

ENGINEER'S ESTIMATE

| WBS ELEMENT: 2.100720, 2.107420 | | | | | | | | | | | | |
|--|------|---|------|------|----------------|---------------------|----------------|---------------------|-----------------|---------------------|----------------------------|---------------------|
| DESCRIPTION: GUARDRAIL/GUIDERAIL REPAIR AND/OR INSTALLATION BEAUFORT AND PITT COUNTIES | | | | | | | | | | | | |
| BIDS OPENED: 1/14/15 | | | | | | | | | | | | |
| ITEM | SECT | DESCRIPTION | QTY | UNIT | TLC Works | | Bullington | | D.T. Read Steel | | Carolina Marine Structures | |
| | | | | | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL | UNIT PRICE | TOTAL |
| 1 | SP | EMERGENCY CALL BACK (MOBILIZATION) | 25 | EA | \$200.00 | \$5,000.00 | \$500.00 | \$12,500.00 | \$719.00 | \$17,975.00 | \$636.00 | \$15,900.00 |
| 2 | SP | IMPACT ATTENUATOR UNIT, TYPE 350 | 1 | EA | \$4,000.00 | \$4,000.00 | \$3,500.00 | \$3,500.00 | \$7,495.00 | \$7,495.00 | \$18,000.00 | \$18,000.00 |
| 3 | 862 | STEEL BEAM GUARDRAIL (WITH STEEL POSTS) | 1000 | LF | \$16.00 | \$16,000.00 | \$21.00 | \$21,000.00 | \$25.00 | \$25,000.00 | \$19.00 | \$19,000.00 |
| 4 | 862 | STEEL BEAM GUARDRAIL (WITH WOODEN POSTS) | 125 | LF | \$4.00 | \$500.00 | \$8.00 | \$1,000.00 | \$22.00 | \$2,750.00 | \$26.00 | \$3,250.00 |
| 5 | 862 | STEEL BEAM GUARDRAIL, SHOP CURVED | 100 | LF | \$10.00 | \$1,000.00 | \$28.00 | \$2,800.00 | \$29.00 | \$2,900.00 | \$26.00 | \$2,600.00 |
| 6 | 862 | STEEL BEAM GUARDRAIL (RAIL ONLY) | 1000 | LF | \$12.00 | \$12,000.00 | \$15.00 | \$15,000.00 | \$19.00 | \$19,000.00 | \$9.00 | \$9,000.00 |
| 7 | 862 | TERMINAL END SECTION | 1 | EA | \$1.00 | \$1.00 | \$25.00 | \$25.00 | \$150.00 | \$150.00 | \$1,230.00 | \$1,230.00 |
| 8 | 862 | TYPICAL END SHOE | 1 | EA | \$1.00 | \$1.00 | \$25.00 | \$25.00 | \$150.00 | \$150.00 | \$1,232.00 | \$1,232.00 |
| 9 | 862 | W-TR STEEL BM GUARDRAIL TRANSITION SECTION | 1 | EA | \$1.00 | \$1.00 | \$250.00 | \$250.00 | \$200.00 | \$200.00 | \$1,311.00 | \$1,311.00 |
| 10 | 862 | ADDITIONAL GUARDRAIL POSTS (STEEL) | 50 | EA | \$100.00 | \$5,000.00 | \$65.00 | \$3,250.00 | \$95.00 | \$4,750.00 | \$72.00 | \$3,600.00 |
| 11 | 862 | ADDITIONAL GUARDRAIL POSTS (WOOD) | 10 | EA | \$20.00 | \$200.00 | \$35.00 | \$350.00 | \$75.00 | \$750.00 | \$170.00 | \$1,700.00 |
| 12 | 862 | GUARDRAIL ANCHOR UNITS, TYPE AT-1 | 1 | EA | \$1.00 | \$1.00 | \$200.00 | \$200.00 | \$249.00 | \$249.00 | \$1,526.00 | \$1,526.00 |
| 13 | 862 | GUARDRAIL ANCHOR UNITS, TYPE CAT-1 | 1 | EA | \$400.00 | \$400.00 | \$200.00 | \$200.00 | \$529.00 | \$529.00 | \$1,796.00 | \$1,796.00 |
| 14 | SP | GUARDRAIL ANCHOR UNITS, TYPE 350 | 15 | EA | \$2,000.00 | \$30,000.00 | \$2,100.00 | \$31,500.00 | \$2,450.00 | \$36,750.00 | \$3,017.00 | \$45,255.00 |
| 15 | SP | GUARDRAIL ANCHOR UNITS, TYPE M-350 | 5 | EA | \$1,000.00 | \$5,000.00 | \$1,600.00 | \$8,000.00 | \$1,295.00 | \$6,475.00 | \$2,817.00 | \$14,085.00 |
| 16 | 862 | BUFFERED END SECTION FOR AT-1, CAT-1 | 1 | EA | \$100.00 | \$100.00 | \$100.00 | \$100.00 | \$195.00 | \$195.00 | \$1,245.00 | \$1,245.00 |
| 17 | SP | END SECTION ASSEMBLY ONLY FOR TYPE 350 | 1 | EA | \$1.00 | \$1.00 | \$1,600.00 | \$1,600.00 | \$125.00 | \$125.00 | \$2,186.00 | \$2,186.00 |
| 18 | 862 | M-350 FLARE SECTION | 1 | EA | \$1.00 | \$1.00 | \$400.00 | \$400.00 | \$1,000.00 | \$1,000.00 | \$2,099.00 | \$2,099.00 |
| 19 | 862 | TYPE III GUARDRAIL BRIDGE ANCHOR | 1 | EA | \$3,000.00 | \$3,000.00 | \$1,200.00 | \$1,200.00 | \$2,950.00 | \$2,950.00 | \$3,372.00 | \$3,372.00 |
| 20 | 862 | TYPE III MOD RAIL-RETRO FIT | 1 | EA | \$3,000.00 | \$3,000.00 | \$2,100.00 | \$2,100.00 | \$3,800.00 | \$3,800.00 | \$3,372.00 | \$3,372.00 |
| 21 | SP | REPLACE CONCRETE ANCHOR FOR CABLE GUIDERAIL | 1 | EA | \$1.00 | \$1.00 | \$2,000.00 | \$2,000.00 | \$1,900.00 | \$1,900.00 | \$1,820.00 | \$1,820.00 |
| 22 | SP | RESET CONCRETE ANCHOR FOR CABLE GUIDERAIL | 1 | EA | \$100.00 | \$100.00 | \$800.00 | \$800.00 | \$1,000.00 | \$1,000.00 | \$1,184.00 | \$1,184.00 |
| 23 | SP | RESET CABLE GUIDERAIL POST | 10 | EA | \$10.00 | \$100.00 | \$50.00 | \$500.00 | \$50.00 | \$500.00 | \$118.00 | \$1,180.00 |
| 24 | SP | CABLE GUIDERAIL POSTS | 500 | EA | \$60.00 | \$30,000.00 | \$70.00 | \$35,000.00 | \$95.00 | \$47,500.00 | \$120.00 | \$60,000.00 |
| 25 | SP | CABLE GUIDERAIL ANCHOR POSTS | 5 | EA | \$1.00 | \$5.00 | \$200.00 | \$1,000.00 | \$100.00 | \$500.00 | \$600.00 | \$3,000.00 |
| 26 | SP | CABLE GUIDERAIL CABLE POST HOOKS | 2500 | EA | \$0.01 | \$25.00 | \$0.50 | \$1,250.00 | \$2.29 | \$5,725.00 | \$1.60 | \$4,000.00 |
| 27 | SP | CABLE GUIDERAIL - RETENSION | 20 | EA | \$100.00 | \$2,000.00 | \$25.00 | \$500.00 | \$249.00 | \$4,980.00 | \$296.00 | \$5,920.00 |
| 28 | SP | CABLE GUIDERAIL - SPLICE | 5 | EA | \$25.00 | \$125.00 | \$25.00 | \$125.00 | \$65.00 | \$325.00 | \$513.00 | \$2,565.00 |
| 29 | SP | CABLE GUIDERAIL SPRING CABLE END ASSEMBLY | 1 | EA | \$100.00 | \$100.00 | \$100.00 | \$100.00 | \$1,450.00 | \$1,450.00 | \$2,799.00 | \$2,799.00 |
| 30 | SP | STEEL TURNBUCKLE CABLE END ASSEMBLY | 1 | EA | \$100.00 | \$100.00 | \$100.00 | \$100.00 | \$1,150.00 | \$1,150.00 | \$2,417.00 | \$2,417.00 |
| 31 | SP | TRAFFIC CONTROL (FULL LANE CLOSURE) | 40 | EA | \$100.00 | \$4,000.00 | \$850.00 | \$34,000.00 | \$1,295.00 | \$51,800.00 | \$1,250.00 | \$50,000.00 |
| 32 | SP | TRAFFIC CONTROL (SHOULDER CLOSURES) | 100 | EA | \$600.00 | \$60,000.00 | \$500.00 | \$50,000.00 | \$995.00 | \$99,500.00 | \$692.00 | \$69,200.00 |
| 33 | 862 | GUARDRAIL ANCHOR TYPE B-77 | 1 | EA | \$3,000.00 | \$3,000.00 | \$600.00 | \$600.00 | \$1,950.00 | \$1,950.00 | \$2,929.95 | \$2,929.95 |
| 34 | 862 | GUARDRAIL ANCHOR TYPE B-83 | 1 | EA | \$3,000.00 | \$3,000.00 | \$600.00 | \$600.00 | \$1,850.00 | \$1,850.00 | \$2,926.00 | \$2,926.00 |
| 35 | SP | DRILLING AND HARDWARE FOR ANCHOR UNIT | 1 | EA | \$200.00 | \$200.00 | \$400.00 | \$400.00 | \$481.00 | \$481.00 | \$1,263.00 | \$1,263.00 |
| | | | | | TOTAL = | \$187,962.00 | TOTAL = | \$231,975.00 | TOTAL = | \$353,804.00 | TOTAL = | \$362,962.95 |