

Table 1.1: Summary of Pilot Project Construction

Site	Project	Total Cost BDS \$	Quantities	Unit Costs	Construction Time
Heywoods	beach rock removal	384,400	135m or 2309 m ³	\$2840 per m \$166 per m ³	15 working days
Speightstown	beach nourishment	210,600	5,400 m ³	\$10 per m ³	7 weeks
Read's Bay	2 submerged-crest breakwaters	482,300	1100 m ³ armour 1620 m ² geotextile 400 m ³ gravel 3 navigation markers	\$4823 per m	12 weeks
Holetown	Aeration system	12,775	1 compressor 38 m aeration tubing	\$100 per month electricity	1 week installation
Almond Beach Club	coral rubble removal with sill	130,000 (private sector)	70 m rubble sill		2 weeks (estimate only)
Paynes Bay	berm-type revetment	273,000	160 m length or 3170 m ³ armour stone	\$1710 per m or \$86 per m ³	7 weeks
Asta-Sierra	- groyne modifications	115,300 (70,000 paid by private sector)	1 sand bag groyne 1 outfall pipe removal 2 groyne alterations		2 weeks over one year
	- coral rubble removal with sill		70 m rubble sill		2 weeks (estimate only)
Rockley	- submerged breakwater	915,000	150 m breakwater 2900 m ³ armour 1950 m ² geotextile 800 m ³ gravel 2 navigation markers	\$6100 per m length or 470 per m ³ armour	43 weeks total time 130 working days (best estimate)
	- coral rubble clearing	320,000	3200 m ³ coral rubble removal	\$100 per m ³	
	- beach nourishment (including groyne)	488,000	6500 m ³ beach nourishment	\$75 per m ³	
		<u>1,718,000</u>			