





|  |   |          |       |  |                     |
|--|---|----------|-------|--|---------------------|
| Strand Associates, Inc.  |   |          |       |  |                     |
| ALTERNATIVE 1  |   |          |       |  |                     |
| WHITEWATER WISCONSIN   |   |          |       |  |                     |
| ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST: PLANNING-LEVEL |   |          |       |  |                     |
| 10/18/2023   |   |          |       |  |                     |
| ITEM NO.   | DESCRIPTION   | Quantity | Units | Unit Price (2025)                                | Total Price         |
| 1  | Mobilization/Demobilization (2% of Construction Cost)                 | 1        | LS    | \$54,195.00                                      | \$54,200            |
| 2  | Clearing and Grubbing   | 0.58     | AC    | \$13,800.00                                      | \$8,000             |
| 3  | Traffic Control   | 1        | LS    | \$6,050.00                                       | \$6,050             |
| 4  | Construction Layout   | 1        | LS    | \$6,050.00                                       | \$6,050             |
| 5  | Stone Tracking Pad  | 2        | EA    | \$3,000.00                                       | \$6,000             |
| 6  | Dust Control  | 1        | LS    | \$2,900.00                                       | \$2,900             |
| 7  | Inlet Protection  | 4        | EA    | \$300.00   | \$1,200             |
| 8  | Silt Fence  | 792      | LF    | \$4.00   | \$3,150             |
| 9  | Dewatering  | 1        | LS    | \$15,000.00                                      | \$15,000            |
| 10   | Parent Material Excavation and Off-Site Disposal                      | 12,043   | CY    | \$26.00  | \$313,150           |
| 11   | Excavation w/ On-Site Reuse as Backfill Including Compaction          | 7,934    | CY    | \$17.00  | \$134,900           |
| 12   | Stone Backfill (Around and To Top of Unit)                            | 1,283    | CY    | \$38.50  | \$49,400            |
| 13   | Rock Excavation   | 1,635    | CY    | \$25.00  | \$40,850            |
| 14   | Stormtrap Units Incl/ Delivery, Joint Tape, and Joint Rap             | 1        | LS    | \$1,470,611.43                                   | \$1,470,600         |
| 15   | Stormtrap Units Incl/ Delivery, Joint Tape, and Joint Rap (Sales Tax) | 1        | LS    | \$80,883.63                                      | \$80,884            |
| 16   | Subgrade (6" Thick of 1-1/4" base course)                             | 504      | CY    | \$38.50  | \$19,400            |
| 17   | Stormtrap Unit Installation   | 1        | LS    | \$98,991.30                                      | \$99,000            |
| 18   | Geomembrane Liner   | 1        | LS    | \$73,642.84                                      | \$73,650            |
| 19   | 6-IN Salvaged Topsoil Placement (from project site)                   | 2,190    | SY    | \$3.50   | \$7,650             |
| 20   | Erosion Control Revegetative Mat                                      | 2,190    | SY    | \$3.00   | \$6,550             |
| 21   | Turf Restoration - Seed and Fertilizer                                | 2,190    | SY    | \$3.00   | \$6,550             |
| 22   | Trees   | 10       | EA    | \$660.00   | \$6,600             |
| 23   | 34x53-IN RCP Storm Sewer  | 308      | LF    | \$325.00   | \$100,100           |
| 24   | 12-IN RCP Storm Sewer   | 67       | LF    | \$110.00   | \$7,350             |
| 25   | 2'x3' Storm Sewer Inlet   | 4        | EA    | \$2,900.00                                       | \$11,600            |
| 26   | 10-FT DIA Storm Sewer Manhole   | 1        | EA    | \$22,700.00                                      | \$22,700            |
| 27   | Base T Storm Sewer Manhole (Connect to Existing Storm Sewer)          | 1        | EA    | \$27,497.58                                      | \$27,500            |
| 28   | JC J-2 Connection   | 1        | EA    | \$5,000.00                                       | \$5,000             |
| 29   | Outlet Control Structure  | 1        | EA    | \$10,000.00                                      | \$10,000            |
| 30   | StormTrap Access Manhole  | 8        | EA    | \$2,182.01                                       | \$17,450            |
| 31   | Asphalt Restoration   | 1        | LS    | \$69,500   | \$69,500            |
| 32   | Temporary Access Road   | 1        | LS    | \$10,664.99                                      | \$10,650            |
| 33   | Temporary Access Road Removal   | 831      | SY    | \$4.00   | \$3,300             |
| 34   | Temporary Access Road Restoration                                     | 831      | SY    | \$9.50   | \$7,900             |
| 35   | Asphalt Path Removal  | 509      | SY    | \$28.79  | \$14,650            |
| 36   | Asphalt Path Restoration  | 1        | LS    | \$19,300.00                                      | \$19,300            |
| 37   | Curb and Gutter Removal   | 732      | LF    | \$5.77   | \$4,200             |
| 38   | Curb and Gutter Restoration   | 732      | LF    | \$21.24  | \$15,550            |
| 39   | Pipe Abandonment  | 1        | LS    | \$1,000.00                                       | \$1,000             |
| 39   | Pipe Removal  | 134      | LF    | \$33.00  | \$4,400             |
|  |   |          |       | Subtotal Project Cost                            | \$ 2,763,884        |
|  |   |          |       | 25% Contingency and Technical Services Allowance | \$ 690,971          |
|  |   |          |       | Construction Cost                                | \$ 3,454,855        |
|  |   |          |       | Geotechnical Investigation                       | \$ 13,000           |
|  |   |          |       | <b>Grand Total</b>                               | <b>\$ 3,467,855</b> |

Notes:

1. This planning level opinion of probable cost is based on limited data and the assumptions, herein. It should be refined in the future with site specific information.

|               |       |  |             |                                 |
|---------------|-------|--|-------------|---------------------------------|
|               |       | WDNR UNPS Grant                              |             | \$150,000                       |
|               |       | WDNR UNPS Grant OSG Monies (if succesful)    |             | \$150,000                       |
|               |       | Clean Water Fund Principal Forgiveness (50%) |             | \$1,733,927                     |
|               |       | Total Grants                                 |             | \$2,033,927                     |
|               |       | Total Project Cost (With Grants)             |             | \$1,433,927                     |
|               |       |  |             |                                 |
|               |       | Without Grants                               | With Grants | % of Project Cost (With Grants) |
| City Portion  | 39.7% | \$1,376,738                                  | \$569,269   | 16.4%                           |
| UW Portion    | 60.3% | \$2,091,116                                  | \$864,658   | 24.9%                           |
| Grant Portion | 0%    | \$0  | \$2,033,927 | 58.7%                           |
| Total         | 100%  | \$3,467,855                                  | \$3,467,855 | 100.0%                          |