

**Construction Generated Noise**

Building Type Office, Hotel, Hospital, School, Public Works

Distance (ft) hard or soft

**Construction Noise at 50 Feet (dBA Leq)**

50

0

Construction Phase	All Applicable Equipment in Use <sup>1</sup>	Minimum Required Equipment in Use <sup>1</sup>
Ground Clearing/Demolition	84	84
Excavation	89	79
Foundation Construction	78	78
Building Construction	87	75
Finishing and Site Cleanup	89	75

**Residential Use to the Northwest of the Project Site**

Construction Noise (dBA Leq) Construction Phase	Distances to Offsite Receptors (ft)			
	to north	to east	to south	to west
<b>Fine Arts</b>	390	8,650	1,932	510
Ground Clearing/Demolition	66	39	52	64
Excavation (Site Preparation)	71	44	57	69
Foundation Construction	60	33	46	58
Building Construction	69	42	55	67
Paving	71	44	57	69
<b>Student Services North</b>	500	8,150	2,030	1,025
Ground Clearing/Demolition	64	40	52	58
Excavation (Site Preparation)	69	45	57	63
Foundation Construction	58	34	46	52
Building Construction	67	43	55	61
Paving	69	45	57	63
<b>Student Center</b>	1,060	7,500	1,780	1,340
Ground Clearing/Demolition	57	40	53	55
Excavation (Site Preparation)	62	45	58	60
Foundation Construction	51	34	47	49
Building Construction	60	43	56	58
Paving	62	45	58	60
<b>Bookstore</b>	1,360	7,500	1,712	1,370
Ground Clearing/Demolition	55	40	53	55
Excavation (Site Preparation)	60	45	58	60
Foundation Construction	49	34	47	49
Building Construction	58	43	56	58
Paving	60	45	58	60
<b>Makerspace</b>	1,340	7,250	1,950	1,620
Ground Clearing/Demolition	55	41	52	54
Excavation (Site Preparation)	60	46	57	59
Foundation Construction	49	35	46	48
Building Construction	58	44	55	57
Paving	60	46	57	59
<b>Library/Learning Resources</b>	1,470	7,270	1,770	1,550
Ground Clearing/Demolition	55	41	53	54
Excavation (Site Preparation)	60	46	58	59
Foundation Construction	49	35	47	48
Building Construction	58	44	56	57
Paving	60	46	58	59
<b>Technical Education</b>	1,360	6,770	2,210	1,960
Ground Clearing/Demolition	55	41	51	52
Excavation (Site Preparation)	60	46	56	57
Foundation Construction	49	35	45	46
Building Construction	58	44	54	55
Paving	60	46	56	57
<b>Science</b>	1,930	7,550	1,215	1,080
Ground Clearing/Demolition	52	40	56	57
Excavation (Site Preparation)	57	45	61	62
Foundation Construction	46	34	50	51
Building Construction	55	43	59	60
Paving	57	45	61	62
<b>Auditorium</b>	1,540	8,270	710	380
Ground Clearing/Demolition	54	40	61	66
Excavation (Site Preparation)	59	45	66	71
Foundation Construction	48	34	55	60
Building Construction	57	43	64	69
Paving	59	45	66	71
<b>School of Continuing Education</b>	150	7,000	3,350	560
Ground Clearing/Demolition	74	41	47	63
Excavation (Site Preparation)	79	46	52	68
Foundation Construction	68	35	41	57
Building Construction	77	44	50	66
Paving	79	46	52	68
<b>Adult Education</b>	120	6,730	3,780	500
Ground Clearing/Demolition	76	41	46	64
Excavation (Site Preparation)	81	46	51	69
Foundation Construction	70	35	40	58
Building Construction	79	44	49	67
Paving	81	46	51	69
<b>Campus Safety</b>	1,620	6,175	2,710	3,060
Ground Clearing/Demolition	54	42	49	48
Excavation (Site Preparation)	59	47	54	53
Foundation Construction	48	36	43	42
Building Construction	57	45	52	51
Paving	59	47	54	53

<b>Physical Education Complex</b>	2,080	5,480	2,160	3,020
Ground Clearing/Demolition	52	43	51	48
Excavation (Site Preparation)	57	48	56	53
Foundation Construction	46	37	45	42
Building Construction	55	46	54	51
Paving	57	48	56	53
<b>Nature Center</b>	3,680	6,950	410	1,530
Ground Clearing/Demolition	47	41	66	54
Excavation (Site Preparation)	52	46	71	59
Foundation Construction	41	35	60	48
Building Construction	50	44	69	57
Paving	52	46	71	59
<b>Parking Structure B</b>	1,200	8,440	940	535
Ground Clearing/Demolition	56	39	59	63
Excavation (Site Preparation)	61	44	64	68
Foundation Construction	50	33	53	57
Building Construction	59	42	62	66
Paving	61	44	64	68
<b>Parking Structure F</b>	1,390	5,800	2,660	3,020
Ground Clearing/Demolition	55	43	49	48
Excavation (Site Preparation)	60	48	54	53
Foundation Construction	49	37	43	42
Building Construction	58	46	52	51
Paving	60	48	54	53
<b>Parking Structure S</b>	2,040	6,150	2,010	2,440
Ground Clearing/Demolition	52	42	52	50
Excavation (Site Preparation)	57	47	57	55
Foundation Construction	46	36	46	44
Building Construction	55	45	55	53
Paving	57	47	57	55
<b>Parking Structure R</b>	2,510	5,480	1,400	3,060
Ground Clearing/Demolition	50	43	55	48
Excavation (Site Preparation)	55	48	60	53
Foundation Construction	44	37	49	42
Building Construction	53	46	58	51
Paving	55	48	60	53
<b>Sand Volley Ball</b>	2,680	7,060	1,390	1,210
Ground Clearing/Demolition	49	41	55	56
Excavation (Site Preparation)	54	46	60	61
Foundation Construction	43	35	49	50
Building Construction	52	44	58	59
Paving	54	46	60	61
<b>Heritage Hall</b>	2,440	5,275	2,000	3,630
Ground Clearing/Demolition	50	44	52	47
Excavation (Site Preparation)	55	49	57	52
Foundation Construction	44	38	46	41
Building Construction	53	47	55	50
Paving	55	49	57	52
<b>Reused Depot</b>	3,475	5,935	770	2,460
Ground Clearing/Demolition	47	43	60	50
Excavation (Site Preparation)	52	48	65	55
Foundation Construction	41	37	54	44
Building Construction	50	46	63	53
Paving	52	48	65	55





Mt SAC EFMP

Roadway Segment	Distance to CNEL from Roadway Centerline				Noise Level (CNEL or Ldn) at Distance from Roadway Centerline						Noise Level (CNEL or Ldn) at Distance from Roadway Centerline					
	Existing	With P	Change	Change	Existing						Future					
					100.0		100.0		100.0		100.0		100.0		100.0	
					Feet	Feet	From Existing	due to Project	100 feet	100 feet	100 feet	100 feet	100 feet	100 feet	100 feet	100 feet
Amar Rd/Nogales St East Leg	72.0	72.4	0	0	72.0	72.0	72.0	72.3	72.3	72.3	72.4	72.4	72.4	+0.4	+0.1	
Amar Rd/Nogales St West Leg	73.3	73.7	0	0	73.3	73.3	73.3	73.6	73.6	73.6	73.7	73.7	73.7	+0.4	+0.0	
Amar Rd/Nogales St North Leg	56.1	56.5	0	0	56.1	56.1	56.1	56.5	56.5	56.5	56.5	56.5	56.5	+0.4	---	
Amar Rd/Nogales St South Leg	70.1	70.5	0	0	70.1	70.1	70.1	70.5	70.5	70.5	70.5	70.5	70.5	+0.4	+0.0	
Amar Rd/Lemon Ave East Leg	71.1	71.4	0	0	71.1	71.1	71.1	71.4	71.4	71.4	71.4	71.4	71.4	+0.4	+0.1	
Amar Rd/Lemon Ave West Leg	71.7	72.1	0	0	71.7	71.7	71.7	72.0	72.0	72.0	72.1	72.1	72.1	+0.4	+0.1	
Amar Rd/Lemon Ave North Leg	58.5	58.9	0	0	58.5	58.5	58.5	58.9	58.9	58.9	58.9	58.9	58.9	+0.4	---	
Amar Rd/Lemon Ave South Leg	65.0	65.4	0	0	65.0	65.0	65.0	65.4	65.4	65.4	65.4	65.4	65.4	+0.4	+0.0	
Amar Rd/Meadow Pa East Leg	71.7	72.1	0	0	71.7	71.7	71.7	72.0	72.0	72.0	72.1	72.1	72.1	+0.4	+0.1	
Amar Rd/Meadow Pa West Leg	71.2	71.6	0	0	71.2	71.2	71.2	71.5	71.5	71.5	71.6	71.6	71.6	+0.4	+0.1	
Amar Rd/Meadow Pa North Leg	61.2	61.6	0	0	61.2	61.2	61.2	61.6	61.6	61.6	61.6	61.6	61.6	+0.4	---	
Amar Rd/Meadow Pa South Leg	63.7	64.1	0	0	63.7	63.7	63.7	64.1	64.1	64.1	64.1	64.1	64.1	+0.4	+0.0	
Temple Ave/Grand A East Leg	70.8	71.3	0	0	70.8	70.8	70.8	71.0	71.0	71.0	71.3	71.3	71.3	+0.4	+0.3	
Temple Ave/Grand A West Leg	70.7	71.1	0	0	70.7	70.7	70.7	71.0	71.0	71.0	71.1	71.1	71.1	+0.4	+0.1	
Temple Ave/Grand A North Leg	72.2	72.6	0	0	72.2	72.2	72.2	72.4	72.4	72.4	72.6	72.6	72.6	+0.4	+0.2	
Temple Ave/Grand A South Leg	74.0	74.3	0	0	74.0	74.0	74.0	74.2	74.2	74.2	74.3	74.3	74.3	+0.4	+0.2	
Temple Ave/Mt SAC East Leg	70.4	70.8	0	0	70.4	70.4	70.4	70.5	70.5	70.5	70.8	70.8	70.8	+0.4	+0.3	
Temple Ave/Mt SAC West Leg	70.8	71.2	0	0	70.8	70.8	70.8	71.0	71.0	71.0	71.2	71.2	71.2	+0.4	+0.3	
Temple Ave/Mt SAC North Leg	63.1	63.6	1	1	63.1	63.1	63.1	63.1	63.1	63.1	63.6	63.6	63.6	+0.5	+0.5	
Temple Ave/Mt SAC South Leg	58.2	58.6	0	0	58.2	58.2	58.2	58.4	58.4	58.4	58.6	58.6	58.6	+0.4	+0.2	
Temple Ave/Transit C East Leg	70.5	70.9	0	0	70.5	70.5	70.5	70.6	70.6	70.6	70.9	70.9	70.9	+0.4	+0.3	
Temple Ave/Transit C West Leg	70.3	70.7	0	0	70.3	70.3	70.3	70.5	70.5	70.5	70.7	70.7	70.7	+0.4	+0.3	
Temple Ave/Transit C North Leg	57.1	57.5	0	0	57.1	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.5	+0.4	---	
Temple Ave/Transit C South Leg	4.8	50.1	45	45	4.8	4.8	4.8	4.8	4.8	4.8	50.1	50.1	50.1	+45.4	+45.4	
Temple Ave/Bonita D East Leg	72.5	72.9	0	0	72.5	72.5	72.5	72.6	72.6	72.6	72.9	72.9	72.9	+0.5	+0.3	
Temple Ave/Bonita D West Leg	70.3	70.8	0	0	70.3	70.3	70.3	70.5	70.5	70.5	70.8	70.8	70.8	+0.5	+0.3	
Temple Ave/Bonita D North Leg	63.8	64.6	1	1	63.8	63.8	63.8	63.8	63.8	63.8	64.6	64.6	64.6	+0.8	+0.8	
Temple Ave/Bonita D South Leg	58.4	58.9	0	0	58.4	58.4	58.4	58.6	58.6	58.6	58.9	58.9	58.9	+0.4	+0.3	
Temple Ave/Lot F En East Leg	72.6	73.0	0	0	72.6	72.6	72.6	72.7	72.7	72.7	73.0	73.0	73.0	+0.4	+0.3	
Temple Ave/Lot F En West Leg	72.5	72.9	0	0	72.5	72.5	72.5	72.6	72.6	72.6	72.9	72.9	72.9	+0.4	+0.3	
Temple Ave/Lot F En North Leg	54.1	54.6	1	1	54.1	54.1	54.1	54.1	54.1	54.1	54.6	54.6	54.6	+0.6	+0.6	
Temple Ave/Lot F En South Leg	4.8	4.8	0	0	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	---	---	
Temple Ave/Universi East Leg	73.4	73.8	0	0	73.4	73.4	73.4	73.5	73.5	73.5	73.8	73.8	73.8	+0.4	+0.3	
Temple Ave/Universi West Leg	72.6	73.0	0	0	72.6	72.6	72.6	72.7	72.7	72.7	73.0	73.0	73.0	+0.4	+0.3	
Temple Ave/Universi North Leg	65.6	65.9	0	0	65.6	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	+0.4	---	
Temple Ave/Universi South Leg	47.3	47.4	0	0	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	+0.1	---	
Temple Ave/Campus East Leg	72.6	73.0	0	0	72.6	72.6	72.6	72.9	72.9	72.9	73.0	73.0	73.0	+0.4	+0.1	
Temple Ave/Campus West Leg	73.6	74.0	0	0	73.6	73.6	73.6	73.7	73.7	73.7	74.0	74.0	74.0	+0.4	+0.2	
Temple Ave/Campus North Leg	70.6	71.0	0	0	70.6	70.6	70.6	70.8	70.8	70.8	71.0	71.0	71.0	+0.4	+0.2	
Temple Ave/Campus South Leg	61.0	61.4	0	0	61.0	61.0	61.0	61.4	61.4	61.4	61.4	61.4	61.4	+0.4	---	
Kellogg Dr/Campus C East Leg	63.6	64.0	0	0	63.6	63.6	63.6	64.0	64.0	64.0	64.0	64.0	64.0	+0.4	---	
Kellogg Dr/Campus C West Leg	66.8	67.2	0	0	66.8	66.8	66.8	67.0	67.0	67.0	67.2	67.2	67.2	+0.4	+0.1	
Kellogg Dr/Campus C North Leg	68.6	69.0	0	0	68.6	68.6	68.6	68.8	68.8	68.8	69.0	69.0	69.0	+0.4	+0.2	
Kellogg Dr/Campus C South Leg	70.7	71.1	0	0	70.7	70.7	70.7	70.9	70.9	70.9	71.1	71.1	71.1	+0.4	+0.2	
Temple Ave/Valley B East Leg	71.8	72.1	0	0	71.8	71.8	71.8	72.0	72.0	72.0	72.1	72.1	72.1	+0.4	+0.1	
Temple Ave/Valley B West Leg	72.8	73.2	0	0	72.8	72.8	72.8	73.0	73.0	73.0	73.2	73.2	73.2	+0.4	+0.1	
Temple Ave/Valley B North Leg	71.1	71.5	0	0	71.1	71.1	71.1	71.5	71.5	71.5	71.5	71.5	71.5	+0.4	+0.0	
Temple Ave/Valley B South Leg	70.9	71.3	0	0	70.9	70.9	70.9	71.3	71.3	71.3	71.3	71.3	71.3	+0.4	---	
Temple Ave/Pomona East Leg	73.2	73.7	0	0	73.2	73.2	73.2	73.6	73.6	73.6	73.7	73.7	73.7	+0.4	+0.1	
Temple Ave/Pomona West Leg	71.7	72.1	0	0	71.7	71.7	71.7	71.9	71.9	71.9	72.1	72.1	72.1	+0.4	+0.1	
Temple Ave/Pomona North Leg	66.8	67.2	0	0	66.8	66.8	66.8	67.2	67.2	67.2	67.2	67.2	67.2	+0.4	---	
Temple Ave/Pomona South Leg	69.3	69.7	0	0	69.3	69.3	69.3	69.7	69.7	69.7	69.7	69.7	69.7	+0.4	---	
Temple Ave/Shell Dr East Leg	71.5	72.0	0	0	71.5	71.5	71.5	71.9	71.9	71.9	72.0	72.0	72.0	+0.4	+0.0	
Temple Ave/Shell Dr West Leg	73.8	74.2	0	0	73.8	73.8	73.8	74.1	74.1	74.1	74.2	74.2	74.2	+0.4	+0.1	
Temple Ave/Shell Dr North Leg	69.7	70.1	0	0	69.7	69.7	69.7	70.1	70.1	70.1	70.1	70.1	70.1	+0.4	+0.1	
Temple Ave/Shell Dr South Leg	47.6	48.0	0	0	47.6	47.6	47.6	48.0	48.0	48.0	48.0	48.0	48.0	+0.3	---	
Temple Ave/SR-NB F East Leg	73.7	74.1	0	0	73.7	73.7	73.7	74.1	74.1	74.1	74.1	74.1	74.1	+0.4	+0.0	
Temple Ave/SR-NB F West Leg	73.6	73.9	0	0	73.6	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	+0.4	+0.0	
Temple Ave/SR-NB F North Leg	62.2	62.6	0	0	62.2	62.2	62.2	62.6	62.6	62.6	62.6	62.6	62.6	+0.4	---	
Temple Ave/SR-NB F South Leg	66.0	66.4	0	0	66.0	66.0	66.0	66.3	66.3	66.3	66.4	66.4	66.4	+0.4	+0.1	
I-10 WB Ramps/Grar East Leg	55.6	55.9	0	0	55.6	55.6	55.6	55.9	55.9	55.9	55.9	55.9	55.9	+0.4	---	
I-10 WB Ramps/Grar West Leg	64.3	64.9	1	1	64.3	64.3	64.3	64.8	64.8	64.8	64.9	64.9	64.9	+0.6	+0.2	
I-10 WB Ramps/Grar North Leg	71.6	72.0	0	0	71.6	71.6	71.6	72.0	72.0	72.0	72.0	72.0	72.0	+0.4	+0.0	
I-10 WB Ramps/Grar South Leg	71.2	71.7	0	0	71.2	71.2	71.2	71.6	71.6	71.6	71.7	71.7	71.7	+0.5	+0.1	
I-10 EB Ramps/Grar East Leg	4.8	4.8	0	0	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	---	---	
I-10 EB Ramps/Grar West Leg	65.0	65.6	1	1	65.0	65.0	65.0	65.4	65.4	65.4	65.6	65.6	65.6	+0.6	+0.3	
I-10 EB Ramps/Grar North Leg	71.2	71.6	0	0	71.2	71.2	71.2	71.5	71.5	71.5	71.6	71.6	71.6	+0.4	+0.1	
I-10 EB Ramps/Grar South Leg	70.9	71.4	0	0	70.9	70.9	70.9	71.2	71.2	71.2	71.4	71.4	71.4	+0.5	+0.3	
Holt Ave/Grand Ave East Leg	65.3	65.7	0	0	65.3	65.3	65.3	65.6	65.6	65.6	65.7	65.7	65.7	+0.4	+0.0	
Holt Ave/Grand Ave West Leg	61.4	61.8	0	0	61.4	61.4	61.4	61.8	61.8	61.8	61.8	61.8	61.8	+0.4	---	
Holt Ave/Grand Ave North Leg	70.9	71.3	0	0	70.9	70.9	70.9	71.0	71.0	71.0	71.3	71.3	71.3	+0.4	+0.3	
Holt Ave/Grand Ave South Leg	71.8	72.2	0	0	71.8	71.8	71.8	72.0	72.0	72.0	72.2	72.2	72.2	+0.4	+0.2	

Cortez St/Grand Ave	East Leg	4.8	4.8	0	0	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	---	---
Cortez St/Grand Ave	West Leg	57.4	57.8	0	0	57.4	57.4	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	+0.4	---
Cortez St/Grand Ave	North Leg	71.8	72.2	0	0	71.8	71.8	71.8	71.9	71.9	71.9	72.2	72.2	72.2	+0.4	+0.2	
Cortez St/Grand Ave	South Leg	71.7	72.1	0	0	71.7	71.7	71.7	71.9	71.9	71.9	72.1	72.1	72.1	+0.4	+0.2	
Cameron Ave/Barran	East Leg	68.7	69.1	0	0	68.7	68.7	68.7	69.0	69.0	69.0	69.1	69.1	69.1	+0.4	+0.1	
Cameron Ave/Barran	West Leg	69.7	70.1	0	0	69.7	69.7	69.7	70.0	70.0	70.0	70.1	70.1	70.1	+0.4	+0.1	
Cameron Ave/Barran	North Leg	66.3	66.7	0	0	66.3	66.3	66.3	66.6	66.6	66.6	66.7	66.7	66.7	+0.4	+0.0	
Cameron Ave/Barran	South Leg	4.8	4.8	0	0	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	---	---	
Cameron Ave/Grand	East Leg	4.8	4.8	0	0	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	---	---	
Cameron Ave/Grand	West Leg	65.7	66.1	0	0	65.7	65.7	65.7	66.0	66.0	66.0	66.1	66.1	66.1	+0.4	+0.1	
Cameron Ave/Grand	North Leg	71.7	72.1	0	0	71.7	71.7	71.7	71.8	71.8	71.8	72.1	72.1	72.1	+0.4	+0.2	
Cameron Ave/Grand	South Leg	72.9	73.3	0	0	72.9	72.9	72.9	73.0	73.0	73.0	73.3	73.3	73.3	+0.4	+0.2	
Mountaineer Rd/Grar	East Leg	65.6	66.2	1	1	65.6	65.6	65.6	65.7	65.7	65.7	66.2	66.2	66.2	+0.5	+0.5	
Mountaineer Rd/Grar	West Leg	4.8	4.8	0	0	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	---	---	
Mountaineer Rd/Grar	North Leg	73.1	73.5	0	0	73.1	73.1	73.1	73.3	73.3	73.3	73.5	73.5	73.5	+0.4	+0.2	
Mountaineer Rd/Grar	South Leg	72.1	72.5	0	0	72.1	72.1	72.1	72.3	72.3	72.3	72.5	72.5	72.5	+0.4	+0.2	
San Jose Hills Rd/Gr	East Leg	62.5	63.2	1	1	62.5	62.5	62.5	62.5	62.5	62.5	63.2	63.2	63.2	+0.7	+0.7	
San Jose Hills Rd/Gr	West Leg	63.2	63.6	0	0	63.2	63.2	63.2	63.6	63.6	63.6	63.6	63.6	63.6	+0.4	+0.0	
San Jose Hills Rd/Gr	North Leg	72.1	72.5	0	0	72.1	72.1	72.1	72.3	72.3	72.3	72.5	72.5	72.5	+0.4	+0.2	
San Jose Hills Rd/Gr	South Leg	72.2	72.6	0	0	72.2	72.2	72.2	72.4	72.4	72.4	72.6	72.6	72.6	+0.4	+0.2	
La Puente Rd/Grand	East Leg	62.5	62.9	0	0	62.5	62.5	62.5	62.9	62.9	62.9	62.9	62.9	62.9	+0.4	---	
La Puente Rd/Grand	West Leg	68.5	68.9	0	0	68.5	68.5	68.5	68.9	68.9	68.9	68.9	68.9	68.9	+0.4	+0.0	
La Puente Rd/Grand	North Leg	74.0	74.4	0	0	74.0	74.0	74.0	74.2	74.2	74.2	74.4	74.4	74.4	+0.4	+0.2	
La Puente Rd/Grand	South Leg	74.2	74.5	0	0	74.2	74.2	74.2	74.4	74.4	74.4	74.5	74.5	74.5	+0.4	+0.2	
Valley Blvd/Grand Av	East Leg	73.5	74.0	0	0	73.5	73.5	73.5	74.0	74.0	74.0	74.0	74.0	74.0	+0.4	---	
Valley Blvd/Grand Av	West Leg	74.3	74.7	0	0	74.3	74.3	74.3	74.7	74.7	74.7	74.7	74.7	74.7	+0.4	+0.0	
Valley Blvd/Grand Av	North Leg	74.1	74.5	0	0	74.1	74.1	74.1	74.3	74.3	74.3	74.5	74.5	74.5	+0.4	+0.2	
Valley Blvd/Grand Av	South Leg	73.4	73.8	0	0	73.4	73.4	73.4	73.6	73.6	73.6	73.8	73.8	73.8	+0.4	+0.2	
Baker Pkwy/Grand A	East Leg	4.8	4.8	0	0	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	---	---	
Baker Pkwy/Grand A	West Leg	60.4	60.8	0	0	60.4	60.4	60.4	60.8	60.8	60.8	60.8	60.8	60.8	+0.4	---	
Baker Pkwy/Grand A	North Leg	73.3	73.7	0	0	73.3	73.3	73.3	73.5	73.5	73.5	73.7	73.7	73.7	+0.4	+0.2	
Baker Pkwy/Grand A	South Leg	73.4	73.8	0	0	73.4	73.4	73.4	73.6	73.6	73.6	73.8	73.8	73.8	+0.4	+0.2	
Brea Canyon Rd/SR-	East Leg	63.6	64.1	0	0	63.6	63.6	63.6	63.7	63.7	63.7	64.1	64.1	64.1	+0.5	+0.4	
Brea Canyon Rd/SR-	West Leg	58.5	59.3	1	0	58.5	58.5	58.5	59.2	59.2	59.2	59.3	59.3	59.3	+0.8	+0.1	
Brea Canyon Rd/SR-	North Leg	73.4	73.9	0	0	73.4	73.4	73.4	73.7	73.7	73.7	73.9	73.9	73.9	+0.4	+0.2	
Brea Canyon Rd/SR-	South Leg	73.0	73.4	0	0	73.0	73.0	73.0	73.3	73.3	73.3	73.4	73.4	73.4	+0.4	+0.1	

Assumptions:

Simplified to 2 lanes	feet from centerline	Fleet Mix	92% Autos
future	feet from centerline	Time of Day:	3% Medium Trucks
Noise path decay parameter for hard site			5% Heavy Trucks
			70% Day
			15% Evening
			15% Night

Calculations using methods of Federal Highway Administration *Highway Traffic Noise Prediction Model*,  
December, 1978. Baseline California vehicle noise levels from Caltrans, TAN 95-03, 1995

# FIELD NOISE MEASUREMENT DATA

PROJECT: Mt SAC PROJ. # \_\_\_\_\_

SITE IDENTIFICATION: <u>North Grand NM</u>	OBSERVER(S): <u>Kassie Sugimoto</u>
START DATE/TIME: <u>9:55 @ 9/27</u>	END DATE/TIME: <u>9/27 10:18</u>
ADDRESS: _____	

**METEOROLOGICAL CONDITIONS:**

TEMP: 85.4 °F HUMIDITY: 40.6 %R.H. WIND:  CALM  LIGHT  MODERATE  VARIABLE

WINDSPEED: 0-8 MPH DIR:  N  NE  E  SE  S  W  NW  STEADY  GUSTY

SKY:  SUNNY  CLEAR  OVRCAST  PRTLY CLOUDY  FOG  RAIN  OTHER: \_\_\_\_\_

**ACOUSTIC INSTRUMENTS:**

INSTRUMENT: Larson Davis 831 TYPE:  1  2 SERIAL #: 1742

CALIBRATOR: Larson Davis Cal 200 SERIAL #: 6074

CALIBRATION CHECK: PRE-TEST 113.93 dBA SPL POST-TEST \_\_\_\_\_ dBA SPL WINDSCREEN yes

SETTINGS:  A-WEIGHTED  SLOW  FAST  FRONTAL  RANDOM  ANSI  OTHER: \_\_\_\_\_

REC #	START	END	L <sub>eq</sub>	L <sub>max</sub>	L <sub>min</sub>	L <sub>90</sub>	L <sub>50</sub>	L <sub>10</sub>	OTHER: (TYPE?)
<u>144</u>	<u>9:55</u>	<u>10:15</u>	<u>70.2</u>	<u>93.6</u>	_____	_____	_____	_____	_____

COMMENTS: \_\_\_\_\_

**SOURCE INFO AND TRAFFIC COUNTS:**

PRIMARY NOISE SOURCE:  TRAFFIC  AIRCRAFT  RAIL  INDUSTRIAL  AMBIENT  OTHER: \_\_\_\_\_

ROADWAY TYPE: \_\_\_\_\_

TRAFFIC COUNT DURATION: 321 -MIN 45 SPEED \_\_\_\_\_ #2 COUNT \_\_\_\_\_ SPEED \_\_\_\_\_

NB/ EB  SB/ WB  NB/ EB  SB/ WB  NB/ EB  SB/ WB

AUTOS	_____	_____	_____	_____	_____	_____	_____
MED. TRUCKS:	<u>1</u>	_____	_____	_____	_____	_____	_____
HVY TRUCKS:	<u>1</u>	_____	_____	_____	_____	_____	_____
BUSES:	<u>111</u>	_____	_____	_____	_____	_____	_____
MOTORCYCLES:	<u>1</u>	_____	_____	_____	_____	_____	_____

SPEED ESTIMATED BY:  RADAR  DRIVING  OBSERVER

OTHER SOURCES:  DIST. AIRCRAFT  RUSTLING LEAVES  DIST. BARKING DOGS  BIRDS  DIST. INDUSTRIAL  
 DIST. CHILDREN PLAYING  DIST. TRAFFIC  DIST. LANDSCAPING ACTIVITIES  OTHER: music from parked cars & birds

**DESCRIPTION/SKETCH:**

TERRAIN:  HARD  SOFT  MIXED  FLAT  OTHER: \_\_\_\_\_

PHOTOS: \_\_\_\_\_

OTHER COMMENTS/SKETCH:

10:07 - traffic backed up on road.

10:10 - Car horn from parking lot

10:12 - residents @ apartment complex behind the Yoshinoya making pounding noise like they are hammering

10:13 - Pedestrian walked passed machine eating a bag of chips

Photos

1. North
2. North - pic of road
3. South
4. South - pic of road
5. West
6. East

# FIELD NOISE MEASUREMENT DATA

PROJECT: Mt SAC

PROJ. # \_\_\_\_\_

SITE IDENTIFICATION: <u>Edinger NM</u>	OBSERVER(S): <u>Kassie Sugimoto</u>
START DATE/TIME: <u>9/27 12:24</u>	END DATE/TIME: <u>9/27</u>
ADDRESS: _____	

**METEOROLOGICAL CONDITIONS:**

TEMP: 90.3 °F    HUMIDITY: 55.4 %R.H.    WIND:  CALM  LIGHT  MODERATE  VARIABLE

WINDSPEED: 1.5 MPH    DIR:  N  NE  E  SE  S  W  NW     STEADY  GUSTY

SKY:  SUNNY  CLEAR  OVRCAST  PRTLY CLOUDY  FOG  RAIN  OTHER: \_\_\_\_\_

**ACOUSTIC INSTRUMENTS:**

INSTRUMENT: Larson Davis 831    TYPE:  1  2    SERIAL #: 1742

CALIBRATOR: Larson Davis Cal 200    SERIAL #: 6674

CALIBRATION CHECK: PRE-TEST 114.04 dBA SPL    POST-TEST \_\_\_\_\_ dBA SPL    WINDSCREEN Yes

SETTINGS:  A-WEIGHTED  SLOW  FAST  FRONTAL  RANDOM  ANSI  OTHER: \_\_\_\_\_

REC #	START	END	L <sub>eq</sub>	L <sub>max</sub>	L <sub>min</sub>	L <sub>90</sub>	L <sub>50</sub>	L <sub>10</sub>	OTHER: (TYPE?)
<u>140</u>	<u>12:23</u>	<u>12:44</u>	<u>62.3</u>	<u>80.9</u>	_____	_____	_____	_____	_____

COMMENTS: \_\_\_\_\_

**SOURCE INFO AND TRAFFIC COUNTS:**

PRIMARY NOISE SOURCE:  TRAFFIC  AIRCRAFT  RAIL  INDUSTRIAL  AMBIENT  OTHER: \_\_\_\_\_

ROADWAY TYPE: Paved road

TRAFFIC COUNT DURATION: 114 -MIN 35 SPEED \_\_\_\_\_ #2 COUNT \_\_\_\_\_ SPEED \_\_\_\_\_

	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB
AUTOS	<u>113</u>							
MED. TRUCKS:	<u>11</u>							
HVY TRUCKS:								
BUSES:								
MOTORCYCLES:	<u>1</u>							

SPEED ESTIMATED BY:  RADAR  DRIVING  OBSERVER

OTHER SOURCES:  DIST. AIRCRAFT  RUSTLING LEAVES  DIST. BARKING DOGS  BIRDS  DIST. INDUSTRIAL  
 DIST. CHILDREN PLAYING  DIST. TRAFFIC  DIST. LANDSCAPING ACTIVITIES  OTHER: pedestrians in parking lot & music from cars.

**DESCRIPTION/SKETCH:**

TERRAIN:  HARD  SOFT  MIXED  FLAT  OTHER: paved road

PHOTOS: \_\_\_\_\_

OTHER COMMENTS/SKETCH:

photos

- 1 West
- 2 East
- 3 East
- 4 East
- 5 South
- 6 North





**FIELD NOISE MEASUREMENT DATA**

PROJECT: Mt SAC

PROJ. # \_\_\_\_\_

SITE IDENTIFICATION: <u>Temple NM</u>	OBSERVER(S): <u>Kassie Sugimoto</u>
START DATE/TIME: <u>11:34 9/27</u>	END DATE/TIME: <u>11:55 9/27</u>
ADDRESS: _____	

**METEOROLOGICAL CONDITIONS:**

TEMP: 86.6 °F HUMIDITY: 44.1 %R.H. WIND:  CALM  LIGHT  MODERATE  VARIABLE

WINDSPEED: 2.5 MPH DIR:  N  NE  E  SE  S  W  NW  STEADY  GUSTY

SKY:  SUNNY  CLEAR  OVRCAST  PRTLY CLOUDY  FOG  RAIN  OTHER: \_\_\_\_\_

**ACOUSTIC INSTRUMENTS:**

INSTRUMENT: Larson Davis 831 TYPE:  1  2 SERIAL #: 1742

CALIBRATOR: Larson Davis Cal 200 SERIAL #: 4074

CALIBRATION CHECK: PRE-TEST \_\_\_\_\_ dBA SPL POST-TEST \_\_\_\_\_ dBA SPL WINDSCREEN yes

SETTINGS:  A-WEIGHTED  SLOW  FAST  FRONTAL  RANDOM  ANSI  OTHER: \_\_\_\_\_

REC #	START	END	L <sub>eq</sub>	L <sub>max</sub>	L <sub>min</sub>	L <sub>90</sub>	L <sub>50</sub>	L <sub>10</sub>	OTHER: (TYPE?)
<u>147</u>	<u>11:34</u>	<u>11:55</u>	<u>67.3</u>	<u>83.5</u>					

COMMENTS: \_\_\_\_\_

**SOURCE INFO AND TRAFFIC COUNTS:**

PRIMARY NOISE SOURCE:  TRAFFIC  AIRCRAFT  RAIL  INDUSTRIAL  AMBIENT  OTHER: \_\_\_\_\_

ROADWAY TYPE: paved road near parking lot

TRAFFIC COUNT DURATION: 280 -MIN 45 SPEED \_\_\_\_\_ #2 COUNT \_\_\_\_\_ SPEED \_\_\_\_\_

	<input checked="" type="checkbox"/> NB/ <input type="checkbox"/> EB	<input type="checkbox"/> SB/ <input type="checkbox"/> WB	<input type="checkbox"/> NB/ <input type="checkbox"/> EB	<input type="checkbox"/> SB/ <input type="checkbox"/> WB	<input type="checkbox"/> NB/ <input type="checkbox"/> EB	<input type="checkbox"/> SB/ <input type="checkbox"/> WB	<input type="checkbox"/> NB/ <input type="checkbox"/> EB	<input type="checkbox"/> SB/ <input type="checkbox"/> WB
AUTOS	<u>272</u>							
MED. TRUCKS:	<u>  </u>							
HVY TRUCKS:	<u>  </u>							
BUSES:	<u>  </u>							
MOTORCYCLES:	<u> </u>							

SPEED ESTIMATED BY:  RADAR  DRIVING  OBSERVER

OTHER SOURCES:  DIST. AIRCRAFT  RUSTLING LEAVES  DIST. BARKING DOGS  BIRDS  DIST. INDUSTRIAL  
 DIST. CHILDREN PLAYING  DIST. TRAFFIC  DIST. LANDSCAPING ACTIVITIES  OTHER: Welding?

**DESCRIPTION/SKETCH:**

TERRAIN:  HARD  SOFT  MIXED  FLAT  OTHER: Paved

PHOTOS: \_\_\_\_\_

OTHER COMMENTS/SKETCH: \_\_\_\_\_

	<p><u>* traffic backup on both sides.</u></p> <p><u>11:53 - pedestrian walked by mic</u></p>	<p><u>Photos</u></p> <p><u>1 south</u></p> <p><u>2 North</u></p> <p><u>3 West</u></p> <p><u>4 East</u></p>
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