

Appendix F

Noise Data

UCSF LRDP Mission Bay Roadway Noise Analysis

Assumptions: AM peak hour traffic data from Fehr & Peers

Cumulative + Project

ROAD SEGMENT	TOTAL # VEHICLES	VEHICLE TYPE %						VEHICLE SPEED					NOISE LEVEL (dBA)			CALCULATED NOISE LEVEL 15 meters from roadway center)	Receptor Dist. from Roadway Center (m.)	Adjusted Noise Level (dBA)	Distance from Roadway to 65 dBA (m.)	Distance from Roadway to 65 dBA (ft)	
		Auto	MT	HT	Auto k/h	MT k/h	HT k/h	Auto	MT	HT	Auto	MT	HT								
Calveno Peak																					
from: to:		%	Auto	%	MT	%	HT														
7th Street Richards Vine	720	95	684	3	21.6	2	14.4	25	40	25	40	25	40	58.5	55.1	61.0	63.6	40	59.3	10.8	35.4
7th Street Richards North B S	1455	95	1382.3	3	43.65	2	29.1	25	40	25	40	25	40	61.5	58.2	64.0	66.6	40	62.4	21.8	71.6
7th Street Water Railyrds	2710	95	2574.5	3	81.3	2	54.2	25	40	25	40	25	40	64.2	60.9	66.7	69.3	40	65.1	40.7	133.4
5th Street Richards Riverfrnt	445	95	422.75	3	13.35	2	8.9	35	56	35	56	35	56	60.6	55.3	60.2	64.0	40	59.8	12.0	39.4
Richards I-5 Sequoia	2895	95	2750.3	3	86.85	2	57.9	35	56	35	56	35	56	68.7	63.4	68.4	72.2	40	67.9	78.2	256.6
Richards Sequoia 7th	2860	95	2717	3	85.8	2	57.2	35	56	35	56	35	56	68.6	63.4	68.3	72.1	40	67.9	77.3	253.5
Richards Dos Rios 16th	4055	95	3852.3	3	121.7	2	81.1	35	56	35	56	35	56	70.2	64.9	69.8	73.6	40	69.4	109.5	359.4
Dos rios Richards Vine	365	95	346.75	3	10.95	2	7.3	35	56	35	56	35	56	59.7	54.4	59.4	63.2	40	58.9	9.9	32.4
Dos rios Richards North D	665	95	631.75	3	19.95	2	13.3	35	56	35	56	35	56	62.3	57.0	62.0	65.8	40	61.5	18.0	58.9

Assumptions: AM peak hour traffic data from Fehr & Peers