

Section 5.0 – Engineering Methods

Table 14—Summary of Coastal Analyses

Transect			Stillwater Elevations in feet NAVD 88				Wave Runup Analysis	Wave Height Analysis	Primary Frontal Dune Identified
No.	Location	Flooding Source	10% Annual Chance	2% Annual Chance	1% Annual Chance	0.2% Annual Chance	Zone Designation and BFE in feet NAVD 88	Zone Designation and BFE in feet NAVD 88 ¹	
32	Approximately 3,200 feet east of the intersection of NC130 with Ocean Boulevard	Atlantic Ocean	6.1	9.8	13.9*	15.0	N/A	VE 16-22 AE 14-16	No
32A	Approximately 825 feet east of the intersection of Iron Age Street with Ocean Boulevard East	Atlantic Ocean	6.1	9.8	13.9*	15.0	N/A	VE 16-22 AE 14-16	No
33	Approximately 1,850 feet east of the intersection of Dunescape Drive and Ocean Boulevard East	Atlantic Ocean	6.1	9.8	13.9*	15.0	N/A	VE 16-22 AE 14-16	Yes
34	From the Atlantic coastline, about 400 feet west of 54th Place West, extending north across Big Davis Canal.	Atlantic Ocean	5.8	9.7	13.9*	14.9	N/A	VE 14-22 AE 15	N/A
35	From the Atlantic coastline, about 225 feet east of 51st Place West, extending north across Big Davis Canal.	Atlantic Ocean	5.8	9.7	13.9*	14.9	N/A	VE 14-22 AE 12-16	N/A

REVISED DATA

**REVISED TO REFLECT
LOMR EFFECTIVE: January 30, 2008**