



NOISE SENSITIVE RECEPTOR LOCATION MAP
8141 Van Nuys Boulevard Project
Imagery via Google

Construction Equipment Noise Levels

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	dBA Leq 1hr 50ft	Noise Barrier	dBA 50ft - After Best Practices	
Auger Drill Rig	77.4	-10	67.4	notes:
Compressor (air)	73.7	-5	68.7	notes:
Concrete Saw	82.6	-10	72.6	notes:
Crane	72.6	-10	62.6	notes:
Crane, Mobile FTA	83.0	-10	73.0	notes:
Dozer	77.7	-10	67.7	notes:
Excavator	76.7	-10	66.7	notes:
Front End Loader	75.1	-10	65.1	notes:
Generator	77.6	-5	72.6	notes:
Generator (<25KVA)	69.8	-5	64.8	notes:
Gradall	79.4	-10	69.4	notes:
Jackhammer	81.9	-10	71.9	notes:
Roller	73.0	-10	63.0	notes:
Welder/Torch	70.0	-5	65.0	notes:

8141 Van Nuys - Traffic Noise Analysis

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AM Peak Hour

Roadway	Future Without Project	Project Traffic	Future With Project Traffic	Increase (dBA)
Van Nuys Blvd, N of Roscoe Blvd	2784	13	2797	0.0
Van Nuys Blvd, S of Roscoe Blvd	3124	24	3148	0.0
Roscoe Blvd, W of Van Nuys Blvd	2681	5	2686	0.0
Roscoe Blvd, E of Van Nuys Blvd	3427	16	3443	0.0
Willis Ave, S of Roscoe Blvd	663	21	684	0.1
-	-	-	-	-

PM Peak Hour

Roadway	Future Without Project	Project Traffic	Future With Project Traffic	Increase (dBA)
Van Nuys Blvd, N of Roscoe Blvd	2775	17	2792	0.0
Van Nuys Blvd, S of Roscoe Blvd	3074	35	3109	0.0
Roscoe Blvd, W of Van Nuys Blvd	2980	3	2983	0.0
Roscoe Blvd, E of Van Nuys Blvd	3179	21	3200	0.0
Willis Ave, S of Roscoe Blvd	866	14	880	0.1
-	-	-	-	-

Source: Screening analysis conducted pursuant to Caltrans
SPL calculation methodology in the Technical Noise
Supplement to the Traffic Noise Analysis Protocol
(September 2013).

Vibration Impact Analysis

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Construction Vibration - PPV

Ground Factor (N):	1.5
Equipment:	Large Dozer or Auger Drill
Equipment PPV (in/sec):	0.089
Reference Distance (ft):	25

Unmitigated

Receptor	Distance (ft)	Vibration Level (in/sec PPV)
14600 Titus St - Commercial	10	0.352
Panorama Plaza Medical Building - Commercial	10	0.352
14545 Lanark St - Office/Commercial	100	0.011
14547 Titus St - Office/Commercial	60	0.024