

Elevating Pumpkin Harbor Road
 Alternatives Matrix
 11/3/2016

Alternative	Level to Elevate Pumpkin Harbor Road	Average Fill Depth (feet)	Fill Volume (Cubic Yards)	Reduce Flood and Erosion Risk to Road	No Adverse Impacts	Comparative Implementation Cost	Comparative Maintenance Cost	Preferred
1	1 foot above 10-year flood level	1.7	10,738	+	+	Low	High	
2	1 foot above 25-year flood level	2.4	17,125	+	+	Moderate	Moderate	YES
3a	50-year flood level	2.8	20,679	+	O	Moderate	Moderate	
3	1 foot above 50-year flood level	3.4	25,561	O	-	Moderate	Moderate	
4	100-year flood level	4.4	30,925	O	-	High	Low	

KEY: ++ = best; + = good; o = moderate; - = poor