

**Mass Ave / Appleton St Intersection Improvements**  
**Arlington, MA**  
**Town of Arlington DPW**  
**ENGINEER'S ESTIMATE - CONCEPTUAL DESIGN**

Prepared by:



GREEN INTERNATIONAL AFFILIATES, INC.  
 Civil and Structural Engineers

8/16/2021

Green Project No: 20107.00

| QUANTITY | UNIT | ITEM<br>DESCRIPTION   | UNIT<br>PRICE | AMOUNT      |
|----------|------|---|---------------|-------------|
| 2        | EA   | RADAR SPEED FEEDBACK DISPLAY (SOLAR)                            | \$10,000.00   | \$20,000.00 |
| 15       | EA   | REMOVABLE REFLECTORIZED FLEXIBLE DELINEATOR POSTS (WHITE)       | \$50.00       | \$750.00    |
| 5        | EA   | REMOVABLE REFLECTORIZED FLEXIBLE DELINEATOR POSTS (YELLOW)      | \$50.00       | \$250.00    |
| 1        | LS   | RECTANGULAR RAPID FLASHING BEACON (SOLAR)                       | \$25,000.00   | \$25,000.00 |
| 1750     | SF   | PAVEMENT MARKING REMOVAL  | \$2.00        | \$3,500.00  |
| 3650     | LF   | 6 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)                 | \$1.25        | \$4,562.50  |
| 520      | LF   | 12 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)                | \$4.50        | \$2,340.00  |
| 1900     | LF   | 6 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC)                | \$1.25        | \$2,375.00  |
| 350      | SF   | PAVEMENT ARROWS AND LEGENDS REFLECTORIZED WHITE (THERMOPLASTIC) | \$8.00        | \$2,800.00  |
| 1300     | SF   | HIGH-FRICTION GREEN PAVEMENT MARKINGS                           | \$12.00       | \$15,600.00 |
| 40       | SF   | WARNING-REGULATORY AND ROUTE MARKER - ALUM. PANEL (TYPE A)      | \$14.00       | \$560.00    |
| 9        | EA   | SIGN SUP (N/GUIDE)+RTE MKR W/ 1 BRKWAY POST ASSEMBLY - STEEL    | \$140.00      | \$1,260.00  |

**SUBTOTAL:** \$78,997.50  
 20% Contingency: \$15,800.00  
**TOTAL:** \$94,797.50