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**ATTACHMENT K-1.**

**NOISE MODELING DATA**

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## TRAFFIC NOISE LEVELS AND NOISE CONTOURS

**Project Number:** 194340

**Project Name:** Leucadia Streetscape Drainage Improvement Project

**Scenario:** Existing

### Background Information

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

Source of Traffic Volumes: SANDAG

Community Noise Descriptor:  $L_{dn}$ : X CNEL:

Assumed 24-Hour Traffic Distribution:	Day	Evening	Night
Total ADT Volumes	77.50%	12.90%	9.60%
Medium-Duty Trucks	84.80%	4.90%	10.30%
Heavy-Duty Trucks	86.50%	2.70%	10.80%

Analysis Condition	Roadway, Segment	Lanes	Median Width	ADT <sup>1</sup> Volume	Design Speed (mph)	Alpha Factor	Vehicle Mix		Distance from Centerline of Roadway					Calc Dist
							Medium Trucks	Heavy Trucks	Ldn at 100 Feet	70 Ldn	Distance to Contour			
											65 Ldn	60 Ldn	55 Ldn	
Coast Highway 101														
	Between La Costa Avenue and Jupiter Street	4	18	14,300	30	0.5	1.8%	0.7%	59.2	-	-	88	190	100

"-" = contour is located within the roadway right-of-way.