

## Widening the Creek Mouth Project Elements

### Cost Estimates

#### *"R" Line Degrade STA 3+75 to 9+00 Average End Area and Area Calculations*

STA	Degrade Area (SF)	Avg (SF)	Volume (CY)	Disturbed Area (ft)	Avg (ft)	Area (AC)
3+75	114			77		
6+00	164	139	1,158	94	85.5	0.4
10+00	342	253	3,748	126	110	1.0
<b>TOTAL</b>			<b>4,906</b>			<b>1.5</b>

#### *"L" Line Degrade and Setback Levee STA 14+00 to 28+00 Average End Area and Area Calculations*

STA	Degrade Area (SF)	Avg (SF)	Volume (CY)	Fill Area (SF)	Avg (SF)	Volume (CY)	Disturbed Area (ft)	Avg (ft)	Area (AC)
14+00	846			1031			190		
25+00	846	846	34,467	1031	1031	42,004	190	190	4.8
26+00	930	888	3,289	1405	1218	4,511	220	205	0.5
28+00	930	902	10,022	1405	1280	14,226	220	210	1.4
<b>TOTAL</b>			<b>47,778</b>			<b>60,741</b>			<b>6.7</b>

#### **Cost Estimate for Bay Levee Element Degrade**

Item	QTY	Unit	Unit Cost	Cost
Remove Utility Line	0	LF	\$75	\$0
Clearing and Grubbing	1.5	AC	\$5,000	\$7,259
Stripping	1.5	AC	\$4,200	\$6,097
Excavation	4,906	CY	\$8	\$39,252
Re-use Levee Fill	0	CY	\$16	\$0
Import Levee Fill	0	CY	\$42	\$0
Hydroseeding	1.5	AC	\$3,800	\$5,517
			Subtotal	\$59,000
			Contingency (10%)	\$6,000
			<b>TOTAL</b>	<b>\$65,000</b>

#### **Cost Estimate for Golf Course Levee Element Setback**

Item	QTY	Unit	Unit Cost	Cost
Remove Utility Line	900	LF	\$75	\$67,500
Clearing and Grubbing	6.7	AC	\$5,000	\$33,574
Stripping	6.7	AC	\$4,200	\$28,202
Excavation	47,778	CY	\$8	\$382,222
Re-use Levee Fill	47,778	CY	\$16	\$764,444
Import Levee Fill	15,556	Cy	\$42	\$653,333
Hydroseeding	6.7	AC	\$3,800	\$25,517
			Subtotal	\$1,955,000
			Contingency (10%)	\$196,000
			<b>TOTAL</b>	<b>\$2,151,000</b>