

## ENGINEER'S ESTIMATE

RIVER ROAD CHANNELIZATION AND  
RIVER ACCESS PROJECT AT SUNSET BEACH

C03410

| ITEM NO. | S/ F | ITEM CODE | ITEM DESCRIPTION   | UN IT | QTY.      | UNIT PRICE | ITEM TOTAL  |
|----------|------|-----------|--|-------|-----------|------------|-------------|
| 1        |      | 071325    | TEMPORARY FENCE (ESA)                                      | LF    | 1,327.00  |            |             |
| 2        |      | 074019    | PREPARE STORM WATER POLLUTION PREVENTION PLAN              | LS    | 1.00      |            |             |
| 3        |      | 074020    | WATER POLLUTION CONTROL                                    | LS    | 1.00      |            |             |
| 4        |      | 074021A   | WATER POLLUTION CONTROL MAINTENANCE                        | LS    | 1.00      |            |             |
| 5        |      | 120090    | CONSTRUCTION AREA SIGNS                                    | EA    | 4.00      |            |             |
| 6        |      | 120100    | TRAFFIC CONTROL SYSTEM                                     | LS    | 1.00      |            |             |
| 7        |      | 120101    | FLAGGING   | FA    | 38,000.00 | \$1.00     | \$38,000.00 |
| 8        |      | 128650    | PORTABLE CHANGEABLE MESSAGE SIGN                           | DY    | 75.00     |            |             |
| 9        |      | 150714    | REMOVE THERMOPLASTIC TRAFFIC STRIPE                        | LF    | 300.00    |            |             |
| 10       |      | 153103    | COLD PLANE ASPHALT CONCRETE PAVEMENT                       | SY    | 670.00    |            |             |
| 11       |      | 160101    | CLEARING AND GRUBBING                                      | LS    | 1.00      |            |             |
| 12       |      | 170101    | DEVELOP WATER SUPPLY                                       | LS    | 1.00      |            |             |
| 13       |      | 190101    | ROADWAY EXCAVATION   | CY    | 1,617.00  |            |             |
| 14       |      | 190110    | LEAD COMPLIANCE PLAN                                       | LS    | 1.00      |            |             |
| 15       |      | 190122    | ROADWAY EXCAVATION (HAZARDOUS MATERIAL) CLASS I            | CY    | 75.00     |            |             |
| 16       |      | 190123    | ROADWAY EXCAVATION (HAZARDOUS MATERIAL) CLASS II           | CY    | 75.00     |            |             |
| 17       |      | 190124    | ROADWAY EXCAVATION (HAZARDOUS MATERIAL) CLASS III          | CY    | 200.00    |            |             |
| 18       |      | 190166    | UNSUITABLE MATERIAL EXCAVATION                             | CY    | 50.00     |            |             |
| 19       |      | 194001    | DITCH EXCAVATION   | CY    | 130.00    |            |             |
| 20       |      | 198001    | IMPORTED BORROW  | CY    | 1,896.00  |            |             |
| 21       |      | 198022    | LOCAL BORROW   | CY    | 5,872.00  |            |             |
| 22       |      | 203011    | EROSION CONTROL (TYPE C)                                   | SY    | 4,253.00  |            |             |
| 23       |      | 203016    | EROSION CONTROL (TYPE D)                                   | SY    | 9,148.00  |            |             |
| 24       |      | 260201    | CLASS 2 AGGREGATE BASE                                     | CY    | 2,154.00  |            |             |
| 25       |      | 390205    | AGGREGATE (TYPE A, ASPHALT CONCRETE, 3/4" MAXIMUM GRADING) | TN    | 2,690.00  |            |             |
| 26       |      | 391001    | PAVING ASPHALT (ASPHALT CONCRETE)                          | TN    | 145.00    |            |             |
| 27       |      | 394001    | PLACE ASPHALT CONCRETE DIKE (TYPE A)                       | LF    | 937.00    |            |             |
| 28       |      | 394002    | PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)                | SY    | 3,508.00  |            |             |
| 29       |      | 510048    | CONCRETE BOX EXTENSION WITH WING WALLS                     | LS    | 1.00      |            |             |
| 30       |      | 510049    | CONCRETE RETAINING WALL                                    | LS    | 1.00      |            |             |
| 31       |      | 562000    | ROADSIDE SIGNS   | EA    | 6.00      |            |             |
| 32       |      | 620101    | 18" ALTERNATE PIPE CULVERT (TYPE A)                        | LF    | 527.00    |            |             |

|              |  |        |   |    |          |  |  |  |
|--------------|--|--------|---|----|----------|--|--|--|
| 33           |  | 707050 | DRAINAGE INLET (TYPE GO)                        | EA | 2.00     |  |  |  |
| 34           |  | 707083 | PRECAST CONCRETE INLET (24" X 24") W/ OPENING   | EA | 1.00     |  |  |  |
| 35           |  | 721008 | ROCK SLOPE PROTECTION (LIGHT, METHOD B)         | CY | 16.00    |  |  |  |
| 36           |  | 721009 | ROCK SLOPE PROTECTION (FACING, METHOD B)        | CY | 5.00     |  |  |  |
| 37           |  | 721011 | ROCK SLOPE PROTECTION (BACKING NO. 2, METHOD B) | CY | 10.00    |  |  |  |
| 38           |  | 729011 | JUTE MESH (DITCH LINING)                        | SY | 175.00   |  |  |  |
| 39           |  | 729003 | EROSION CONTROL BLANKET (DITCH LINING)          | SY | 175.00   |  |  |  |
| 40           |  | 750012 | STEEL COVER (24"X24")                           | EA | 1.00     |  |  |  |
| 41           |  | 750034 | INLET GRATE (TYPE 24-12X)                       | EA | 2.00     |  |  |  |
| 42           |  | 800028 | FENCE (TYPE 1)                                  | LF | 667.00   |  |  |  |
| 43           |  | 800029 | FENCE (TYPE 2)                                  | LF | 1,123.00 |  |  |  |
| 44           |  | 800030 | FENCE (TYPE 3)                                  | LF | 400.00   |  |  |  |
| 45           |  | 800031 | FENCE (TYPE 4)                                  | LF | 396.00   |  |  |  |
| 46           |  | 800032 | FENCE (TYPE 5)                                  | LF | 78.00    |  |  |  |
| 47           |  | 801338 | 12" PIPE GATE                                   | EA | 2.00     |  |  |  |
| 48           |  | 801339 | 40" PIPE GATE                                   | EA | 1.00     |  |  |  |
| 49           |  | 810110 | SURVEY MONUMENT                                 | EA | 2.00     |  |  |  |
| 50           |  | 832002 | METAL BEAM GUARD RAILING (STEEL POST)           | LF | 1,346.00 |  |  |  |
| 51           |  | 839541 | TRANSITION RAILING (TYPE WB)                    | EA | 4.00     |  |  |  |
| 52           |  | 839552 | TERMINAL SECTION (TYPE C)                       | EA | 2.00     |  |  |  |
| 53           |  | 839559 | TERMINAL SYSTEM (TYPE ET)                       | EA | 2.00     |  |  |  |
| 54           |  | 839565 | TERMINAL SYSTEM (TYPE SRT)                      | EA | 1.00     |  |  |  |
| 55           |  | 840504 | 4" THERMOPLASTIC TRAFFIC STRIPE                 | LF | 8,322.00 |  |  |  |
| 56           |  | 840506 | 8" THERMOPLASTIC TRAFFIC STRIPE                 | LF | 284.00   |  |  |  |
| 57           |  | 840509 | 12" THERMOPLASTIC TRAFFIC STRIPE                | LF | 60.00    |  |  |  |
| 58           |  | 840515 | THERMOPLASTIC PAVEMENT MARKING                  | SF | 86.00    |  |  |  |
| 59           |  | 840653 | PAINT TRAFFIC STRIPE                            | LF | 872.00   |  |  |  |
| 60           |  | 840660 | PAINT PAVEMENT MARKING                          | SF | 46.00    |  |  |  |
| 61           |  | 842000 | PARKING BUMPER (PRECAST CONCRETE)               | EA | 33.00    |  |  |  |
| 62           |  | 850102 | PAVEMENT MARKER, REFLECTIVE                     | EA | 175.00   |  |  |  |
| 63           |  | 860799 | RELOCATE AND INSTALL ELECTRIC SERVICE           | LS | 1.00     |  |  |  |
| 64           |  | 998109 | RELOCATE AND INSTALL WATER LINE                 | LS | 1.00     |  |  |  |
| 65           |  | 999997 | TRENCH SHORING AND BRACING                      | LS | 1.00     |  |  |  |
| 66           |  | 999998 | GUARANTY  | LS | 1.00     |  |  |  |
| <b>TOTAL</b> |  |        |   |    |          |  |  |  |