

**Table N-2
NOISE LEVEL CONTOURS - Future Plus Project Weekday Off-Site ADT Volumes**

ROADWAY NAME Segment	Land Use	Lanes	Median Width	ADT Volume	Design Speed (mph)	Dist. from Center to Receptor	Alpha Factor (1)	Barrier Attn. dB(A)	Vehicle Mix		dB(A) CNEL
								Medium Trucks	Heavy Trucks		
Wilson west of Central	Commercial	2	0	5,330	25	50	0	0	1.8%	0.7%	57.9
Wilson west of Orange	Commercial	2	0	7,870	25	50	0	0	1.8%	0.7%	59.6
Wilson west of Brand	Commercial	2	0	9,460	25	50	0	0	1.8%	0.7%	60.4
Wilson east of Brand	Commercial	2	0	10,390	25	50	0	0	1.8%	0.7%	60.8
Broadway west of Central	Commercial	4	0	17,810	25	50	0	0	1.8%	0.7%	63.4
Broadway west of Orange	Commercial	4	0	19,690	25	50	0	0	1.8%	0.7%	63.8
Broadway west of Brand	Commercial	4	0	20,180	25	50	0	0	1.8%	0.7%	63.9
Broadway east of Brand	Commercial	4	0	18,500	25	50	0	0	1.8%	0.7%	63.6
Central North of Wilson	Commercial	4	0	25,300	35	50	0	0	1.8%	0.7%	67.5
Central north of Broadway	Commercial	4	0	25,770	35	50	0	0	1.8%	0.7%	67.6
Central south of Broadway	Commercial	4	0	21,520	35	50	0	0	1.8%	0.7%	66.8
Orange North of Wilson	Commercial	2	0	6,630	25	50	0	0	1.8%	0.7%	58.8
Orange north of Broadway	Commercial	2	0	7,230	25	50	0	0	1.8%	0.7%	59.2
Orange south of Broadway	Commercial	2	0	5,330	25	50	0	0	1.8%	0.7%	57.9
Brand North of Wilson	Commercial	4	0	19,550	25	50	0	0	1.8%	0.7%	63.8
Brand north of Broadway	Commercial	4	0	22,060	25	50	0	0	1.8%	0.7%	64.3
Brand south of Broadway	Commercial	4	0	20,060	25	50	0	0	1.8%	0.7%	63.9

(1) Alpha Factor: Coefficient of absorption relating to the effects of the ground surface. An alpha factor of 0 indicates that the site is an acoustically "hard" site such as asphalt. An alpha factor of 0.5 indicates that the site is an acoustically "soft" site such as vegetative ground cover.

Assumed 24-Hour Traffic Distribution:	Day	Evening	Night
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%

**Table N-2
NOISE LEVEL CONTOURS - Existing Weekday Off-Site ADT Volumes**

ROADWAY NAME Segment	Land Use	Lanes	Median Width	ADT Volume	Design Speed (mph)	Dist. from Center to Receptor	Alpha Factor (1)	Barrier Attn. dB(A)	Vehicle Mix Medium Trucks	Heavy Trucks	dB(A) CNEL
Wilson west of Central	Commercial	2	0	4,690	25	50	0	0	1.8%	0.7%	57.3
Wilson west of Orange	Commercial	2	0	6,750	25	50	0	0	1.8%	0.7%	58.9
Wilson west of Brand	Commercial	2	0	7,770	25	50	0	0	1.8%	0.7%	59.5
Wilson east of Brand	Commercial	2	0	9,260	25	50	0	0	1.8%	0.7%	60.3
Broadway west of Central	Commercial	4	0	15,430	25	50	0	0	1.8%	0.7%	62.8
Broadway west of Orange	Commercial	4	0	16,340	25	50	0	0	1.8%	0.7%	63.0
Broadway west of Brand	Commercial	4	0	16,020	25	50	0	0	1.8%	0.7%	62.9
Broadway east of Brand	Commercial	4	0	14,380	25	50	0	0	1.8%	0.7%	62.5
Central North of Wilson	Commercial	4	0	21,610	35	50	0	0	1.8%	0.7%	66.8
Central north of Broadway	Commercial	4	0	22,210	35	50	0	0	1.8%	0.7%	67.0
Central south of Broadway	Commercial	4	0	18,460	35	50	0	0	1.8%	0.7%	66.2
Orange North of Wilson	Commercial	2	0	5,800	25	50	0	0	1.8%	0.7%	58.2
Orange north of Broadway	Commercial	2	0	5,740	25	50	0	0	1.8%	0.7%	58.2
Orange south of Broadway	Commercial	2	0	4,640	25	50	0	0	1.8%	0.7%	57.3
Brand North of Wilson	Commercial	4	0	15,590	25	50	0	0	1.8%	0.7%	62.8
Brand north of Broadway	Commercial	4	0	17,990	25	50	0	0	1.8%	0.7%	63.4
Brand south of Broadway	Commercial	4	0	14,840	25	50	0	0	1.8%	0.7%	62.6

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Medium-Duty Trucks	87.43%	5.05%	7.52%
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NOISE LEVEL CONTOURS - Existing Plus Project Weekday Off-Site ADT Volumes**

ROADWAY NAME Segment	Land Use	Lanes	Median Width	ADT Volume	Design Speed (mph)	Dist. from Center to Receptor	Alpha Factor (1)	Barrier Attn. dB(A)	Vehicle Mix		dB(A) CNEL
									Medium Trucks	Heavy Trucks	
Wilson west of Central	Commercial	2	0	4,780	25	50	0	0	1.8%	0.7%	57.4
Wilson west of Orange	Commercial	2	0	7,230	25	50	0	0	1.8%	0.7%	59.2
Wilson west of Brand	Commercial	2	0	8,720	25	50	0	0	1.8%	0.7%	60.0
Wilson east of Brand	Commercial	2	0	9,450	25	50	0	0	1.8%	0.7%	60.4
Broadway west of Central	Commercial	4	0	15,520	25	50	0	0	1.8%	0.7%	62.8
Broadway west of Orange	Commercial	4	0	16,540	25	50	0	0	1.8%	0.7%	63.1
Broadway west of Brand	Commercial	4	0	16,230	25	50	0	0	1.8%	0.7%	63.0
Broadway east of Brand	Commercial	4	0	14,560	25	50	0	0	1.8%	0.7%	62.5
Central North of Wilson	Commercial	4	0	21,650	35	50	0	0	1.8%	0.7%	66.9
Central north of Broadway	Commercial	4	0	22,360	35	50	0	0	1.8%	0.7%	67.0
Central south of Broadway	Commercial	4	0	18,720	35	50	0	0	1.8%	0.7%	66.2
Orange North of Wilson	Commercial	2	0	5,890	25	50	0	0	1.8%	0.7%	58.3
Orange north of Broadway	Commercial	2	0	6,100	25	50	0	0	1.8%	0.7%	58.5
Orange south of Broadway	Commercial	2	0	4,640	25	50	0	0	1.8%	0.7%	57.3
Brand North of Wilson	Commercial	4	0	16,320	25	50	0	0	1.8%	0.7%	63.0
Brand north of Broadway	Commercial	4	0	18,460	25	50	0	0	1.8%	0.7%	63.5
Brand south of Broadway	Commercial	4	0	15,100	25	50	0	0	1.8%	0.7%	62.7

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