

APPENDIX O
1999 & 2003 Profiles

**Town of Palm Beach
Phipps Ocean Park - Beach Restoration**

Appendix O

This appendix contains profiles illustrating existing natural rock on the surface, below the surface of the beach, and below the waterline within the Project Area. The rock location and elevation were surveyed at each reference monument and half monument between DEP Monuments R-116 and R-126.

The profile exhibits in this appendix show:

- the 1999 beach profile as surveyed by Morgan & Eklund,
- the 2003 beach profile as surveyed by Morgan & Eklund,
- rock or hardbottom that was exposed in 1999 below Mean High Water as mapped and field verified by Continental Shelf Associates,
- rock as surveyed by Morgan and Eklund in November 2003.

The rock survey data was used to refine the numerical GENESIS model used in the analysis of alternatives. In addition, the rock data was used in cross-shore numerical SBEACH modeling employed to refine the risk of erosion induced storm damage for the “No Action” Alternative and for the Applicant’s Preferred Alternative.