

ENGINEER'S ESTIMATE

RIVER ROAD CHANNELIZATION AND
RIVER ACCESS PROJECT AT SUNSET BEACH

C03410

ITEM NO.	S/ F	ITEM CODE	ITEM DESCRIPTION	UNIT	QTY.
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
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
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