

BROTHERS' CONSTRUCTION, INC.
Melody Lane Emergency Seawall Repair
Cost Estimate

Concrete wall:

1	Mobilization including payment & performance bonds and insurance	1	LS	\$75,000.00	\$75,000.00
2	Erosion protection	1	LS	\$5,000.00	\$5,000.00
3	M.O.T. including temporary barrier wall and signage	1	LS	\$28,000.00	\$28,000.00
4	Concrete & compaction testing, turbidity monitoring	1	LS	\$6,500.00	\$6,500.00
5	Pre- & post-construction building surveys, vibration monitoring	1	LS	\$12,000.00	\$12,000.00
6	Demolition including disposal of existing wall cap and sidewalk	1	LS	\$88,000.00	\$88,000.00
7	Precast concrete, sheet pile (precast 7'-10" widths X 8" thick) various lengths up to 14', reinforced with #5 bars @ 6" O.C. E.W.	510	LF	\$210.00	\$107,100.00
8	Concrete king & batter piles (14 " square FDOT prestressed concrete @ 8' O.C.) 20' king pile lengths and 35' batter pile lengths including precast panel installation and driven batter piles	510	LF	\$718.00	\$366,180.00
9	Closure pour/tie-in allowance at wall terminations, pipe penetrations & wall deflections/corners	1	LS	\$5,000.00	\$5,000.00
10	Panel closures including non-shrink grout and filter fabric at concrete panel joints, geotextile fabric consist of 2' strips extending from bottom of cap to 2' below waterside mudline.	510	LF	\$45.00	\$22,950.00
11	Concrete cap reinforced with seven (8) #6 bars continuous and #4 stirrups @ 12" O.C.	510	LF	\$335.00	\$170,850.00
12	Excavation, backfill, & compaction including excavation (removal) and reinstallation of existing riprap at waterside toe of new wall	1	LS	\$73,000.00	\$73,000.00
13	Sidewalk	1	LS	\$25,000.00	\$25,000.00
14	Sod & site restoration	1	LS	\$5,000.00	\$5,000.00
15	Removal and reinstallation of existing aluminum rail	510	LS	\$10.00	\$5,100.00
				TOTAL	\$994,680.00

Temporary Sidewalk Repair:

	Remove 165 LF of sidewalk, plug holes in existing sheet pile with marine plywood including filter fabric, backfill and compact area, and pour new 4" thick sidewalk. This is a temporary repair with no guarantee and is only intended for short term use prior to new wall construction. Please be aware that the entire sidewalk along the entire 510 LF of failing is significantly undermined., ADD	1	LS	\$28,500.00	\$28,500.00
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Roadway Restoration & Contingency:

1	Milling 1-1/4" depth, ADD	1520	SY	\$6.50	\$9,880.00
2	Resurfacing 1-1/2" type III, ADD	1520	SY	\$17.00	\$25,840.00
3	Stripping (temporary & permanent), ADD	1	LS	\$5,600.00	\$5,600.00
4	Contingency allowance, ADD	1	LS	\$50,000.00	\$50,000.00

Clarifications and Exclusions:

- a. Signed and sealed engineered plans will be provided
- b. We have not included any permits or permit fees.
- c. We have not included any survey or as-built drawings.
- d. We have not included any utility modifications or relocation.
- e. We have not included excavation, removal, or disposal of any contaminated material(s) or unknown underground obstruction(s) if discovered.
- f. Quote is based on accessing and performing work from the upland side and will require, at a minimum, closure of north bound travel lanes, east parallel parking stalls and possibly both lanes at northern section with no parallel parking exist.
- g. New wall shall be installed at waterside of existing and all existing sheets will be cut-off below sidewalk elevation.
- h. Payment and Performance Bonds in the amount of 100% of contract value are included.

THIS REQUEST