
**Impact Sciences, Inc., "Alternative 2, Distances to Contours from Centerline:
Alternative 2 (Proposed Project), and Predicted Alternative 2 Cumulative
Roadway Noise Levels at Noise Sensitive Locations" (September 2007)**

Newhall Ranch EIR/EIS
 Alternatives Noise Contour Study
 Based on August 2007 Traffic Study

ALTERNATIVE D-2					
	Highest		Distance to Contour From Centerline (feet)		
	Peak Hour	Speed	60 dB(A)	65 dB(A)	70 dB(A)
Segment	Volumes*	Limit	CNEL	CNEL	CNEL
SR-126 w/o Potrero Valley Rd	2625	65	270	185	115
SR-126 w/o Long Canyon Road	3760	65	310	195	125
SR-126 w/o Commerce Ctr Dr.	6800	65	455	260	170
Commerce Ctr Dr. n/o Magic Mtn Pkwy	3520	50	230	145	85
Commerce Ctr Dr. s/o SR-126	3440	50	225	140	80
Long Canyon Rd. s/o SR-126	2960	45	200	115	70
Long Cyn Rd. n/o Potrero Valley Rd.	1680	45	160	95	55
Magic Mtn Pkwy e/o Commerce Ctr Dr.	4640	50	275	175	100
Magic Mtn Pkwy e/o Potrero Valley Rd.	1120	45	120	80	**
Magic Mtn Pkwy w/o Commerce Ctr Dr.	2720	45	195	110	70
Potrero Valley Rd. e/o Long Cyn Rd.	3360	45	230	135	85
Potrero Valley Rd. e/o Magic Mtn Pkwy	1680	45	160	95	55
Potrero Valley Rd. s/o SR-126	1440	45	145	90	50
Potrero Valley Rd. w/o Long Cyn Rd.	3840	45	245	145	90
* Highest Peak Hour is 8% of ADTs; ** 70 dB(A) CNEL Contour is within road right-of-way.					

**Newhall Ranch EIR/EIS
Santa Clarita Valley Buildout
Off-Site Noise Conditions
With Project
Based on April 2007 Traffic Report**

ALTERNATIVE D-2

ROADWAY NAME Segment	Land Use	Lanes	Median Width	ADT Volume	Design Speed (mph)	Dist. from Center to Receptor	Alpha Factor	Barrier Attn. dB(A)	Vehicle Mix		dB(A) CNEL
									Medium Trucks	Heavy Trucks	
MCBEAN PARKWAY											
	e/o Interstate 5 (Cal Arts College)	6	14	53,000	45	192	0.5	0	8.0%	2.0%	67.9
	e/o Tournament Road (SFR)	6	14	37,000	45	59	0.5	-5	8.0%	2.0%	70.5
	e/o Tournament Road (Church of Latter Day Saints)	6	14	37,000	45	114	0.5	0	8.0%	2.0%	70.0
	s/o Valencia Boulevard (SFR)	6	14	46,000	45	61	0.5	-5	8.0%	2.0%	71.1
	s/o Valencia Boulevard (MFR)	6	14	46,000	45	54	0.5	-5	8.0%	2.0%	72.5
	s/o Valencia Boulevard (Hospital)	6	14	46,000	45	312	0.5	0	8.0%	2.0%	64.0
	n/o Newhall Ranch Road (SFR)	6	14	46,000	45	180	0.5	0	8.0%	2.0%	67.7
STATE ROUTE 126											
	w/o Commerce Center Drive (Travel Village)	8	24	85,000	55	100	0.5	0	8.0%	2.0%	76.9
	w/o Potrero Valley Road (Ventura County)	8	24	33,000	55	100	0.5	0	8.0%	2.0%	72.8
VALENCIA BOULEVARD											
	e/o Tourney Road (SFR)	8	14	63,000	45	103	0.5	-5	8.0%	2.0%	68.4
	e/o Tourney Road (MFR)	8	14	63,000	45	88	0.5	-5	8.0%	2.0%	69.8
	w/o McBean Parkway (MFR)	8	14	68,000	45	80	0.5	0	8.0%	2.0%	76.1
	w/o Magic Mountain Parkway (Valencia Library)	6	14	56,000	45	80	0.5	0	8.0%	2.0%	74.5
NEWHALL RANCH ROAD											
	w/o Hillsborough Way (SFR)	6	14	71,000	45	93	0.5	-5	8.0%	2.0%	69.3
	w/o Hillsborough Way (Park)	6	14	71,000	45	143	0.5	0	8.0%	2.0%	71.2
	w/o Bouquet Canyon Road (MFR)	6	14	67,000	45	73	0.5	-5	8.0%	2.0%	71.0
MAGIC MOUNTAIN PARKWAY											
	w/o San Fernando Road (MFR)	6	14	53,000	40	63	0.5	0	8.0%	2.0%	75.4
ORCHARD VILLAGE											
	s/o McBean Parkway (SFR)	6	14	43,000	45	42	0.5	-5	8.0%	2.0%	76.6
	s/o McBean Parkway (Pinecrest School)	6	14	43,000	45	96	0.5	0	8.0%	2.0%	71.9
	s/o Wiley Canyon Road (SFR)	6	14	32,000	45	42	0.5	-5	8.0%	2.0%	75.3
LYONS ROAD											
	e/o Wiley Canyon Road (SFR)	6	14	41,000	45	54	0.5	-5	8.0%	2.0%	72.0
	e/o Wiley Canyon Road (elementary school)	6	14	41,000	45	200	0.5	0	8.0%	2.0%	66.5
	e/o Orchard Village Drive (church/school)	6	14	46,000	45	61	0.5	0	8.0%	2.0%	76.1
SAN FERNANDO ROAD/BOUQUET CANYON ROAD											
	s/o Placerita Canyon Road (mixed residential)	6	14	57,000	45	50	0.5	0	8.0%	2.0%	79.4
ROCKWELL CANYON ROAD											
	n/o McBean Parkway (SFR)	4	14	21,000	45	114	0.5	0	8.0%	2.0%	67.3
WILEY CANYON ROAD											
	n/o Lyons Road (SFR)	6	14	25,000	45	42	0.5	-5	8.0%	2.0%	74.3
	n/o Lyons Road (day care facility)	6	14	25,000	45	50	0.5	0	8.0%	2.0%	75.8
	e/o Tournament (SFR)	6	14	22,000	45	42	0.5	-5	8.0%	2.0%	73.7
THE OLD ROAD											
	s/o Magic Mountain Parkway (MFR)	6	14	25,000	40	150	0.5	0	8.0%	2.0%	65.4
WESTRIDGE PARKWAY											
	n/o Valencia Boulevard (SFR)	4	0	9,000	40	49	0.5	-5	8.0%	2.0%	63.5

n/a = data not available

(1) Distance to centerline of roadway.

Assumed 24-Hour Traffic Distribution:	Day	Evening	Night
Total ADT Volumes	78.00%	12.00%	10.00%
Medium-Duty Trucks	77.00%	10.00%	13.00%
Heavy-Duty Trucks	75.00%	7.00%	18.00%