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**Existing Roadway Noise**

**Westside Community Plan  
On-Site Noise Contours  
Existing Conditions**

ROADWAY NAME	Number of Lanes in Each Direction	Median Width	ADT Volume	Design Speed (mph)	Alpha Factor (1)	Vehicle Mix		Distance from Center of Roadway				
						Medium Trucks	Heavy Trucks	CNEL at 75 Feet	DISTANCE TO CONTOUR			
									75 CNEL	70 CNEL	65 CNEL	60 CNEL
SR 33 north of Stanley Avenue	2	20	32,000	65	0.5	1.8%	0.7%	74.1	-	140	303	652
SR 33 south of Stanley Avenue	2	20	44,000	65	0.5	1.8%	0.7%	75.5	81	174	374	806
Olive St s/o Stanley Ave	1	0	3,000	30	0	1.8%	0.7%	56.4	-	-	-	-
Olive St s/o Ramona St	1	0	6,000	30	0	1.8%	0.7%	59.5	-	-	-	-
Ventura Ave n/o Stanley Ave	1	12	6,000	35	0	1.8%	0.7%	60.8	-	-	-	89
Ventura Ave s/o Stanley Ave	1	12	15,000	30	0	1.8%	0.7%	63.4	-	-	-	164
Ventura Ave n/o Ramona St	1	12	15,000	30	0	1.8%	0.7%	63.4	-	-	-	164
Ventura Ave s/o Ramona St	1	12	16,000	25	0	1.8%	0.7%	62.0	-	-	-	118
Cedar St s/o Kellogg St	1	0	4,000	30	0	1.8%	0.7%	57.7	-	-	-	-
Cedar St s/o Ramona St	1	0	7,000	30	0	1.8%	0.7%	60.1	-	-	-	77
Stanley Ave e/o SR 33	2	10	16,000	30	0	1.8%	0.7%	63.7	-	-	-	174
Stanley Ave w/o Ventura Ave	2	10	16,000	30	0	1.8%	0.7%	63.7	-	-	-	174
US 101 w/o SR 33	3	40	70,000	65	0.5	1.8%	0.7%	77.5	110	237	510	1,098
US 101 e/o SR 33	4	20	93,000	65	0.5	1.8%	0.7%	78.7	133	286	616	1,327
US 101 e/o California St	4	20	112,000	65	0.5	1.8%	0.7%	79.5	150	324	697	1,502

**Notes:**

(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 heavily vegetated ground cover.

"-" = contour is located within the roadway lanes or within 75 feet of the roadway centerline.

Noise levels and distances to contours do not assume any natural or constructed barriers that may attenuate noise.

**Assumed 24-Hour Traffic Distribution:**

	Day	Evening	Night	Total
Total ADT Volumes	77.70%	12.70%	9.60%	100.00%
Medium-Duty Trucks	87.43%	5.05%	7.52%	100.00%
Heavy-Duty Trucks	89.10%	2.84%	8.06%	100.00%