

Existing Traffic Noise - Interstate 5

**TRAFFIC NOISE LEVELS AND NOISE CONTOURS**

**Project Number:** 2017-227

**Project Name:** South Oregon Ready Mix

**Background Information**

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

Source of Traffic Volumes: Caltrans 2017 Traffic Volumes

Community Noise Descriptor: L<sub>dn</sub>: \_\_\_\_\_ CNEL:   x  

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%

Analysis Condition - <b>EXISTING</b>	Roadway, Segment	Lanes	Median Width	ADT Volume	Design Speed (mph)	Alpha Factor	Vehicle Mix		Distance from Centerline of Roadway					Calc Dist
							Medium Trucks	Heavy Trucks	CNEL at 400 Feet	70 CNEL	65 CNEL	60 CNEL	55 CNEL	
<b>Analysis Condition</b>	Interstate 5 - Abrams Lake Rd to Deetz Rd	4	100	12,900	70	0.5	1.8%	0.7%	58.3	-	142	306	660	400