 ROAD EDGE DELINEATORS                                                   |       | EA  | \$ 175.00   | \$ -        |
| 91 | SEEDING TO INCLUDE LIME, FERTILIZER, AND MULCH                                            | 30.00 | SY  | \$ 2.00     | \$ 60.00    |
| 92 | SODDING (TO INCLUDE 2" TOPSOIL AND FERTILIZATION)                                         |       | SY  | \$ 10.00    | \$ -        |
| 93 | TOPSOIL (2" DEPTH)                                                                        | 30.00 | SY  | \$ 3.50     | \$ 105.00   |
| 94 | FILL DIRT                                                                                 |       | CY  | \$ 5.00     | \$ -        |
| 95 | APPLY NTCQS-1hM NON-TRACKING TACK AS SEAM SEALING TO PAVEMENT PATCHES (MIN 4 INCHES WIDE) |       | LF  | \$ 15.00    | \$ -        |
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| Estimate Total: |  |  |  | \$ | 15,663.90 |