

## Masters College Master Plan Off-Site Modeled Noise Conditions

			Design	Dist. from		Barrier	Vehicle Mix		
	Median	ADT	Speed	Center to	Alpha	Attn.	Medium	Heavy	dB(A)
Lanes	Width	Volume	(mph)	Receptor	Factor	dB(A)	Trucks	Trucks	CNEL
4	14	30,000	45	75	0.5	0	8.0%	2.0%	70.8
4	14	50,000	45	75	0.5	0			73.0
6	14	45,000	45	100	0.5	-5	•		65.8
		•						,.	
4	14	38,000	45	75	0.5	0	8.0%	2.0%	71.8
4	14	30,000	45	75	0.5	-5	8.0%	2.0%	65.8
		,					,	•	
4	14	4,000	45	75	0.5	0	8.0%	2.0%	62.0
4	14	2,000	45	75	0.5	0	8.0%	2.0%	59.0
	^	2 000	20	P.C	0.5		0.001	2.00/	F0.0
4	U	3,000	35	75	0.5	U	8.0%	2.0%	58.2
4	14	2,000	35	75	0.5	0	8.0%	2.0%	56.6
4	14	5,000	45	75	0.5	-5	8.0%	2.0%	58.0
4	14		45	75	0.5	0	8.0%	2.0%	#NUM!
4	14	8,000	45	100	0.5	-5	8.0%	2.0%	58.0
6	14	13,000	45	75	0.5	0	8.0%	2.0%	67.7
6	14	16,000	45	75	0.5	0	8.0%	2.0%	68.6
4	14	16,000	45	75	0.5	0	8.0%	2.0%	68.0
4	14	27,000	45	75	0.5	0	8.0%	2.0%	70.3
4	0		40	<i>7</i> 5	0.5	0	8.0%	2.0%	#NUM!
Day	Evening	Night							
65.00%	25.00%	10.00%							
90.00%	9.00%	1.00%							
95.00%	4.00%	1.00%							
	4 4 4 4 4 4 4 4 4 4 4 4 4 4 5 6 6 6 4 4 4 4	Lanes Width  4 14 4 14 6 14 4 14 4 14 4 14 4 14 4 1	Lanes Width Volume  4 14 30,000 4 14 50,000 6 14 45,000 4 14 30,000 4 14 30,000 4 14 2,000 4 14 2,000 4 14 2,000 4 14 5,000 4 14 5,000 4 14 16,000 4 14 16,000 4 14 16,000 4 10 27,000  Day Evening Night 65.00% 25.00% 10.00% 90.00% 9.00% 1.00%	Lanes         Median Width         ADT Volume         Speed (mph)           4         14         30,000         45           4         14         50,000         45           6         14         45,000         45           4         14         38,000         45           4         14         30,000         45           4         14         2,000         45           4         14         2,000         35           4         14         2,000         35           4         14         5,000         45           4         14         8,000         45           4         14         16,000         45           4         14         16,000         45           4         14         16,000         45           4         14         27,000         45           4         14         27,000         45           4         14         16,000         45           4         14         27,000         45           4         14         16,000         45           4         14         27,000	Lanes         Median Width         ADT Volume         Speed (mph)         Center to Receptor           4         14         30,000         45         75           4         14         50,000         45         75           6         14         45,000         45         75           4         14         38,000         45         75           4         14         30,000         45         75           4         14         2,000         45         75           4         14         2,000         35         75           4         14         2,000         35         75           4         14         5,000         45         75           4         14         8,000         45         75           4         14         8,000         45         75           4         14         16,000         45         75           4         14         16,000         45         75           4         14         16,000         45         75           4         14         27,000         45         75           4         14	Lanes         Median Width         ADT Volume         Speed (mph)         Center to Receptor         Alpha Factor           4         14         30,000         45         75         0.5           4         14         50,000         45         75         0.5           6         14         45,000         45         75         0.5           4         14         38,000         45         75         0.5           4         14         30,000         45         75         0.5           4         14         2,000         45         75         0.5           4         14         2,000         35         75         0.5           4         14         2,000         35         75         0.5           4         14         5,000         45         75         0.5           4         14         5,000         45         75         0.5           4         14         5,000         45         75         0.5           4         14         8,000         45         75         0.5           4         14         16,000         45         75         0.5 <td>Lanes         Median Width         ADT Volume         Speed (mph)         Center to Receptor         Alpha Factor         Attn. dB(A)           4         14         30,000         45         75         0.5         0           4         14         50,000         45         75         0.5         0           6         14         45,000         45         100         0.5         -5           4         14         38,000         45         75         0.5         0           4         14         30,000         45         75         0.5         0           4         14         4,000         45         75         0.5         0           4         14         2,000         35         75         0.5         0           4         14         2,000         35         75         0.5         0           4         14         5,000         45         75         0.5         0           4         14         5,000         45         75         0.5         0           4         14         8,000         45         75         0.5         0           6         14</td> <td>Lanes         Median Width         ADT Volume         Speed (mph)         Center to Receptor         Alpha Factor         Attn. dB(A)         Medium Trucks           4         14         30,000         45         75         0.5         0         8.0%           4         14         50,000         45         75         0.5         0         8.0%           6         14         45,000         45         75         0.5         0         8.0%           4         14         38,000         45         75         0.5         0         8.0%           4         14         30,000         45         75         0.5         0         8.0%           4         14         4,000         45         75         0.5         0         8.0%           4         14         2,000         35         75         0.5         0         8.0%           4         14         2,000         35         75         0.5         0         8.0%           4         14         5,000         45         75         0.5         0         8.0%           4         14         8,000         45         75         0.5</td> <td>Lanes         Mediam Width         ADT Volume         Speed (mph)         Center to (mph)         Alpha Receptor         Attn. dB(A)         Medium Trucks         Heavy Trucks           4         14         30,000         45         75         0.5         0         8.0%         2.0%           4         14         50,000         45         75         0.5         0         8.0%         2.0%           6         14         45,000         45         75         0.5         0         8.0%         2.0%           4         14         38,000         45         75         0.5         0         8.0%         2.0%           4         14         38,000         45         75         0.5         0         8.0%         2.0%           4         14         4,000         45         75         0.5         0         8.0%         2.0%           4         14         2,000         35         75         0.5         0         8.0%         2.0%           4         14         5,000         45         75         0.5         0         8.0%         2.0%           4         14         5,000         45         75</td>	Lanes         Median Width         ADT Volume         Speed (mph)         Center to Receptor         Alpha Factor         Attn. dB(A)           4         14         30,000         45         75         0.5         0           4         14         50,000         45         75         0.5         0           6         14         45,000         45         100         0.5         -5           4         14         38,000         45         75         0.5         0           4         14         30,000         45         75         0.5         0           4         14         4,000         45         75         0.5         0           4         14         2,000         35         75         0.5         0           4         14         2,000         35         75         0.5         0           4         14         5,000         45         75         0.5         0           4         14         5,000         45         75         0.5         0           4         14         8,000         45         75         0.5         0           6         14	Lanes         Median Width         ADT Volume         Speed (mph)         Center to Receptor         Alpha Factor         Attn. dB(A)         Medium Trucks           4         14         30,000         45         75         0.5         0         8.0%           4         14         50,000         45         75         0.5         0         8.0%           6         14         45,000         45         75         0.5         0         8.0%           4         14         38,000         45         75         0.5         0         8.0%           4         14         30,000         45         75         0.5         0         8.0%           4         14         4,000         45         75         0.5         0         8.0%           4         14         2,000         35         75         0.5         0         8.0%           4         14         2,000         35         75         0.5         0         8.0%           4         14         5,000         45         75         0.5         0         8.0%           4         14         8,000         45         75         0.5	Lanes         Mediam Width         ADT Volume         Speed (mph)         Center to (mph)         Alpha Receptor         Attn. dB(A)         Medium Trucks         Heavy Trucks           4         14         30,000         45         75         0.5         0         8.0%         2.0%           4         14         50,000         45         75         0.5         0         8.0%         2.0%           6         14         45,000         45         75         0.5         0         8.0%         2.0%           4         14         38,000         45         75         0.5         0         8.0%         2.0%           4         14         38,000         45         75         0.5         0         8.0%         2.0%           4         14         4,000         45         75         0.5         0         8.0%         2.0%           4         14         2,000         35         75         0.5         0         8.0%         2.0%           4         14         5,000         45         75         0.5         0         8.0%         2.0%           4         14         5,000         45         75

## Masters College Master Plan Off-Site Modeled Noise Conditions

0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	O.5	ttn. Medium Trucks  0 8.0% 0 8.0% 5 8.0% 5 8.0% 0 8.0% 0 8.0% 0 8.0% 0 8.0% 0 8.0%	2.0% 2.0% 2.0% 2.0% 2.0% 2.0% 2.0% 2.0%	dB(A) CNEL 71.7 72.9 66.1 72.7 66.4 62.0 59.0 58.2 56.6
0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	(A) Trucks  0 8.0% 0 8.0% 5 8.0% 5 8.0% 0 8.0% 0 8.0% 0 8.0% 0 8.0%	2.0% 2.0% 2.0% 2.0% 2.0% 2.0% 2.0% 2.0%	71.7 72.9 66.1 72.7 66.4 62.0 59.0
0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0 8.0% 0 8.0% 5 8.0% 0 8.0% 0 8.0% 0 8.0% 0 8.0%	2.0% 2.0% 2.0% 2.0% 2.0% 2.0% 2.0% 2.0%	71.7 72.9 66.1 72.7 66.4 62.0 59.0
0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	8.0% 5 8.0% 6 8.0% 6 8.0% 6 8.0% 6 8.0% 6 8.0% 7 8.0% 7 8.0%	2.0% 2.0% 2.0% 2.0% 2.0% 2.0% 2.0%	72.9 66.1 72.7 66.4 62.0 59.0
0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	8.0% 5 8.0% 6 8.0% 6 8.0% 6 8.0% 6 8.0% 6 8.0% 7 8.0% 7 8.0%	2.0% 2.0% 2.0% 2.0% 2.0% 2.0% 2.0%	72.9 66.1 72.7 66.4 62.0 59.0
0.5 0.5 0.5 0.5 0.5 0.5	0.5 0.5 0.5 0.5 0.5 0.5 0.5	5 8.0% 0 8.0% 5 8.0% 0 8.0% 0 8.0% 0 8.0%	2.0% 2.0% 2.0% 2.0% 2.0% 2.0% 2.0%	66.1 72.7 66.4 62.0 59.0
0.5 0.5 0.5 0.5 0.5	0.5 0.5 0.5 0.5 0.5 0.5	0 8.0% 5 8.0% 0 8.0% 0 8.0% 0 8.0%	2.0% 2.0% 2.0% 2.0% 2.0% 2.0%	72.7 66.4 62.0 59.0
0.5 0.5 0.5 0.5	0.5 0.5 0.5 0.5	5 8.0% 0 8.0% 0 8.0% 0 8.0% 0 8.0%	2.0% 2.0% 2.0% 2.0%	66.4 62.0 59.0 58.2
0.5 0.5 0.5 0.5	0.5 0.5 0.5 0.5	5 8.0% 0 8.0% 0 8.0% 0 8.0% 0 8.0%	2.0% 2.0% 2.0% 2.0%	66.4 62.0 59.0 58.2
0.5 0.5 0.5	0.5 0.5 0.5	8.0% 8.0% 0 8.0% 0 8.0%	2.0% 2.0% 2.0% 2.0%	62.0 59.0 58.2
0.5 0.5 0.5	0.5 0.5 0.5	8.0% 8.0% 0 8.0%	2.0% 2.0% 2.0%	59.0 58.2
0.5 0.5 0.5	0.5 0.5 0.5	8.0% 8.0% 0 8.0%	2.0% 2.0% 2.0%	59.0 58.2
0.5	0.5 0.5	0 8.0% 0 8.0%	2.0%	58.2
0.5	0.5	0 8.0%	2.0%	
0.5	0.5	0 8.0%	2.0%	
			·	56.6
			·	56.6
0.5	0.5			
0.5	0.5			
		5 8.0%	2.0%	58.8
0.5	0.5	0 8.0%	2.0%	#NUM
0.5	0.5	5 8.0%	2.0%	59.0
		·		
0.5	0.5	0 8.0%	2.0%	70.8
0.5	0.5	0 8.0%	2.0%	66.1
0.5	0.5	0 8.0%	2.0%	70.0
0.5	0.5		2.0%	71.7
0.5	0.5	0 8.0%	2.0%	#NUM
		,-		
				212,0

## Masters College Master Plan Off-Site Modeled Noise Conditions

Interim Year With Project	***************************************	***************************************				en metal el mineriori mi anconoccami passar	***************************************		overbrital pridadama, pravisa ani	-
,	·			Design	Dist. from Center to	Alpha	Barrier Attn.	Vehicle Mix		
		Median Width	ADT	Speed				Medium	Heavy	dB(A)
ROADWAY NAME Segment	Lanes	vviatn	Volume	(mph)	Receptor	Factor	dB(A)	Trucks	Trucks	CNEL
SAN FERNANDO ROAD										
w/o 13th Street	4	14	37,000	45	75	0.5	0	8.0%	2.0%	71.7
w/o Valle del Oro	4	14	49,000	45	75	0.5	0	8.0%	2.0%	72.9
w/o Sierra Highway (Mixed Residential)	6	14	49,000	45	100	0.5	-5	8.0%	2.0%	66.1
LYONS AVENUE			•				-	,-		
w/o Newhall Avenue	4	14	47,000	45	75	0.5	0	8.0%	2.0%	72.7
w/o San Fernando Road (School)	4	14	35,000	45	75	0.5	-5	8.0%	2.0%	66.4
PLACERITA CANYON ROAD					• •		•	<b>0.0</b> /0	200/0	VVIX
w/o Meadview (Church)	4	14	3,000	45	75	0.5	0	8.0%	2.0%	60.8
w/o Sierra Highway (Single Family Residential)	4	14	2,000	45	75	0.5	0	8.0%	2.0%	59.0
12th STREET			-,			010	•	0.070	<b>2.10</b> /0	37,0
s/o Placeritos Boulevard (Single Family Residential)	4	0	2,000	35	75	0.5	0	8.0%	2.0%	56.4
PLACERITOS BOULEVARD	_	Ū	_,000	00	7.5	0.0	Ü	0.070	2.0 /0	3024
w/o Meadview (Single Family Residential)	4	14	2,000	35	75	0.5	0	8.0%	2.0%	56.6
DOCKWEILER ROAD	•		2,000	55	75	0.5	U	0.0 /0	2.0 /0	30.0
w/o Sierra Highway (Multi-Family Residential)	4	14	17,000	45	75	0.5	-5	8.0%	2.00/	63.3
w/o Project Site	4	14	17,000	45	75 75	0.5	0	8.0%	<b>2.0%</b> 2.0%	68.3
VALLE DEL ORO	-	1.3	17,000	72.5	73	0.5	U	0.0%	2.0%	00.0
n/o San Fernando Road (Multi-Family Residential)	4	14	11,000	45	100	0.5	-	0.001	0.00	F0.4
SIERRA HIGHWAY	-	1.4	11,000	40	100	0.5	-5	8.0%	2.0%	59.4
s/o San Fernando Road	6	14	27,000	45	75	0.5	0	0.001	0.00/	#O.0
s/o Dockweiler Road	6	14	9,000	45	75 75	0.5		8.0%	2.0%	70.8
s/o Placerita Canyon Road	4	14	26,000	45 45	75 75	0.5	0	8.0%	2.0%	66.1
n/o Placerita Canyon Road	4	14		45 45			0	8.0%	2.0%	70.2
DEPUTY JAKE ROAD	4	14	37,000	40	<b>7</b> 5	0.5	0	8.0%	2.0%	71.7
w/o Valle del Oro (Single Family Residential)	4	0		40	75	0.5	0	0.000	0.000	W3 TV Y3 CC
w/o valie dei Oio (onigle railiny Residential)	4	U		40	75	0.5	0	8.0%	2.0%	#NUM!
n/a = data not available										
(1) Distance to centerline of roadway.										
Assumed 24-Hour Traffic Distribution:	Day	Evening	Night							
Total ADT Volumes	65.00%	25.00%	10.00%							
Medium-Duty Trucks	90.00%	9.00%	1.00%							
Heavy-Duty Trucks	95.00%	4.00%	1.00%							