

Appendix 12C-3 Table of Storm Tide Description of Virginia Coast

**VIRGINIA DEPARTMENT OF TRANSPORTATION
Table of Storm Tide Description of Virginia Coast**

DERIVED CHARACTERISTICS	STORM TIDE DESCRIPTION			
	500-Year (P-0.002)	100-Year (P-0.01)	50-Year (P-0.075)	10- Year (P-0.1)
Suitable R/V Probability	p-0.50	p-0.12	p-0.075	p-0.05
Part A – General Values for Virginia Tidal Waters				
Correspondence R/V Value	2 hr	1 hr	0.8 hr	0.7 hr
Tide Duration, D – 10 R/V	20 hr	10 hr	8 hr	7 hr
Part B – Specific Example for Hampton Roads				
Storm Tide Elevation, E	11.2 ft	8.8 ft	7.8 ft	5.8 ft
E/D, ft/hr	0.56	0.88	0.97	0.83