

Bids for Phase 1: Bulkhead Replacement

	Anderson Marine	Arundel Marine	Lerian & Bradbury	Maguire & Sons	Shoreline Design (awarded)
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Scope: 115 ft. stone revetment - Imbrecated stone w/5' apron - 2,000# armor stone - stabilize disturbed areas - Class 300 filter fabric - drawings & permits	\$ 27,000 apron@front&side Class 2&3 armor st. incl. incl. 3,500	\$ 31,100 not incl. 300-800# armor st. incl. incl. 2,000	\$ 35,160 incl. 50-2000#Class 3 stn incl. not incl. 2,600	\$ 21,250 not incl. 1,200# riprap - hand chink incl 1,500	\$ 25,000 incl 400-2000# armor stn. - 2 layers armor incl 1,000
Total	\$ 30,500	\$ 33,100	\$ 37,760	\$ 22,750	\$ 26,000

Build new bulkhead 18" in front of existing - 30 lf @ swim area returns - 115 lf @ remaining area - 10" piling/7'OC, capped - Deadmen & tieback rod - 3" 2.5 CCA sheeting - Remove & repl stone - install filter cloth & backfill - permits	\$7,000  Advised against bulkhead at this location.	remove & repl. @ swim area \$ 25,600 44,000 incl incl incl incl 2,000	remove & repl. @ swim area \$ 14,500  Advised against bulkhead at this location.	\$ 9,000 41,375 12" pile / 5' OC incl. incl. incl. incl. 1,500	incl. \$ 95,000 incl. 2" / 1.0 CCA incl. incl.
Total:		\$ 71,600		\$ 51,875	\$ 95,000