



SHORELINE EROSION CONTROL PROJECT COSTS (estimated)

The following provides estimates of the cost to construct shoreline erosion control projects along New York's Great Lakes. These figures are based upon input from marine contractors who perform such work in that region and are given in Year 2001 dollars. These numbers are estimates based upon many different projects and are not intended to present a firm cost figure for any particular project; individual physical settings and circumstances will, necessarily, result in actual project costs being higher or lower than these estimates. Cost estimates for specific projects should be obtained directly from qualified marine contractors who have visited the project site and have discussed the project with the prospective project owner.

EROSION CONTROL STRUCTURE	COST PER FOOT OF SHORELINE PROTECTED
Concrete revetment (riprap)	\$100 - 175
Stone revetment (riprap)	\$100 - 350
Rubble mound revetment	\$800 - 1500
Gabion revetment	\$100 - 225
Interlocking block revetment	\$150 - 250
Timber bulkhead	\$150 - 300
Concrete bulkhead (cast in place)	\$150 - 600
Precast concrete bulkhead	\$150 - 275
Steel sheetpile bulkhead	\$300 - 750
Gabion bulkhead (stacked)	\$175 - 450
Concrete seawall	\$450 - 2500
Rubble mound breakwater (offshore)	\$1500 - 2800
Groin (with placed sand)	\$300 - 600
Artificially established sand beach	\$100 - 400
Slope grading and vegetation	\$75 - 250
Drainage tiling	\$10 - 20