

OFF-SITE TRAFFIC NOISE LEVELS

Project: The Commons at Quartz Hill

Background Information

Model Description:

FHWA Highway Noise Prediction Model (FHWA-RD-77-108) with California Vehicle Noise (CALVENO) Emission Levels.

Assumed 24-Hour Traffic Day Evening Night

Analysis Scenario(s): Source of Traffic Volumes:

Existing and Future Traffic Volumes

Total ADT Volumes 77.70% 12.70% 9.60%
Medium-Duty Trucks 87.43% 5.05% 7.52%
Heavy-Duty Trucks 89.10% 2.84% 8.06%

Community Noise Descriptor:

L_{dn}: _____ CNEL: _____ X

Analysis Condition

Roadway Name	Land Use	Lanes	Width	Peak Hour Volume	ADT Volume	Posted Speed (mph)	Dist. from Center to Receptor	Alpha Factor	Barrier Attn. (dB(A))	Vehicle Mix Medium Trucks	Vehicle Mix Heavy Trucks	Peak Hour dB(A) L _{eq}	24-Hour dB(A) CNEL
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Existing (2008) Traffic Volumes - PM Peak

60th Street	Land Use	Lanes	Width	Peak Hour Volume	ADT Volume	Posted Speed (mph)	Dist. from Center to Receptor	Alpha Factor	Barrier Attn. (dB(A))	Vehicle Mix Medium Trucks	Vehicle Mix Heavy Trucks	Peak Hour dB(A) L _{eq}	24-Hour dB(A) CNEL
north of Avenue J	Open Space	3	12	470	3,760	55	50	0.5	0	1.8%	0.7%	67.7	64.1
Avenue J to Avenue J-8	Residential	3	12	645	5,160	55	75	0.5	0	1.8%	0.7%	66.1	62.6
south of Avenue J-8	Church	3	12	757	6,056	55	75	0.5	0	1.8%	0.7%	66.8	63.3
North of Avenue K	Residential	3	12	819	6,552	55	100	0.5	0	1.8%	0.7%	65.2	61.7
South of Avenue K	Residential	3	12	870	6,960	45	100	0.5	0	1.8%	0.7%	63.2	59.8
North of Avenue K-8	Residential	3	12	794	6,352	45	100	0.5	0	1.8%	0.7%	62.8	59.4
South of Avenue K-8	Residential	3	12	814	6,512	45	100	0.5	0	1.8%	0.7%	62.9	59.5
North of Avenue K-12	Residential	3	12	813	6,504	45	100	0.5	0	1.8%	0.7%	62.9	59.5
South of Avenue K-12	Residential	3	12	827	6,616	45	100	0.5	0	1.8%	0.7%	63.0	59.5
North of Avenue L	Residential	3	12	761	6,088	45	100	0.5	0	1.8%	0.7%	62.6	59.2
South of Avenue L	School	3	12	870	6,960	45	100	0.5	0	1.8%	0.7%	63.2	59.8
North of Avenue L-4	Residential	3	12	883	7,064	45	75	0.5	0	1.8%	0.7%	65.2	61.8
South of Avenue L-4	Residential	3	12	835	6,680	45	75	0.5	0	1.8%	0.7%	65.0	61.5
North of Avenue L-8	Residential	3	12	965	7,720	45	75	0.5	0	1.8%	0.7%	65.6	62.2

South of Avenue L-8		Residential	3	12	732	5,856	45	75	0.5	0	1.8%	0.7%	64.4	61.0
North of Avenue M		Residential	3	12	782	6,256	45	75	0.5	0	1.8%	0.7%	64.7	61.2
Avenue J														
West of 60th Street		Open Space	3	12	473	3,784	45	50	0.5	0	1.8%	0.7%	65.4	62.0
East of 60th Street		Residential	3	12	649	5,192	45	75	0.5	0	1.8%	0.7%	63.9	60.4
Avenue J-8														
West of 60th Street		Residential	3	12	249	1,992	45	75	0.5	0	1.8%	0.7%	59.7	56.3
East of 60th Street		Residential	3	12	34	272	45	75	0.5	0	1.8%	0.7%	51.1	47.6
Avenue K														
West of 60th Street		Residential	3	12	292	2,336	45	75	0.5	0	1.8%	0.7%	60.4	57.0
East of 60th Street		Residential	3	12	549	4,392	45	75	0.5	0	1.8%	0.7%	63.2	59.7
Avenue K-8														
West of 60th Street		Residential	3	12	74	592	45	75	0.5	0	1.8%	0.7%	54.5	51.0
East of 60th Street		Residential	3	12	10	80	45	75	0.5	0	1.8%	0.7%	45.8	42.3
Avenue K-12														
East of 60th Street		Residential	3	12	46	368	45	75	0.5	0	1.8%	0.7%	52.4	48.9
Avenue L														
70th Street to 65th Street		Residential	2	0	359	2,872	45	200	0.5	0	1.8%	0.7%	54.7	51.3
65th Street to 60th Street		School	2	0	491	3,928	45	200	0.5	0	1.8%	0.7%	56.1	52.6
60th Street to 57th Street		Residential	3	12	779	6,232	45	100	0.5	0	1.8%	0.7%	62.7	59.3
57th Street to 55th Street		Residential	3	12	787	6,296	45	100	0.5	0	1.8%	0.7%	62.8	59.3
East of 55th Street		Residential	3	0	1,046	8,368	45	100	0.5	0	1.8%	0.7%	63.9	60.5
West of 50th Street		Residential	3	0	1,048	8,384	45	100	0.5	0	1.8%	0.7%	63.9	60.5
East of 50th Street		Residential	3	0	1,373	10,984	45	100	0.5	0	1.8%	0.7%	65.1	61.7
West of 45th Street		Residential	3	0	1,400	11,200	45	100	0.5	0	1.8%	0.7%	65.2	61.8
East of 45th Street		Residential	3	0	1,774	14,192	45	100	0.5	0	1.8%	0.7%	66.2	62.8
West of 40th Street		Residential	3	0	1,884	15,072	45	100	0.5	0	1.8%	0.7%	66.5	63.0
Avenue L-4														
West of 60th Street		Residential	2	0	138	1,104	45	75	0.5	0	1.8%	0.7%	57.0	53.5
Avenue L-8														
West of 60th Street		Residential	2	0	291	2,328	45	75	0.5	0	1.8%	0.7%	60.2	56.8
East of 60th Street		Residential	2	0	288	2,304	45	75	0.5	0	1.8%	0.7%	60.2	56.7
Avenue M														
West of 60th Street		Residential	2	0	458	3,664	45	75	0.5	0	1.8%	0.7%	62.2	58.8
East of 60th Street		Residential	2	0	500	4,000	45	75	0.5	0	1.8%	0.7%	62.6	59.1

Existing (2008) Traffic Volumes - Saturday Mid - Day Peak

60th Street													
north of Avenue J													
Avenue J to Avenue J-8	Open Space	3	12	397	3,176	55	50	0.5	0	1.8%	0.7%	66.9	63.4
	Residential	3	12	501	4,008	55	75	0.5	0	1.8%	0.7%	65.0	61.5
	Church	3	12	597	4,776	55	75	0.5	0	1.8%	0.7%	65.8	62.2
south of Avenue J-8													
North of Avenue K	Residential	3	12	589	4,712	55	100	0.5	0	1.8%	0.7%	63.8	60.2
South of Avenue K	Residential	3	12	601	4,808	45	100	0.5	0	1.8%	0.7%	61.6	58.1
North of Avenue K-8	Residential	3	12	580	4,640	45	100	0.5	0	1.8%	0.7%	61.4	58.0
South of Avenue K-8	Residential	3	12	593	4,744	45	100	0.5	0	1.8%	0.7%	61.5	58.1
North of Avenue K-12	Residential	3	12	339	2,712	45	100	0.5	0	1.8%	0.7%	59.1	55.7
South of Avenue K-12	Residential	3	12	627	5,016	45	100	0.5	0	1.8%	0.7%	61.8	58.3
North of Avenue L													
South of Avenue L	Residential	3	12	644	5,152	45	100	0.5	0	1.8%	0.7%	61.9	58.4
South of Avenue L	School	3	12	686	5,488	45	100	0.5	0	1.8%	0.7%	62.2	58.7
North of Avenue L-4	Residential	3	12	370	2,960	45	75	0.5	0	1.8%	0.7%	61.4	58.0
South of Avenue L-4	Residential	3	12	629	5,032	45	75	0.5	0	1.8%	0.7%	63.7	60.3
North of Avenue L-8	Residential	3	12	649	5,192	45	75	0.5	0	1.8%	0.7%	63.9	60.4
South of Avenue L-8	Residential	3	12	516	4,128	45	75	0.5	0	1.8%	0.7%	62.9	59.4
North of Avenue M	Residential	3	12	569	4,552	45	75	0.5	0	1.8%	0.7%	63.3	59.9
Avenue J													
West of 60th Street	Open Space	3	12	233	1,864	45	50	0.5	0	1.8%	0.7%	62.3	58.9
East of 60th Street	Residential	3	12	449	3,592	45	75	0.5	0	1.8%	0.7%	62.3	58.8
Avenue J-8													
West of 60th Street	Residential	3	12	156	1,248	45	75	0.5	0	1.8%	0.7%	57.7	54.2
East of 60th Street	Residential	3	12	8	64	45	75	0.5	0	1.8%	0.7%	44.8	41.3
Avenue K													
West of 60th Street	Residential	3	12	278	2,224	45	75	0.5	0	1.8%	0.7%	60.2	56.8
East of 60th Street	Residential	3	12	504	4,032	45	75	0.5	0	1.8%	0.7%	62.8	59.3
Avenue K-8													
West of 60th Street	Residential	3	12	80	640	45	75	0.5	0	1.8%	0.7%	54.8	51.3
East of 60th Street	Residential	3	12	7	56	45	75	0.5	0	1.8%	0.7%	44.2	40.8
Avenue K-12													
East of 60th Street	Residential	3	12	276	2,208	45	75	0.5	0	1.8%	0.7%	60.2	56.7
Avenue L													
70th Street to 65th Street	Residential	2	0	294	2,352	45	200	0.5	0	1.8%	0.7%	53.9	50.4
65th Street to 60th Street	School	2	0	355	2,840	45	200	0.5	0	1.8%	0.7%	54.7	51.2
60th Street to 57th Street	Residential	3	12	730	5,840	45	100	0.5	0	1.8%	0.7%	62.4	59.0
57th Street to 55th Street	Residential	3	12	731	5,848	45	100	0.5	0	1.8%	0.7%	62.4	59.0
East of 55th Street	Residential	3	0	821	6,568	45	100	0.5	0	1.8%	0.7%	62.9	59.4

Future (2012) without Project Traffic Volumes - PM Peak													
60th Street													
West of 50th Street													
Residential	3	0	883	7,064	45	100	0.5	0	1.8%	0.7%	63.2	59.8	
East of 50th Street	3	0	1,250	10,000	45	100	0.5	0	1.8%	0.7%	64.7	61.3	
West of 45th Street	3	0	1,345	10,760	45	100	0.5	0	1.8%	0.7%	65.0	61.6	
East of 45th Street	3	0	1,582	12,656	45	100	0.5	0	1.8%	0.7%	65.7	62.3	
West of 40th Street	3	0	1,939	15,512	45	100	0.5	0	1.8%	0.7%	66.6	63.2	
Avenue L-4													
West of 60th Street													
Residential	2	0	87	696	45	75	0.5	0	1.8%	0.7%	55.0	51.5	
Avenue L-8													
West of 60th Street													
Residential	2	0	315	2,520	45	75	0.5	0	1.8%	0.7%	60.6	57.1	
East of 60th Street	2	0	258	2,064	45	75	0.5	0	1.8%	0.7%	59.7	56.3	
Avenue M													
West of 60th Street													
Residential	2	0	378	3,024	45	75	0.5	0	1.8%	0.7%	61.4	57.9	
East of 60th Street	2	0	359	2,872	45	75	0.5	0	1.8%	0.7%	61.1	57.7	

Future (2012) without Project Traffic Volumes - PM Peak													
60th Street													
north of Avenue J													
Open Space	3	12	1,181	9,448	55	50	0.5	0	1.8%	0.7%	71.7	68.1	
Avenue J to Avenue J-8	3	12	1,518	12,144	55	75	0.5	0	1.8%	0.7%	69.8	66.3	
south of Avenue J-8	3	12	1,634	13,072	55	75	0.5	0	1.8%	0.7%	70.2	66.6	
North of Avenue K	3	12	1,230	9,840	55	100	0.5	0	1.8%	0.7%	67.0	63.4	
South of Avenue K	3	12	1,570	12,560	45	100	0.5	0	1.8%	0.7%	65.8	62.3	
North of Avenue K-8	3	12	1,929	15,432	45	100	0.5	0	1.8%	0.7%	66.7	63.2	
South of Avenue K-8	3	12	1,951	15,608	45	100	0.5	0	1.8%	0.7%	66.7	63.3	
North of Avenue K-12	3	12	2,019	16,152	45	100	0.5	0	1.8%	0.7%	66.8	63.4	
South of Avenue K-12	3	12	2,034	16,272	45	100	0.5	0	1.8%	0.7%	66.9	63.4	
North of Avenue L	3	12	2,169	17,352	45	100	0.5	0	1.8%	0.7%	67.2	63.7	
South of Avenue L	3	12	2,108	16,864	45	100	0.5	0	1.8%	0.7%	67.0	63.6	
North of Avenue L-4	3	12	2,055	16,440	45	75	0.5	0	1.8%	0.7%	68.9	65.4	
South of Avenue L-4	3	12	1,990	15,920	45	75	0.5	0	1.8%	0.7%	68.7	65.3	
North of Avenue L-8	3	12	2,040	16,320	45	75	0.5	0	1.8%	0.7%	68.9	65.4	
South of Avenue L-8	3	12	1,825	14,600	45	75	0.5	0	1.8%	0.7%	68.4	64.9	
North of Avenue M	3	12	1,901	15,208	45	75	0.5	0	1.8%	0.7%	68.5	65.1	
Avenue J													
West of 60th Street													
Open Space	3	12	772	6,176	45	50	0.5	0	1.8%	0.7%	67.5	64.1	
East of 60th Street	3	12	1,153	9,224	45	75	0.5	0	1.8%	0.7%	66.4	62.9	
Avenue J-8													
West of 60th Street													
Residential	3	12	338	2,704	45	75	0.5	0	1.8%	0.7%	61.0	57.6	

	East of 60th Street	Residential	3	12	742	5,936	45	75	0.5	0	1.8%	0.7%	64.5	61.0	
Avenue K	West of 60th Street	Residential	3	12	793	6,344	45	75	0.5	0	1.8%	0.7%	64.8	61.3	
	East of 60th Street	Residential	3	12	1,351	10,808	45	75	0.5	0	1.8%	0.7%	67.1	63.6	
Avenue K-8	West of 60th Street	Residential	3	12	80	640	45	75	0.5	0	1.8%	0.7%	54.8	51.3	
	East of 60th Street	Residential	3	12	10	80	45	75	0.5	0	1.8%	0.7%	45.8	42.3	
Avenue K-12	East of 60th Street	Residential	3	12	49	392	45	75	0.5	0	1.8%	0.7%	52.7	49.2	
Avenue L	70th Street to 65th Street	Residential	2	0	655	5,240	45	200	0.5	0	1.8%	0.7%	57.3	53.9	
	65th Street to 60th Street	School	2	0	937	7,496	45	200	0.5	0	1.8%	0.7%	58.9	55.5	
	60th Street to 57th Street	Residential	3	12	1,777	14,216	45	100	0.5	0	1.8%	0.7%	66.3	62.9	
	57th Street to 55th Street	Residential	3	12	1,780	14,240	45	100	0.5	0	1.8%	0.7%	66.3	62.9	
	East of 55th Street	Residential	3	0	2,060	16,480	45	100	0.5	0	1.8%	0.7%	66.9	63.4	
	West of 50th Street	Residential	3	0	1,576	12,608	45	100	0.5	0	1.8%	0.7%	65.7	62.3	
	East of 50th Street	Residential	3	0	1,894	15,152	45	100	0.5	0	1.8%	0.7%	66.5	63.1	
	West of 45th Street	Residential	3	0	1,922	15,376	45	100	0.5	0	1.8%	0.7%	66.6	63.1	
	East of 45th Street	Residential	3	0	2,326	18,608	45	100	0.5	0	1.8%	0.7%	67.4	64.0	
	West of 40th Street	Residential	3	0	2,452	19,616	45	100	0.5	0	1.8%	0.7%	67.6	64.2	
Avenue L-4	West of 60th Street	Residential	2	0	158	1,264	45	75	0.5	0	1.8%	0.7%	57.6	54.1	
Avenue L-8	West of 60th Street	Residential	2	0	385	3,080	45	75	0.5	0	1.8%	0.7%	61.4	58.0	
	East of 60th Street	Residential	2	0	316	2,528	45	75	0.5	0	1.8%	0.7%	60.6	57.1	
Avenue M	West of 60th Street	Residential	2	0	770	6,160	45	75	0.5	0	1.8%	0.7%	64.5	61.0	
	East of 60th Street	Residential	2	0	3,936	31,488	45	75	0.5	0	1.8%	0.7%	71.5	68.1	
Future (2012) without Project Traffic Volumes - Saturday Mid-Day Peak															
60th Street	north of Avenue J	Open Space	3	12	1,573	12,584	55	50	0.5	0	1.8%	0.7%	72.9	69.3	
	Avenue J to Avenue J-8	Residential	3	12	1,851	14,808	55	75	0.5	0	1.8%	0.7%	70.7	67.2	
	south of Avenue J-8	Church	3	12	1,838	14,704	55	75	0.5	0	1.8%	0.7%	70.7	67.1	
	North of Avenue K	Residential	3	12	1,951	15,608	55	100	0.5	0	1.8%	0.7%	69.0	65.4	
	South of Avenue K	Residential	3	12	2,558	20,464	45	100	0.5	0	1.8%	0.7%	67.9	64.4	
	North of Avenue K-8	Residential	3	12	2,179	17,432	45	100	0.5	0	1.8%	0.7%	67.2	63.7	

Avenue K-8	South of Avenue K-8	Residential	3	12	2,193	17,544	45	100	0.5	0	1.8%	0.7%	67.2	63.8
	North of Avenue K-12	Residential	3	12	2,410	19,280	45	100	0.5	0	1.8%	0.7%	67.6	64.2
	South of Avenue K-12	Residential	3	12	2,455	19,640	45	100	0.5	0	1.8%	0.7%	67.7	64.3
	North of Avenue L	Residential	3	12	2,694	21,552	45	100	0.5	0	1.8%	0.7%	68.1	64.7
	South of Avenue L	School	3	12	2,452	19,616	45	100	0.5	0	1.8%	0.7%	67.7	64.3
	North of Avenue L-4	Residential	3	12	2,430	19,440	45	75	0.5	0	1.8%	0.7%	69.6	66.2
	South of Avenue L-4	Residential	3	12	2,327	18,616	45	75	0.5	0	1.8%	0.7%	69.4	66.0
	North of Avenue L-8	Residential	3	12	2,293	18,344	45	75	0.5	0	1.8%	0.7%	69.4	65.9
	South of Avenue L-8	Residential	3	12	2,054	16,432	45	75	0.5	0	1.8%	0.7%	68.9	65.4
	North of Avenue M	Residential	3	12	2,153	17,224	45	75	0.5	0	1.8%	0.7%	69.1	65.6
Avenue J	West of 60th Street	Open Space	3	12	546	4,368	45	50	0.5	0	1.8%	0.7%	66.0	62.6
	East of 60th Street	Residential	3	12	996	7,968	45	75	0.5	0	1.8%	0.7%	65.7	62.3
Avenue J-8	West of 60th Street	Residential	3	12	233	1,864	45	75	0.5	0	1.8%	0.7%	59.4	56.0
	East of 60th Street	Residential	3	12	754	6,032	45	75	0.5	0	1.8%	0.7%	64.5	61.1
Avenue K	West of 60th Street	Residential	3	12	983	7,864	45	75	0.5	0	1.8%	0.7%	65.7	62.2
	East of 60th Street	Residential	3	12	1,700	13,600	45	75	0.5	0	1.8%	0.7%	68.1	64.6
Avenue K-8	West of 60th Street	Residential	3	12	87	696	45	75	0.5	0	1.8%	0.7%	55.2	51.7
	East of 60th Street	Residential	3	12	7	56	45	75	0.5	0	1.8%	0.7%	44.2	40.8
Avenue K-12	East of 60th Street	Residential	3	12	58	464	45	75	0.5	0	1.8%	0.7%	53.4	50.0
	West of 60th Street	Residential	2	0	878	7,024	45	200	0.5	0	1.8%	0.7%	58.6	55.2
Avenue L	70th Street to 65th Street	School	2	0	892	7,136	45	200	0.5	0	1.8%	0.7%	58.7	55.2
	65th Street to 60th Street	Residential	3	12	1,562	12,496	45	100	0.5	0	1.8%	0.7%	65.7	62.3
	60th Street to 57th Street	Residential	3	12	1,497	11,976	45	100	0.5	0	1.8%	0.7%	65.5	62.1
	57th Street to 55th Street	Residential	3	0	1,702	13,616	45	100	0.5	0	1.8%	0.7%	66.0	62.6
	East of 50th Street	Residential	3	0	1,672	13,376	45	100	0.5	0	1.8%	0.7%	66.0	62.5
	East of 50th Street	Residential	3	0	2,004	16,032	45	100	0.5	0	1.8%	0.7%	66.8	63.3
	West of 45th Street	Residential	3	0	2,120	16,960	45	100	0.5	0	1.8%	0.7%	67.0	63.6
	East of 45th Street	Residential	3	0	2,375	19,000	45	100	0.5	0	1.8%	0.7%	67.5	64.1
	West of 40th Street	Residential	3	0	2,094	16,752	45	100	0.5	0	1.8%	0.7%	66.9	63.5
	Avenue L-4	West of 60th Street	Residential	2	0	135	1,080	45	75	0.5	0	1.8%	0.7%	56.9

Avenue L-8													
West of 60th Street	Residential	2	0	405	3,240	45	75	0.5	0	1.8%	0.7%	61.7	58.2
East of 60th Street	Residential	2	0	312	2,496	45	75	0.5	0	1.8%	0.7%	60.5	57.1
Avenue M													
West of 60th Street	Residential	2	0	569	4,552	45	75	0.5	0	1.8%	0.7%	63.1	59.7
East of 60th Street	Residential	2	0	660	5,280	45	75	0.5	0	1.8%	0.7%	63.8	60.3

**Future (2012) with Project Traffic Volumes - PM Peak
60th Street**

north of Avenue J													
Avenue J to Avenue J-8	Open Space	3	12	1,308	10,464	55	50	0.5	0	1.8%	0.7%	72.1	68.5
south of Avenue J-8	Residential	3	12	1,836	14,688	55	75	0.5	0	1.8%	0.7%	70.7	67.1
	Church	3	12	1,953	15,624	55	75	0.5	0	1.8%	0.7%	70.9	67.4
North of Avenue K	Residential	3	12	2,048	16,384	55	100	0.5	0	1.8%	0.7%	69.2	65.6
South of Avenue K	Residential	3	12	2,579	20,632	45	100	0.5	0	1.8%	0.7%	67.9	64.5
North of Avenue K-8	Residential	3	12	2,430	19,440	45	100	0.5	0	1.8%	0.7%	67.7	64.2
South of Avenue K-8	Residential	3	12	2,452	19,616	45	100	0.5	0	1.8%	0.7%	67.7	64.3
North of Avenue K-12	Residential	3	12	2,529	20,232	45	100	0.5	0	1.8%	0.7%	67.8	64.4
South of Avenue K-12	Residential	3	12	2,327	18,616	45	100	0.5	0	1.8%	0.7%	67.5	64.0
North of Avenue L	Residential	3	12	2,479	19,832	45	100	0.5	0	1.8%	0.7%	67.7	64.3
South of Avenue L	School	3	12	2,484	19,872	45	100	0.5	0	1.8%	0.7%	67.7	64.3
North of Avenue L-4	Residential	3	12	2,510	20,080	45	75	0.5	0	1.8%	0.7%	69.8	66.3
South of Avenue L-4	Residential	3	12	2,445	19,560	45	75	0.5	0	1.8%	0.7%	69.6	66.2
North of Avenue L-8	Residential	3	12	2,423	19,384	45	75	0.5	0	1.8%	0.7%	69.6	66.2
South of Avenue L-8	Residential	3	12	2,208	17,664	45	75	0.5	0	1.8%	0.7%	69.2	65.8
North of Avenue M	Residential	3	12	2,283	18,264	45	75	0.5	0	1.8%	0.7%	69.3	65.9

Avenue J													
West of 60th Street	Open Space	3	12	836	6,688	45	50	0.5	0	1.8%	0.7%	67.9	64.4
East of 60th Street	Residential	3	12	1,280	10,240	45	75	0.5	0	1.8%	0.7%	66.8	63.4

Avenue J-8													
West of 60th Street	Residential	3	12	338	2,704	45	75	0.5	0	1.8%	0.7%	61.0	57.6
East of 60th Street	Residential	3	12	742	5,936	45	75	0.5	0	1.8%	0.7%	64.5	61.0

Avenue K													
West of 60th Street	Residential	3	12	857	6,856	45	75	0.5	0	1.8%	0.7%	65.1	61.6
East of 60th Street	Residential	3	12	1,478	11,824	45	75	0.5	0	1.8%	0.7%	67.5	64.0

Avenue K-8													
West of 60th Street	Residential	3	12	80	640	45	75	0.5	0	1.8%	0.7%	54.8	51.3
East of 60th Street	Residential	3	12	10	80	45	75	0.5	0	1.8%	0.7%	45.8	42.3

Future (2012) with Project Traffic Volumes - Saturday Mid-Day Peak													
Avenue K-12													
Avenue L													
East of 60th Street	Residential	3	12	49	392	45	75	0.5	0	1.8%	0.7%	52.7	49.2
70th Street to 65th Street	Residential	2	0	807	6,456	45	200	0.5	0	1.8%	0.7%	58.2	54.8
65th Street to 60th Street	School	2	0	1,237	9,896	45	200	0.5	0	1.8%	0.7%	60.1	56.7
60th Street to 57th Street	Residential	3	12	2,005	16,040	45	100	0.5	0	1.8%	0.7%	66.8	63.4
57th Street to 55th Street	Residential	3	12	2,009	16,072	45	100	0.5	0	1.8%	0.7%	66.8	63.4
East of 55th Street	Residential	3	0	2,289	18,312	45	100	0.5	0	1.8%	0.7%	67.3	63.9
West of 50th Street	Residential	3	0	1,805	14,440	45	100	0.5	0	1.8%	0.7%	66.3	62.9
East of 50th Street	Residential	3	0	2,073	16,584	45	100	0.5	0	1.8%	0.7%	66.9	63.5
West of 45th Street	Residential	3	0	2,101	16,808	45	100	0.5	0	1.8%	0.7%	67.0	63.5
East of 45th Street	Residential	3	0	2,505	20,040	45	100	0.5	0	1.8%	0.7%	67.7	64.3
West of 40th Street	Residential	3	0	2,829	22,632	45	100	0.5	0	1.8%	0.7%	68.3	64.8
Avenue L-4													
West of 60th Street	Residential	2	0	158	1,264	45	75	0.5	0	1.8%	0.7%	57.6	54.1
Avenue L-8													
West of 60th Street	Residential	2	0	385	3,080	45	75	0.5	0	1.8%	0.7%	61.4	58.0
East of 60th Street	Residential	2	0	316	2,528	45	75	0.5	0	1.8%	0.7%	60.6	57.1
Avenue M													
West of 60th Street	Residential	2	0	834	6,672	45	75	0.5	0	1.8%	0.7%	64.8	61.4
East of 60th Street	Residential	2	0	994	7,952	45	75	0.5	0	1.8%	0.7%	65.6	62.1
60th Street													
north of Avenue J	Open Space	3	12	1,748	13,984	55	50	0.5	0	1.8%	0.7%	73.4	69.8
Avenue J to Avenue J-8	Residential	3	12	2,330	18,640	55	75	0.5	0	1.8%	0.7%	71.7	68.2
south of Avenue J-8	Church	3	12	2,273	18,184	55	75	0.5	0	1.8%	0.7%	71.6	68.0
North of Avenue K	Residential	3	12	2,485	19,880	55	100	0.5	0	1.8%	0.7%	70.0	66.5
South of Avenue K	Residential	3	12	3,255	26,040	45	100	0.5	0	1.8%	0.7%	68.9	65.5
North of Avenue K-8	Residential	3	12	2,875	23,000	45	100	0.5	0	1.8%	0.7%	68.4	64.9
South of Avenue K-8	Residential	3	12	2,889	23,112	45	100	0.5	0	1.8%	0.7%	68.4	65.0
North of Avenue K-12	Residential	3	12	3,121	24,968	45	100	0.5	0	1.8%	0.7%	68.7	65.3
South of Avenue K-12	Residential	3	12	2,874	22,992	45	100	0.5	0	1.8%	0.7%	68.4	64.9
North of Avenue L	Residential	3	12	3,104	24,832	45	100	0.5	0	1.8%	0.7%	68.7	65.3
South of Avenue L	School	3	12	2,875	23,000	45	100	0.5	0	1.8%	0.7%	68.4	64.9
North of Avenue L-4	Residential	3	12	2,893	23,144	45	75	0.5	0	1.8%	0.7%	70.4	66.9
South of Avenue L-4	Residential	3	12	2,787	22,296	45	75	0.5	0	1.8%	0.7%	70.2	66.8

North of Avenue L-8		Residential	3	12	2,816	22,528	45	75	0.5	0	1.8%	0.7%	70.3	66.8
South of Avenue L-8		Residential	3	12	2,577	20,616	45	75	0.5	0	1.8%	0.7%	69.9	66.4
North of Avenue M		Residential	3	12	580	4,640	45	75	0.5	0	1.8%	0.7%	63.4	60.0
Avenue J														
West of 60th Street		Open Space	3	12	675	5,400	45	50	0.5	0	1.8%	0.7%	67.0	63.5
East of 60th Street		Residential	3	12	1,171	9,368	45	75	0.5	0	1.8%	0.7%	66.4	63.0
Avenue J-8														
West of 60th Street		Residential	3	12	233	1,864	45	75	0.5	0	1.8%	0.7%	59.4	56.0
East of 60th Street		Residential	3	12	754	6,032	45	75	0.5	0	1.8%	0.7%	64.5	61.1
Avenue K														
West of 60th Street		Residential	3	12	1,070	8,560	45	75	0.5	0	1.8%	0.7%	66.1	62.6
East of 60th Street		Residential	3	12	1,875	15,000	45	75	0.5	0	1.8%	0.7%	68.5	65.0
Avenue K-8														
West of 60th Street		Residential	3	12	87	696	45	75	0.5	0	1.8%	0.7%	55.2	51.7
East of 60th Street		Residential	3	12	7	56	45	75	0.5	0	1.8%	0.7%	44.2	40.8
Avenue K-12														
East of 60th Street		Residential	3	12	58	464	45	75	0.5	0	1.8%	0.7%	53.4	50.0
Avenue L														
70th Street to 65th Street		Residential	2	0	1,195	9,560	45	200	0.5	0	1.8%	0.7%	60.0	56.5
65th Street to 60th Street		School	2	0	1,318	10,544	45	200	0.5	0	1.8%	0.7%	60.4	56.9
60th Street to 57th Street		Residential	3	12	1,875	15,000	45	100	0.5	0	1.8%	0.7%	66.5	63.1
57th Street to 55th Street		Residential	3	12	1,810	14,480	45	100	0.5	0	1.8%	0.7%	66.4	62.9
East of 55th Street		Residential	3	0	2,015	16,120	45	100	0.5	0	1.8%	0.7%	66.8	63.3
West of 50th Street		Residential	3	0	2,036	16,288	45	100	0.5	0	1.8%	0.7%	66.8	63.4
East of 50th Street		Residential	3	0	2,248	17,984	45	100	0.5	0	1.8%	0.7%	67.3	63.8
West of 45th Street		Residential	3	0	2,403	19,224	45	100	0.5	0	1.8%	0.7%	67.5	64.1
East of 45th Street		Residential	3	0	2,667	21,336	45	100	0.5	0	1.8%	0.7%	68.0	64.6
West of 40th Street		Residential	3	0	2,419	19,352	45	100	0.5	0	1.8%	0.7%	67.6	64.1
Avenue L-4														
West of 60th Street		Residential	2	0	132	1,056	45	75	0.5	0	1.8%	0.7%	56.8	53.4
Avenue L-8														
West of 60th Street		Residential	2	0	405	3,240	45	75	0.5	0	1.8%	0.7%	61.7	58.2
East of 60th Street		Residential	2	0	312	2,496	45	75	0.5	0	1.8%	0.7%	60.5	57.1
Avenue M														
West of 60th Street		Residential	2	0	773	6,184	45	75	0.5	0	1.8%	0.7%	64.5	61.0
East of 60th Street		Residential	2	0	1,087	8,696	45	75	0.5	0	1.8%	0.7%	65.9	62.5