

Table 1: Fairhaven Quiet Zone - Alternative Comparison Table						
Alt.	Description	Effect on Train Horn	Estimated Cost	FRA Risk Index w/horns	FRA Quiet Zone Risk Index	Qualified
1	4 Quad Gates - Harris Avenue	Eliminated	\$688,780	24,696.87	5,680.28	
	4 Quad Gates - Alaskan Ferry Access Rd	Eliminated	\$555,874	13,704.00	3,151.92	
	Signs/X-bucks - Private Port	Eliminated	\$3,561	Not evaluated	Not evaluated	
*	4 Quad Gates - Bayview Drive	Eliminated	\$552,171	9,492.33	2,183.24	
	Ped. Gates - Boulevard Park Ped. Xing	Eliminated	\$379,823	Not evaluated	Not evaluated	
	Total Cost and Risk	Eliminated	\$2,180,209	9,570.98	3,671.00	Yes
2	4 Quad Gates - Harris Avenue	Eliminated	\$688,780	24,696.87	5,680.28	
	4 Quad Gates - Alaskan Ferry Access Rd	Eliminated	\$555,874	13,704.00	3,151.92	
	Signs/X-bucks - Private Port	Eliminated	\$3,561	Not evaluated	Not evaluated	
	4 Quad Gates - Bayview Drive	Eliminated	\$552,171	9,492.33	2,183.00	
	Signs - Boulevard Park Ped. Xing	Eliminated	\$986	Not evaluated	Not evaluated	
	Total Cost and Risk	Eliminated	\$1,801,372	9,570.98	3,671.00	Yes
3	4 Quad Gates - Harris Avenue	Eliminated	\$688,780	24,696.87	5,680.28	
	4 Quad Gates - Alaskan Ferry Access Rd	Eliminated	\$555,874	13,704.00	3,151.92	
	Signs/X-bucks - Private Port	Eliminated	\$3,561	Not evaluated	Not evaluated	
	Wayside Horns - Bayview Drive	Eliminated	\$197,423	9,492.33	9,492.33	
	Signs - Boulevard Park Ped. Xing	Eliminated	\$986	Not evaluated	Not evaluated	
	Total Cost and Risk	Eliminated	\$1,446,624	9,570.98	6,108.00	Yes
4	4 Quad Gates - Harris Avenue	Eliminated	\$688,780	24,696.87	5,680.28	
	4 Quad Gates - Alaskan Ferry Access Rd	Eliminated	\$555,874	13,704.00	3,151.92	
	Signs/X-bucks - Private Port	Eliminated	\$3,561	Not evaluated	Not evaluated	
**	4 Quad Gates - Bayview Drive	Eliminated	\$710,452	9,492.33	2,183.00	
	Ped. Gates - Boulevard Park Ped. Xing	Eliminated	\$453,488	Not evaluated	Not evaluated	
	Total Cost and Risk	Eliminated	\$2,412,155	9,570.98	3,671.81	Yes
5	4 Quad Gates - Harris Avenue	Eliminated	\$688,780	24,696.87	5,680.28	
	4 Quad Gates - Alaskan Ferry Access Rd	Eliminated	\$555,874	13,704.00	3,151.92	
	Signs/X-bucks - Private Port	Eliminated	\$3,561	Not evaluated	Not evaluated	
***	Close - Bayview Drive	Eliminated	\$7,007	9,492.33	0	
***	Close - Boulevard Park Ped. Xing	Eliminated	\$2,962	Not evaluated	Not evaluated	
	Total Cost and Risk	Eliminated	\$1,258,184	9,570.98	2,944.07	Yes

Assumption:

Estimate is in 2012 dollars

- * Bayview Drive is now recognized as a public crossing and is now evaluated by the FRA for the Quiet Zone.
- ** Siding to be extended across the Bayview Drive and Boulevard Park Pedestrian crossings.
- *** Bayview Drive and Boulevard Park Pedestrian crossings to be grade separated.