

Pre-Rule Quiet Zone Anticipated Safety Benefits
 CONSTANT COLLISION RATE

Termination of Whistle Bans								
Value of Reduction in:								
	Injuries	Fatalities	Total		Fewer Collisions	Fewer Injuries	Fewer Fatalities	
Year 1	\$0	\$0	\$0	Year 1	-	-	-	
Year 2	\$0	\$0	\$0	Year 2	-	-	-	
Year 3	\$0	\$0	\$0	Year 3	-	-	-	
Year 4	\$33,069	\$7,439	\$40,508	Year 4	0.03	0.01	0.00	
Year 5	\$33,069	\$14,878	\$47,947	Year 5	0.03	0.01	0.00	
Year 6	\$33,069	\$22,317	\$55,386	Year 6	0.03	0.02	0.01	
Year 7	\$33,069	\$22,317	\$55,386	Year 7	0.03	0.02	0.01	
Year 8	\$33,069	\$22,317	\$55,386	Year 8	0.03	0.02	0.01	
Year 9	\$33,069	\$22,317	\$55,386	Year 9	0.03	0.02	0.01	
Year 10	\$33,069	\$22,317	\$55,386	Year 10	0.03	0.02	0.01	
Year 11	\$33,069	\$22,317	\$55,386	Year 11	0.03	0.02	0.01	
Year 12	\$33,069	\$22,317	\$55,386	Year 12	0.03	0.02	0.01	
Year 13	\$33,069	\$22,317	\$55,386	Year 13	0.03	0.02	0.01	
Year 14	\$33,069	\$22,317	\$55,386	Year 14	0.03	0.02	0.01	
Year 15	\$33,069	\$22,317	\$55,386	Year 15	0.03	0.02	0.01	
Year 16	\$33,069	\$22,317	\$55,386	Year 16	0.03	0.02	0.01	
Year 17	\$33,069	\$22,317	\$55,386	Year 17	0.03	0.02	0.01	
Year 18	\$33,069	\$22,317	\$55,386	Year 18	0.03	0.02	0.01	
Year 19	\$33,069	\$22,317	\$55,386	Year 19	0.03	0.02	0.01	
Year 20	\$33,069	\$22,317	\$55,386	Year 20	0.03	0.02	0.01	
NPV - 20	\$263,551	\$161,208	\$424,759	Total	0.56	0.27	0.12	

Pre-Rule Quiet Zone Anticipated Safety Benefits

Assuming a declining collision rate of 4% annually.

	Value of Reduction in:			4% decline	Fewer Collisions	Fewer Injuries	Fewer Fatalities
	Injuries	Fatalities	Total				
Year 1	\$0	\$0	\$0	\$1	-	-	-
Year 2	\$0	\$0	\$0	\$0.96	-	-	-
Year 3	\$0	\$0	\$0	\$0.92	-	-	-
Year 4	\$29,257	\$6,582	\$35,839	\$0.88	0.03	0.00	0.00
Year 5	\$28,087	\$12,637	\$40,724	\$0.85	0.03	0.01	0.00
Year 6	\$26,964	\$18,197	\$45,161	\$0.82	0.03	0.01	0.01
Year 7	\$25,885	\$17,469	\$43,354	\$0.78	0.03	0.01	0.01
Year 8	\$24,850	\$16,770	\$41,620	\$0.75	0.02	0.01	0.01
Year 9	\$23,856	\$16,099	\$39,955	\$0.72	0.02	0.01	0.01
Year 10	\$22,902	\$15,455	\$38,357	\$0.69	0.02	0.01	0.01
Year 11	\$21,985	\$14,837	\$36,823	\$0.66	0.02	0.01	0.00
Year 12	\$21,106	\$14,244	\$35,350	\$0.64	0.02	0.01	0.00
Year 13	\$20,262	\$13,674	\$33,936	\$0.61	0.02	0.01	0.00
Year 14	\$19,451	\$13,127	\$32,578	\$0.59	0.02	0.01	0.00
Year 15	\$18,673	\$12,602	\$31,275	\$0.56	0.02	0.01	0.00
Year 16	\$17,926	\$12,098	\$30,024	\$0.54	0.02	0.01	0.00
Year 17	\$17,209	\$11,614	\$28,823	\$0.52	0.02	0.01	0.00
Year 18	\$16,521	\$11,149	\$27,670	\$0.50	0.02	0.01	0.00
Year 19	\$15,860	\$10,703	\$26,564	\$0.48	0.02	0.01	0.00
Year 20	\$15,226	\$10,275	\$25,501	\$0.46	0.02	0.01	0.00
NPV - 20	\$182,778	\$108,804	\$291,582		0.37	0.17	0.08

Pre-Rule Quiet Zone Anticipated Safety Benefits

CONSTANT COLLISION RATE

Quiet Zones with Corridor Crossing Severity Index Greater Than the National Significant Risk Threshold and One or More Collisions in 5 Years							
	Value of Reduction in:				Fewer Collisions	Fewer Injuries	Fewer Fatalities
	Injuries	Fatalities	Total				
Year 1	0	0	\$0	Year 1	-	-	-
Year 2	\$190,052	\$128,196	\$318,248	Year 2	0.19	0.10	0.04
Year 3	\$380,105	\$256,392	\$636,497	Year 3	0.38	0.19	0.09
Year 4	\$570,157	\$384,588	\$954,745	Year 4	0.57	0.29	0.13
Year 5	\$760,210	\$512,784	\$1,272,994	Year 5	0.76	0.38	0.17
Year 6	\$950,262	\$640,980	\$1,591,242	Year 6	0.94	0.48	0.21
Year 7	\$1,140,315	\$769,176	\$1,909,490	Year 7	1.13	0.58	0.26
Year 8	\$1,330,367	\$897,372	\$2,227,739	Year 8	1.32	0.67	0.30
Year 9	\$1,330,367	\$897,372	\$2,227,739	Year 9	1.32	0.67	0.30
Year 10	\$1,330,367	\$897,372	\$2,227,739	Year 10	1.32	0.67	0.30
Year 11	\$1,330,367	\$897,372	\$2,227,739	Year 11	1.32	0.67	0.30
Year 12	\$1,330,367	\$897,372	\$2,227,739	Year 12	1.32	0.67	0.30
Year 13	\$1,330,367	\$897,372	\$2,227,739	Year 13	1.32	0.67	0.30
Year 14	\$1,330,367	\$897,372	\$2,227,739	Year 14	1.32	0.67	0.30
Year 15	\$1,330,367	\$897,372	\$2,227,739	Year 15	1.32	0.67	0.30
Year 16	\$1,330,367	\$897,372	\$2,227,739	Year 16	1.32	0.67	0.30
Year 17	\$1,330,367	\$897,372	\$2,227,739	Year 17	1.32	0.67	0.30
Year 18	\$1,330,367	\$897,372	\$2,227,739	Year 18	1.32	0.67	0.30
Year 19	\$1,330,367	\$897,372	\$2,227,739	Year 19	1.32	0.67	0.30
Year 20	\$1,330,367	\$897,372	\$2,227,739	Year 20	1.32	0.67	0.30
NPV - 20	\$9,720,792	\$6,556,959	\$16,277,752	Total	21.15	10.76	4.79

Assuming a declining collision rate of 4% annually.

Pre-Rule Quiet Zone Anticipated Safety Benefits

Quiet Zones with Corridor Crossing Severity Index Greater Than the National Significant Risk Threshold and One or More Collisions in 5 Years

	Value of Reduction in:				Fewer	Fewer	Fewer
	Injuries	Fatalities	Total		Collisions	Injuries	Fatalities
Year 1	\$0	\$0	\$0	Year 1	-	-	-
Year 2	\$182,450	\$123,068	\$305,518	Year 2	0.18	0.09	0.04
Year 3	\$350,305	\$236,291	\$586,595	Year 3	0.35	0.18	0.08
Year 4	\$504,439	\$340,259	\$844,697	Year 4	0.50	0.25	0.11
Year 5	\$645,682	\$435,531	\$1,081,213	Year 5	0.64	0.33	0.15
Year 6	\$774,818	\$522,637	\$1,297,455	Year 6	0.77	0.39	0.17
Year 7	\$892,590	\$602,078	\$1,494,668	Year 7	0.89	0.45	0.20
Year 8	\$999,701	\$674,328	\$1,674,029	Year 8	0.99	0.51	0.22
Year 9	\$959,713	\$647,355	\$1,607,067	Year 9	0.95	0.49	0.22
Year 10	\$921,324	\$621,460	\$1,542,785	Year 10	0.92	0.47	0.21
Year 11	\$884,471	\$596,602	\$1,481,073	Year 11	0.88	0.45	0.20
Year 12	\$849,093	\$572,738	\$1,421,830	Year 12	0.84	0.43	0.19
Year 13	\$815,129	\$549,828	\$1,364,957	Year 13	0.81	0.41	0.18
Year 14	\$782,524	\$527,835	\$1,310,359	Year 14	0.78	0.40	0.18
Year 15	\$751,223	\$506,722	\$1,257,945	Year 15	0.75	0.38	0.17
Year 16	\$721,174	\$486,453	\$1,207,627	Year 16	0.72	0.36	0.16
Year 17	\$692,327	\$466,995	\$1,159,322	Year 17	0.69	0.35	0.16
Year 18	\$664,634	\$448,315	\$1,112,949	Year 18	0.66	0.34	0.15
Year 19	\$638,048	\$430,382	\$1,068,431	Year 19	0.63	0.32	0.14
Year 20	\$612,527	\$413,167	\$1,025,694	Year 20	0.61	0.31	0.14
NPV - 20	\$6,640,904	\$4,479,484	\$11,120,388	Total	13.55	6.90	3.07

Pre-Rule Quiet Zone Anticipated Safety Benefits**CONSTANT COLLISION RATE**

Corridor Crossing Seveity Index Greater Than Two Times the National Significant Risk Threshold and No Collisions in 5 Years								
	Value of Reduction in:				Fewer	Fewer	Fewer	
	Injuries	Fatalities	Total		Collisions	Injuries	Fatalities	
Year 1	\$0	\$0	\$0	Year 1	-	-	-	
Year 2	\$165,346	\$111,587	\$276,932	Year 2	0.17	0.08	0.04	
Year 3	\$330,691	\$223,173	\$553,865	Year 3	0.33	0.17	0.07	
Year 4	\$496,037	\$334,760	\$830,797	Year 4	0.50	0.25	0.11	
Year 5	\$661,383	\$446,346	\$1,107,729	Year 5	0.66	0.34	0.15	
Year 6	\$826,728	\$557,933	\$1,384,661	Year 6	0.83	0.42	0.19	
Year 7	\$992,074	\$669,519	\$1,661,594	Year 7	1.00	0.50	0.22	
Year 8	\$1,157,420	\$781,106	\$1,938,526	Year 8	1.16	0.59	0.26	
Year 9	\$1,157,420	\$781,106	\$1,938,526	Year 9	1.16	0.59	0.26	
Year 10	\$1,157,420	\$781,106	\$1,938,526	Year 10	1.16	0.59	0.26	
Year 11	\$1,157,420	\$781,106	\$1,938,526	Year 11	1.16	0.59	0.26	
Year 12	\$1,157,420	\$781,106	\$1,938,526	Year 12	1.16	0.59	0.26	
Year 13	\$1,157,420	\$781,106	\$1,938,526	Year 13	1.16	0.59	0.26	
Year 14	\$1,157,420	\$781,106	\$1,938,526	Year 14	1.16	0.59	0.26	
Year 15	\$1,157,420	\$781,106	\$1,938,526	Year 15	1.16	0.59	0.26	
Year 16	\$1,157,420	\$781,106	\$1,938,526	Year 16	1.16	0.59	0.26	
Year 17	\$1,157,420	\$781,106	\$1,938,526	Year 17	1.16	0.59	0.26	
Year 18	\$1,157,420	\$781,106	\$1,938,526	Year 18	1.16	0.59	0.26	
Year 19	\$1,157,420	\$781,106	\$1,938,526	Year 19	1.16	0.59	0.26	
Year 20	\$1,157,420	\$781,106	\$1,938,526	Year 20	1.16	0.59	0.26	
NPV - 20	\$8,457,092	\$5,707,424	\$14,164,517	Total	18.59	9.38	4.17	

Pre-Rule Quiet Zone Anticipated Safety Benefits

Assuming a declining collision rate of 4% annually.

Corridor Crossing Severity Index Greater Than Two Times the National Significant Risk Threshold and No Collisions in 5 Years								
	Value of Reduction in:				Fewer	Fewer	Fewer	
	Injuries	Fatalities	Total		Collisions	Injuries	Fatalities	
Year 1	\$0	\$0	\$0	Year 1	-	-	-	
Year 2	\$158,732	\$107,123	\$265,855	Year 2	0.16	0.08	0.04	
Year 3	\$304,765	\$205,676	\$510,442	Year 3	0.31	0.15	0.07	
Year 4	\$438,862	\$296,174	\$735,036	Year 4	0.44	0.22	0.10	
Year 5	\$561,743	\$379,103	\$940,846	Year 5	0.56	0.28	0.13	
Year 6	\$674,092	\$454,923	\$1,129,015	Year 6	0.68	0.34	0.15	
Year 7	\$776,554	\$524,072	\$1,300,625	Year 7	0.78	0.39	0.17	
Year 8	\$869,740	\$586,960	\$1,456,700	Year 8	0.87	0.44	0.20	
Year 9	\$834,951	\$563,482	\$1,398,432	Year 9	0.84	0.42	0.19	
Year 10	\$801,553	\$540,942	\$1,342,495	Year 10	0.80	0.41	0.18	
Year 11	\$769,490	\$519,305	\$1,288,795	Year 11	0.77	0.39	0.17	
Year 12	\$738,711	\$498,533	\$1,237,243	Year 12	0.74	0.37	0.17	
Year 13	\$709,162	\$478,591	\$1,187,754	Year 13	0.71	0.36	0.16	
Year 14	\$680,796	\$459,448	\$1,140,244	Year 14	0.68	0.34	0.15	
Year 15	\$653,564	\$441,070	\$1,094,634	Year 15	0.66	0.33	0.15	
Year 16	\$627,421	\$423,427	\$1,050,848	Year 16	0.63	0.32	0.14	
Year 17	\$602,325	\$406,490	\$1,008,814	Year 17	0.60	0.31	0.14	
Year 18	\$578,232	\$390,230	\$968,462	Year 18	0.58	0.29	0.13	
Year 19	\$555,102	\$374,621	\$929,723	Year 19	0.56	0.28	0.12	
Year 20	\$532,898	\$359,636	\$892,535	Year 20	0.53	0.27	0.12	
NPV - 20	\$5,777,588	\$3,899,112	\$9,676,700	Total	11.91	6.01	2.67	

Pre-Rule Quiet Zone Anticipated Safety Benefits
CONSTANT COLLISION RATE

Corridor Crossing Seveity Index Greater Between One and Two Times the National Significant Risk Threshold and No Collisions in 5 Years							
	Value of Reduction in:				Fewer	Fewer	Fewer
	Injuries	Fatalities	Total		Collisions	Injuries	Fatalities
Year 1	\$0	\$0	\$0	Year 1	-	-	-
Year 2	\$0	\$0	\$0	Year 2	-	-	-
Year 3	\$0	\$0	\$0	Year 3	-	-	-
Year 4	\$0	\$0	\$0	Year 4	-	-	-
Year 5	\$54,752	\$37,011	\$91,764	Year 5	0.06	0.03	0.01
Year 6	\$120,455	\$81,425	\$201,880	Year 6	0.12	0.06	0.03
Year 7	\$186,157	\$125,839	\$311,996	Year 7	0.19	0.10	0.04
Year 8	\$197,108	\$133,241	\$330,349	Year 8	0.20	0.10	0.04
Year 9	\$208,058	\$140,643	\$348,702	Year 9	0.22	0.11	0.05
Year 10	\$219,009	\$148,046	\$367,054	Year 10	0.23	0.11	0.05
Year 11	\$229,959	\$155,448	\$385,407	Year 11	0.24	0.12	0.05
Year 12	\$229,959	\$155,448	\$385,407	Year 12	0.24	0.12	0.05
Year 13	\$229,959	\$155,448	\$385,407	Year 13	0.24	0.12	0.05
Year 14	\$229,959	\$155,448	\$385,407	Year 14	0.24	0.12	0.05
Year 15	\$229,959	\$155,448	\$385,407	Year 15	0.24	0.12	0.05
Year 16	\$251,860	\$170,252	\$422,113	Year 16	0.26	0.13	0.06
Year 17	\$273,761	\$185,057	\$458,818	Year 17	0.28	0.14	0.06
Year 18	\$295,662	\$199,862	\$495,523	Year 18	0.31	0.15	0.07
Year 19	\$295,662	\$199,862	\$495,523	Year 19	0.31	0.15	0.07
Year 20	\$295,662	\$199,862	\$495,523	Year 20	0.31	0.15	0.07
NPV - 20	\$1,471,377	\$994,622	\$2,465,999	Total	3.68	1.81	0.80

Pre-Rule Quiet Zone Anticipated Safety Benefits

Assuming a declining collision rate of 4% annually.

Corridor Crossing Seveity Index Greater Between One and Two Times the National Significant Risk Threshold and No Collisions in 5 Years								
	Value of Reduction in:				Fewer Collisions	Fewer Injuries	Fewer Fatalities	
	Injuries	Fatalities	Total					
Year 1	\$0	\$0	\$0	Year 1	-	-	-	-
Year 2	\$0	\$0	\$0	Year 2	-	-	-	-
Year 3	\$0	\$0	\$0	Year 3	-	-	-	-
Year 4	\$0	\$0	\$0	Year 4	-	-	-	-
Year 5	\$46,504	\$31,436	\$77,939	Year 5	0.05	0.02	0.01	
Year 6	\$98,216	\$66,392	\$164,607	Year 6	0.10	0.05	0.02	
Year 7	\$145,716	\$98,501	\$244,217	Year 7	0.15	0.07	0.03	
Year 8	\$148,116	\$100,124	\$248,240	Year 8	0.15	0.08	0.03	
Year 9	\$150,091	\$101,459	\$251,550	Year 9	0.16	0.08	0.03	
Year 10	\$151,671	\$102,527	\$254,198	Year 10	0.16	0.08	0.03	
Year 11	\$152,884	\$103,347	\$256,231	Year 11	0.16	0.08	0.03	
Year 12	\$146,769	\$99,213	\$245,982	Year 12	0.15	0.07	0.03	
Year 13	\$140,898	\$95,244	\$236,143	Year 13	0.15	0.07	0.03	
Year 14	\$135,262	\$91,435	\$226,697	Year 14	0.14	0.07	0.03	
Year 15	\$129,852	\$87,777	\$217,629	Year 15	0.13	0.07	0.03	
Year 16	\$136,530	\$92,292	\$228,821	Year 16	0.14	0.07	0.03	
Year 17	\$142,466	\$96,304	\$238,770	Year 17	0.15	0.07	0.03	
Year 18	\$147,709	\$99,848	\$247,557	Year 18	0.15	0.08	0.03	
Year 19	\$141,800	\$95,854	\$237,655	Year 19	0.15	0.07	0.03	
Year 20	\$136,128	\$92,020	\$228,149	Year 20	0.14	0.07	0.03	
NPV - 20	\$939,521	\$635,097	\$1,574,618	Total	2.23	1.10	0.48	

Pre-Rule Quiet Zone Anticipated Safety Benefits
 CONSTANT COLLISION RATE

Termination of Whistle Bans								
	Value of Reduction in:					Fewer	Fewer	Fewer
	Injuries	Fatalities	Total	cancellations		Collisions	Injuries	Fatalities
Year 1	\$0	\$0	\$0	0	Year 1	-	-	-
Year 2	\$0	\$0	\$0	0	Year 2	-	-	-
Year 3	\$0	\$0	\$0	0	Year 3	-	-	-
Year 4	\$883,280	\$148,320	\$1,031,600	8	Year 4	3.23	0.76	0.05
Year 5	\$883,280	\$148,320	\$1,031,600	0	Year 5	3.23	0.76	0.05
Year 6	\$883,280	\$148,320	\$1,031,600	0	Year 6	3.23	0.76	0.05
Year 7	\$883,280	\$148,320	\$1,031,600	3	Year 7	3.23	0.76	0.05
Year 8	\$883,280	\$148,320	\$1,031,600	0	Year 8	3.23	0.76	0.05
Year 9	\$883,280	\$148,320	\$1,031,600	0	Year 9	3.23	0.76	0.05
Year 10	\$883,280	\$148,320	\$1,031,600	0	Year 10	3.23	0.76	0.05
Year 11	\$927,827	\$148,320	\$1,076,147	0	Year 11	3.31	0.80	0.05
Year 12	\$927,827	\$148,320	\$1,076,147	0	Year 12	3.31	0.80	0.05
Year 13	\$927,827	\$148,320	\$1,076,147	3	Year 13	3.31	0.80	0.05
Year 14	\$927,827	\$148,320	\$1,076,147	0	Year 14	3.31	0.80	0.05
Year 15	\$980,513	\$185,400	\$1,165,913	2	Year 15	3.51	0.84	0.06
Year 16	\$927,827	\$148,320	\$1,076,147	0	Year 16	3.51	0.84	0.06
Year 17	\$927,827	\$148,320	\$1,076,147	0	Year 17	3.51	0.84	0.06
Year 18	\$927,827	\$148,320	\$1,076,147	0	Year 18	3.51	0.84	0.06
Year 19	\$927,827	\$148,320	\$1,076,147	0	Year 19	3.51	0.84	0.06
Year 20	\$927,827	\$148,320	\$1,076,147	0	Year 20	3.51	0.84	0.06
NPV - 20	\$7,217,624	\$1,195,505	\$8,413,129	16	Total	56.97	13.52	0.91

Assuming a declining collision rate of 4% annually.

Termination of Whistle Bans								
	Value of Reduction in:				Fewer	Fewer	Fewer	
	Injuries	Fatalities	Total		Collisions	Injuries	Fatalities	
Year 1	\$0	\$0	\$0	Year 1	-	-	-	
Year 2	\$0	\$0	\$0	Year 2	-	-	-	
Year 3	\$0	\$0	\$0	Year 3	-	-	-	
Year 4	\$781,470	\$131,224	\$912,694	Year 4	2.86	0.67	0.04	
Year 5	\$750,211	\$125,975	\$876,186	Year 5	2.75	0.64	0.04	
Year 6	\$720,203	\$120,936	\$841,139	Year 6	2.64	0.62	0.04	
Year 7	\$691,395	\$116,099	\$807,493	Year 7	2.53	0.59	0.04	
Year 8	\$663,739	\$111,455	\$775,194	Year 8	2.43	0.57	0.04	
Year 9	\$637,189	\$106,997	\$744,186	Year 9	2.33	0.55	0.04	
Year 10	\$611,702	\$102,717	\$714,418	Year 10	2.24	0.52	0.03	
Year 11	\$616,849	\$98,608	\$715,457	Year 11	2.20	0.53	0.03	
Year 12	\$592,175	\$94,664	\$686,839	Year 12	2.11	0.51	0.03	
Year 13	\$568,488	\$90,877	\$659,365	Year 13	2.03	0.49	0.03	
Year 14	\$545,749	\$87,242	\$632,991	Year 14	1.95	0.47	0.03	
Year 15	\$553,670	\$104,690	\$658,360	Year 15	1.98	0.47	0.03	
Year 16	\$502,962	\$80,402	\$583,364	Year 16	1.90	0.46	0.03	
Year 17	\$482,844	\$77,186	\$560,030	Year 17	1.83	0.44	0.03	
Year 18	\$463,530	\$74,099	\$537,629	Year 18	1.76	0.42	0.03	
Year 19	\$444,989	\$71,135	\$516,123	Year 19	1.69	0.40	0.03	
Year 20	\$427,189	\$68,289	\$495,479	Year 20	1.62	0.39	0.03	
NPV - 20	\$4,983,414	\$827,376	\$5,810,789	Total	36.85	8.73	0.59	

CONSTANT COLLISION RATE
Pre-Rule Quiet Zone Anticipated Safety Benefits

Corridor Crossing Seveity Index Greater Than National Significant Risk Threshold and Relevant Collisions								
	Value of Reduction in:				Fewer	Fewer	Fewer	
	Injuries	Fatalities	Total		Collisions	Injuries	Fatalities	
Year 1	\$0	\$0	\$0	Year 1	-	-	-	
Year 2	\$441,681	\$102,556	\$544,237	Year 2	0.64	0.25	0.03	
Year 3	\$883,362	\$205,113	\$1,088,475	Year 3	0.80	0.33	0.07	
Year 4	\$1,325,043	\$307,669	\$1,632,712	Year 4	0.97	0.42	0.11	
Year 5	\$1,766,724	\$410,226	\$2,176,950	Year 5	1.13	0.50	0.15	
Year 6	\$2,208,405	\$512,782	\$2,721,187	Year 6	1.30	0.58	0.18	
Year 7	\$2,650,085	\$615,339	\$3,265,424	Year 7	1.46	0.67	0.22	
Year 8	\$3,091,766	\$717,895	\$3,809,662	Year 8	1.63	0.75	0.26	
Year 9	\$3,091,766	\$717,895	\$3,809,662	Year 9	1.63	0.75	0.26	
Year 10	\$3,091,766	\$717,895	\$3,809,662	Year 10	1.63	0.75	0.26	
Year 11	\$3,091,766	\$717,895	\$3,809,662	Year 11	1.63	0.75	0.26	
Year 12	\$3,091,766	\$717,895	\$3,809,662	Year 12	1.63	0.75	0.26	
Year 13	\$3,091,766	\$717,895	\$3,809,662	Year 13	1.63	0.75	0.26	
Year 14	\$3,091,766	\$717,895	\$3,809,662	Year 14	1.63	0.75	0.26	
Year 15	\$3,091,766	\$717,895	\$3,809,662	Year 15	1.63	0.75	0.26	
Year 16	\$3,091,766	\$717,895	\$3,809,662	Year 16	1.63	0.75	0.26	
Year 17	\$3,091,766	\$717,895	\$3,809,662	Year 17	1.63	0.75	0.26	
Year 18	\$3,091,766	\$717,895	\$3,809,662	Year 18	1.63	0.75	0.26	
Year 19	\$3,091,766	\$717,895	\$3,809,662	Year 19	1.63	0.75	0.26	
Year 20	\$3,091,766	\$717,895	\$3,809,662	Year 20	1.63	0.75	0.26	
NPV - 20	\$22,591,072	\$5,245,554	\$27,836,627	Total	27.50	12.53	4.11	

Assuming a declining collision rate of 4% annually.

**Pre-Rule Quiet Zone Anticipated Safety Benefits
Corridor Crossing Seveity Index Greater Than
National Significant Risk Threshold and Relevant Collisions**

	Value of Reduction in:				Fewer	Fewer	Fewer
	Injuries	Fatalities	Total		Collisions	Injuries	Fatalities
Year 1	\$0	\$0	\$0	Year 1	-	-	-
Year 2	\$424,014	\$98,454	\$522,468	Year 2	0.61	0.24	0.03
Year 3	\$814,106	\$189,032	\$1,003,138	Year 3	0.74	0.31	0.07
Year 4	\$1,172,313	\$272,206	\$1,444,519	Year 4	0.86	0.37	0.10
Year 5	\$1,500,561	\$348,424	\$1,848,985	Year 5	0.96	0.43	0.12
Year 6	\$1,800,673	\$418,109	\$2,218,782	Year 6	1.06	0.48	0.15
Year 7	\$2,074,375	\$481,661	\$2,556,036	Year 7	1.15	0.52	0.17
Year 8	\$2,323,300	\$539,461	\$2,862,761	Year 8	1.23	0.56	0.19
Year 9	\$2,230,368	\$517,882	\$2,748,250	Year 9	1.18	0.54	0.19
Year 10	\$2,141,153	\$497,167	\$2,638,320	Year 10	1.13	0.52	0.18
Year 11	\$2,055,507	\$477,280	\$2,532,788	Year 11	1.08	0.50	0.17
Year 12	\$1,973,287	\$458,189	\$2,431,476	Year 12	1.04	0.48	0.16
Year 13	\$1,894,355	\$439,862	\$2,334,217	Year 13	1.00	0.46	0.16
Year 14	\$1,818,581	\$422,267	\$2,240,848	Year 14	0.96	0.44	0.15
Year 15	\$1,745,838	\$405,376	\$2,151,214	Year 15	0.92	0.42	0.15
Year 16	\$1,676,004	\$389,161	\$2,065,166	Year 16	0.88	0.41	0.14
Year 17	\$1,608,964	\$373,595	\$1,982,559	Year 17	0.85	0.39	0.13
Year 18	\$1,544,606	\$358,651	\$1,903,257	Year 18	0.81	0.38	0.13
Year 19	\$1,482,821	\$344,305	\$1,827,127	Year 19	0.78	0.36	0.12
Year 20	\$1,423,509	\$330,533	\$1,754,041	Year 20	0.75	0.35	0.12
NPV - 20	\$15,433,427	\$3,583,578	\$19,017,005	Total	17.99	8.16	2.63

CONSTANT COLLISION RATE

Pre-Rule Quiet Zone Anticipated Safety Benefits

Corridor Crossing Seveity Index Greater Than Two Times the National Significant Risk Threshold and No Relevant Collisions in 5 Years							
	Value of Reduction in:				Fewer	Fewer	Fewer
	Injuries	Fatalities	Total		Collisions	Injuries	Fatalities
Year 1	\$0	\$0	\$0	Year 1	-	-	-
Year 2	\$84,386	\$23,137	\$107,523	Year 2	0.10	0.01	0.01
Year 3	\$168,772	\$46,274	\$215,045	Year 3	0.27	0.09	0.04
Year 4	\$253,158	\$69,411	\$322,568	Year 4	0.43	0.18	0.08
Year 5	\$337,543	\$92,548	\$430,091	Year 5	0.60	0.26	0.12
Year 6	\$421,929	\$115,684	\$537,614	Year 6	0.76	0.34	0.16
Year 7	\$506,315	\$138,821	\$645,136	Year 7	0.93	0.43	0.19
Year 8	\$590,701	\$161,958	\$752,659	Year 8	1.09	0.51	0.23
Year 9	\$590,701	\$161,958	\$752,659	Year 9	1.09	0.51	0.23
Year 10	\$590,701	\$161,958	\$752,659	Year 10	1.09	0.51	0.23
Year 11	\$590,701	\$161,958	\$752,659	Year 11	1.09	0.51	0.23
Year 12	\$590,701	\$161,958	\$752,659	Year 12	1.09	0.51	0.23
Year 13	\$590,701	\$161,958	\$752,659	Year 13	1.09	0.51	0.23
Year 14	\$590,701	\$161,958	\$752,659	Year 14	1.09	0.51	0.23
Year 15	\$590,701	\$161,958	\$752,659	Year 15	1.09	0.51	0.23
Year 16	\$590,701	\$161,958	\$752,659	Year 16	1.09	0.51	0.23
Year 17	\$590,701	\$161,958	\$752,659	Year 17	1.09	0.51	0.23
Year 18	\$590,701	\$161,958	\$752,659	Year 18	1.09	0.51	0.23
Year 19	\$590,701	\$161,958	\$752,659	Year 19	1.09	0.51	0.23
Year 20	\$590,701	\$161,958	\$752,659	Year 20	1.09	0.51	0.23
NPV - 20	\$4,316,163	\$1,183,404	\$5,499,567	Total	17.32	7.94	3.61

Assuming a declining collision rate of 4% annually.

**Pre-Rule Quiet Zone Anticipated Safety Benefits
Corridor Crossing Seveity Index Greater Than Two Times the
National Significant Risk Threshold and No Relevant Collisions in 5 Years**

	Value of Reduction in:					Fewer Collisions	Fewer Injuries	Fewer Fatalities
	Injuries	Fatalities	Total					
Year 1	\$0	\$0	\$0	Year 1	-	-	-	
Year 2	\$81,010	\$22,211	\$103,222	Year 2	0.10	0.01	0.01	
Year 3	\$155,540	\$42,646	\$198,186	Year 3	0.24	0.08	0.04	
Year 4	\$223,978	\$61,410	\$285,388	Year 4	0.38	0.16	0.07	
Year 5	\$286,691	\$78,605	\$365,296	Year 5	0.51	0.22	0.10	
Year 6	\$344,030	\$94,326	\$438,355	Year 6	0.62	0.28	0.13	
Year 7	\$396,322	\$108,663	\$504,986	Year 7	0.73	0.33	0.15	
Year 8	\$443,881	\$121,703	\$565,584	Year 8	0.82	0.38	0.17	
Year 9	\$426,125	\$116,835	\$542,960	Year 9	0.79	0.37	0.17	
Year 10	\$409,080	\$112,162	\$521,242	Year 10	0.76	0.35	0.16	
Year 11	\$392,717	\$107,675	\$500,392	Year 11	0.73	0.34	0.15	
Year 12	\$377,009	\$103,368	\$480,377	Year 12	0.70	0.33	0.15	
Year 13	\$361,928	\$99,233	\$461,162	Year 13	0.67	0.31	0.14	
Year 14	\$347,451	\$95,264	\$442,715	Year 14	0.64	0.30	0.14	
Year 15	\$333,553	\$91,453	\$425,007	Year 15	0.62	0.29	0.13	
Year 16	\$320,211	\$87,795	\$408,006	Year 16	0.59	0.28	0.13	
Year 17	\$307,402	\$84,284	\$391,686	Year 17	0.57	0.27	0.12	
Year 18	\$295,106	\$80,912	\$376,019	Year 18	0.55	0.25	0.12	
Year 19	\$283,302	\$77,676	\$360,978	Year 19	0.53	0.24	0.11	
Year 20	\$271,970	\$74,569	\$346,539	Year 20	0.50	0.23	0.11	
NPV - 20	\$2,948,651	\$808,460	\$3,757,111	Total	11.05	5.03	2.29	

Natiowide (Excluding the Chicago Area)**Pre-Rule Quiet Zone Anticipated Safety Benefits**

CONSTANT COLLISION RATE

Corridor Crossing Seveity Index Greater Between One and Two Times the National Significant Risk Threshold and No Collisions in 5 Years								
Value of Reduction in:					Fewer	Fewer	Fewer	
	Injuries	Fatalities	Total		Collisions	Injuries	Fatalities	
Year 1	\$0	\$0	\$0	Year 1	-	-	-	
Year 2	\$0	\$0	\$0	Year 2	-	-	-	
Year 3	\$0	\$0	\$0	Year 3	-	-	-	
Year 4	\$ 56,666	\$ 16,459	\$73,125	Year 4	0.06	0.03	0.01	
Year 5	\$ 127,499	\$ 37,033	\$164,532	Year 5	0.14	0.06	0.01	
Year 6	\$ 233,748	\$ 67,893	\$301,641	Year 6	0.25	0.12	0.02	
Year 7	\$ 332,914	\$ 96,696	\$429,610	Year 7	0.35	0.17	0.03	
Year 8	\$ 453,329	\$ 131,672	\$585,001	Year 8	0.48	0.23	0.04	
Year 9	\$ 559,578	\$ 162,532	\$722,111	Year 9	0.60	0.28	0.05	
Year 10	\$ 630,411	\$ 183,106	\$813,517	Year 10	0.67	0.32	0.06	
Year 11	\$ 672,911	\$ 195,450	\$868,361	Year 11	0.72	0.34	0.07	
Year 12	\$ 715,410	\$ 207,794	\$923,205	Year 12	0.76	0.36	0.07	
Year 13	\$ 772,076	\$ 224,253	\$996,330	Year 13	0.82	0.39	0.07	
Year 14	\$ 835,826	\$ 242,770	\$1,078,596	Year 14	0.89	0.42	0.08	
Year 15	\$ 920,825	\$ 267,458	\$1,188,283	Year 15	0.98	0.47	0.09	
Year 16	\$ 984,575	\$ 285,975	\$1,270,549	Year 16	1.05	0.50	0.10	
Year 17	\$1,041,241	\$ 302,434	\$1,343,674	Year 17	1.11	0.53	0.10	
Year 18	\$1,076,657	\$ 312,720	\$1,389,377	Year 18	1.15	0.55	0.10	
Year 19	\$1,104,990	\$ 320,950	\$1,425,940	Year 19	1.18	0.56	0.11	
Year 20	\$1,126,240	\$ 327,122	\$1,453,362	Year 20	1.20	0.57	0.11	
NPV - 20	\$4,579,789	\$ 1,330,222	\$5,910,012	Total	12.40	5.92	1.13	

Pre-Rule Quiet Zone Anticipated Safety Benefits

Assuming a declining collision rate of 4% annually.

Corridor Crossing Seveity Index Greater Between One and Two Times the National Significant Risk Threshold and No Collisions in 5 Years							
	Value of Reduction in:				Fewer	Fewer	Fewer
	Injuries	Fatalities	Total		Collisions	Injuries	Fatalities
Year 1	\$0	\$0	\$0	Year 1	-	-	-
Year 2	\$0	\$0	\$0	Year 2	-	-	-
Year 3	\$0	\$0	\$0	Year 3	-	-	-
Year 4	\$50,135	\$14,562	\$64,696	Year 4	0.05	0.03	0.00
Year 5	\$108,291	\$31,454	\$139,744	Year 5	0.12	0.06	0.01
Year 6	\$190,592	\$55,358	\$245,950	Year 6	0.20	0.10	0.02
Year 7	\$260,591	\$75,690	\$336,281	Year 7	0.28	0.13	0.03
Year 8	\$340,653	\$98,944	\$439,598	Year 8	0.36	0.17	0.03
Year 9	\$403,674	\$117,249	\$520,923	Year 9	0.43	0.21	0.04
Year 10	\$436,581	\$126,807	\$563,388	Year 10	0.46	0.22	0.04
Year 11	\$447,373	\$129,942	\$577,315	Year 11	0.48	0.23	0.04
Year 12	\$456,603	\$132,623	\$589,226	Year 12	0.49	0.23	0.04
Year 13	\$473,059	\$137,402	\$610,461	Year 13	0.50	0.24	0.05
Year 14	\$491,634	\$142,797	\$634,431	Year 14	0.52	0.25	0.05
Year 15	\$519,965	\$151,027	\$670,992	Year 15	0.55	0.26	0.05
Year 16	\$533,724	\$155,023	\$688,747	Year 16	0.57	0.27	0.05
Year 17	\$541,865	\$157,387	\$699,252	Year 17	0.58	0.28	0.05
Year 18	\$537,884	\$156,231	\$694,115	Year 18	0.57	0.27	0.05
Year 19	\$529,957	\$153,929	\$683,886	Year 19	0.56	0.27	0.05
Year 20	\$518,543	\$150,613	\$669,156	Year 20	0.55	0.26	0.05
NPV - 20	\$2,827,228	\$821,182	\$3,648,410	Total	7.29	3.48	0.66