



**PLANNING BUILDING & ECONOMIC DEVELOPMENT**

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CITY OF ROANOKE

MINIMUM ACCEPTABLE COSTS OF EROSION AND SEDIMENT CONTROL MEASURES

| <u>VESCH STD</u> | <u>DESCRIPTION</u>                      | <u>UNIT</u> | <u>UNIT COST</u> |
|------------------|---|-------------|------------------|
| 3.02 (CE)        | Temporary Gravel Construction Entrance  | EA          | \$1,500.00       |
| 3.03 (CRS)       | Construction Road Stabilization         | SQ YD       | \$3.00           |
| 3.04 (STB)       | Straw Bale Barrier                      | LF          | \$3.00           |
| 3.05 (SF)        | Silt Fence                              | LF          | \$4.00           |
| 3.06 (BB)        | Brush Barrier                           | LF          | \$2.00           |
| 3.07 (IP)        | Storm Drain Inlet Protection            | EA          | \$100.00         |
| 3.08 (CIP)       | Culvert Inlet Protection                | EA          | \$150.00         |
| 3.09 (DD)        | Temporary Diversion Dike                | LF          | \$3.00           |
| 3.10 (FD)        | Temporary Fill Diversion                | LF          | \$0.50           |
| 3.11 (RWD)       | Temporary Right-of-way Diversion        | LF          | \$3.00           |
| 3.12 (DV)        | Diversion                               | LF          | \$6.50           |
| 3.13 (ST)        | Temporary Sediment Trap                 |             |                  |
|                  | 1 Acre Drainage Area                    | EA          | \$750.00         |
|                  | 2 Acre Drainage Area                    | EA          | \$1,500.00       |
|                  | 3 Acre Drainage Area                    | EA          | \$2,000.00       |
| 3.14 (SB)        | Temporary Sediment Basin                |             |                  |
|                  | 3 Acre Drainage Area                    | EA          | \$3,000.00       |
|                  | 6 Acre Drainage Area                    | EA          | \$6,000.00       |
|                  | 15 Acre Drainage Area                   | EA          | \$10,000.00      |
| 3.15 (TSD)       | Temporary Slope Drain                   | LF          | \$10.00          |
| 3.16 (PF)        | Paved Flume                             | LF          | \$25.00          |
| 3.17 (SCC)       | Stormwater Conveyance Channel           | LF          | \$8.00           |
| 3.18 (OP)        | Outlet Protection                       | EA          | \$200.00         |
| 3.20 (CD)        | Rock Check Dams                         | EA          | \$50.00          |
| 3.29 (SR)        | Surface ruffening                       | AC.         | \$500.00         |
| 3.31 (TS)        | Temporary Seeding                       | AC.         | \$1,800.00       |
| 3.32 (PS)        | Permanent Seeding with Straw            | AC.         | \$2,400.00       |
| 3.36 (B/M)       | Soil Stabilization Blankets and Matting | SY          | \$2.00           |
| 3.38 (TP)        | Tree Preservation & Protection          | LF          | \$3.60           |
| NA (SSF)         | "Super Silt Fence"                      | LF          | \$8.00           |

**Add a 10% contingency to Total Cost**