

Delaware Department of Transportation

Dewey Beach Median Treatments - Preferred Alternative  
Preliminary Cost Estimate

January 11, 2020

| Item No.   | Item Description   | Quantity | Units | Unit Price  | Total Cost          |
|--|--|----------|-------|-------------|---------------------|
| <b>Division 200 - Earthwork</b>                                  |  |          |       |             | <b>\$60,140.00</b>  |
| 201000   | Clearing and Grubbing (includes removal of 7 small trees)                            | 1        | LS    | \$7,000.00  | \$7,000.00          |
| 202000   | Excavation and Embankment  | 170      | CY    | \$40.00     | \$6,800.00          |
| 211001   | Removal of Portland Cement Concrete Pavement, Sidewalk                               | 1,324    | SY    | \$35.00     | \$46,340.00         |
| <b>Division 400 - Bituminous Materials</b>                       |  |          |       |             | <b>\$0.00</b>       |
| <b>Division 500 - Rigid Pavement</b>                             |  |          |       |             | <b>\$0.00</b>       |
| <b>Division 600 - Structures</b>                                 |  |          |       |             | <b>\$0.00</b>       |
| <b>Division 700 - Miscellaneous Construction</b>                 |  |          |       |             | <b>\$113,461.50</b> |
|  | 6-in x 6-in x 8-ft pressure treated lumber post; installed (for "wave" panels)       | 690      | EA    | \$78.75     | \$54,337.50         |
|  | 6-in x 6-in x 8-ft ressure treated lumber post; installed (for post with rope areas) | 200      | EA    | \$78.75     | \$15,750.00         |
|  | Pro-Manila 1 1/2" Rope and hardware; installed                                       | 2,800    | LF    | \$8.00      | \$22,400.00         |
| 762001   | Saw Cutting, Concrete, Full Depth  | 2,658    | LF    | \$3.00      | \$7,974.00          |
| 763000   | Initial Expense/De-Mobilization  | 1        | LS    | \$13,000.00 | \$13,000.00         |
| <b>Division 800 - Traffic</b>                                    |  |          |       |             | <b>\$27,040.00</b>  |
| 801000   | Maintenace of Traffic  | 1        | LS    | \$10,000.00 | \$10,000.00         |
| 802003   | Arrow Panels, Type C   | 60       | EA-DY | \$40.00     | \$2,400.00          |
| 805001   | Plastic Drums  | 1,500    | EA-DY | \$4.00      | \$6,000.00          |
| 810001   | Temporary Warning Signs and Plaques  | 480      | EA-DY | \$18.00     | \$8,640.00          |
| <b>Division 900 - Erosion, Sediment, and Stormwater Measures</b> |  |          |       |             | <b>\$86,322.00</b>  |
| 908004   | Topsoil, 6" Depth  | 1,344    | SY    | \$8.00      | \$10,752.00         |
| 911000   | Plantings  | 1        | LS    | \$55,000.00 | \$55,000.00         |
|  | Triple Shredded Harwood Mulch; 3" depth  | 1,510    | SY    | \$7.00      | \$10,570.00         |
| 911501   | Landscape Maintenance (2 year)   | 1        | LS    | \$10,000.00 | \$10,000.00         |
| <b>SUB-TOTAL (CONSTRUCTION)</b>                                  |  |          |       |             | <b>\$286,963.50</b> |
|  | Utility relocations/adjustments (3%)   |          | 3%    |             | \$9,000.00          |
|  | DelDOT construction engineering (20%)  |          | 20%   |             | \$57,000.00         |
|  | Construction contingency (10%)   |          | 10%   |             | \$29,000.00         |
| <b>CONSTRUCTION TOTAL</b>  |  |          |       |             | <b>\$382,000.00</b> |
| <b>PROJECT TOTAL</b>   |  |          |       |             | <b>\$390,000.00</b> |