

FACULTY & FAMILY STUDENT HOUSING,
OPEN SPACE PLAN, & LRDP AMENDMENT EIR

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APPENDIX G

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Appendix G
Noise Data

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Table G-1. Results of Noise Measurements

Location 1: Storke Road at Willowgrove Dr. (11/3/03)

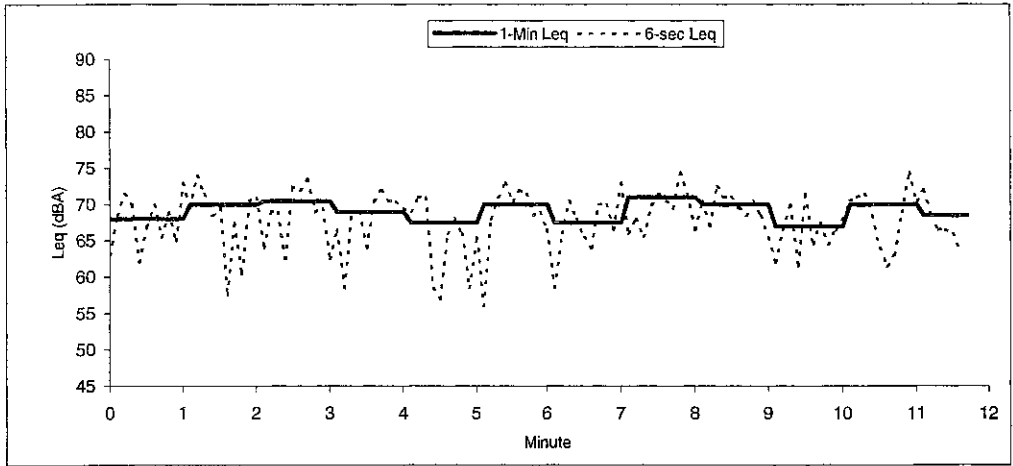
Min. No.	Time	Leq	Lmin	Lmax	Lpk	L10	L33	L50	L90
1	16:47:38	68	55.5	77	88	71.5	68	66	59
2	16:48:38	70	52	77	88	74	71	68.5	57.5
3	16:49:38	70.5	54.5	76.5	90	74	71	69.5	60.5
4	16:50:38	69	54	80.5	88	73	69.5	66.5	59
5	16:51:38	67.5	51.5	75	90.5	71.5	69	66	56
6	16:52:38	70	52.5	77.5	89	73.5	70.5	69	57
7	16:53:38	67.5	55	74.5	89.5	71.5	68	66	59
8	16:54:38	71	58.5	78	93	74.5	71.5	69.5	63.5
9	16:55:38	70	61.5	78.5	89	73.5	70	68	64.5
10	16:56:38	67	55.5	79	88.5	71.5	66.5	65	59
11	16:57:38	70	54	80	90	73.5	70	67.5	60
12	16:58:38	68.5	58.5	74.5	86.5	72	69	67.5	61.5

Leq for location = 69.3

Traffic Counts and Notes

Storke Rd. Both Directions			
	For Period	Per Hour	%
Autos	240	1200	98%
Med. Trks.	4	20	2%
Hvy. Trks.	0	0	0%
Total	244	1220	100%

Noise Meter Settings: Larson-Davis, 700, SN B3255
 Detector: Slow
 Weighting: A
 Exchange Rate: 3
 Location is 50 ft. west of CL of Storke Road, 5' above road grade.
 Speed = 40 mph



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Table G-1. Results of Noise Measurements

Location 2: Storke Road 180' south of Whittier Dr. (11/3/03)

Min. No.	Time	Leq	Lmin	Lmax	Lpk	L10	L33	L50	L90
1	17:05:44	64	54.5	73.5	83.5	67.5	64	62	57.5
2	17:06:43	64.5	53.5	77	85.5	68	63.5	60.5	56
3	17:07:43	65.5	52	77	92	69.5	66	62.5	55.5
4	17:08:43	66	52	75	86	70	66	63	58
5	17:09:43	66.5	51	76	86	70.5	66.5	64.5	55
6	17:10:43	66.5	56.5	73.5	84.5	69.5	67.5	66	59
7	17:11:43	76.5	51	92.5	106.5	72.5	63	61.5	55
8	17:12:43	63	51.5	73.5	84.5	68	61.5	58.5	53.5
9	17:13:43	66	52	73	83.5	69.5	67	65	56
10	17:14:43	64.5	53	72	81	68.5	65	61.5	57
11	17:15:43	62.5	52.5	75	87.5	65	60.5	58	55

Leq for location = 68.5

Traffic Counts and Notes

Storke Rd. Both Directions			%	Noise Meter Settings:	Larson-Davis, 700, SN B3255
	For Period	Per Hour			
Autos	269	1467	98.9%	Detector: Slow	
Med. Trks.	3	16	1.1%	Weighting: A	
Hvy. Trks.	0	0	0.0%	Exchange Rate: 3	
Total	272	1484	100%	Location is 50 ft. west of CL of Storke Road, 1' above road grade. Northbound lanes partially shielded by median. Speed = 40 mph.	

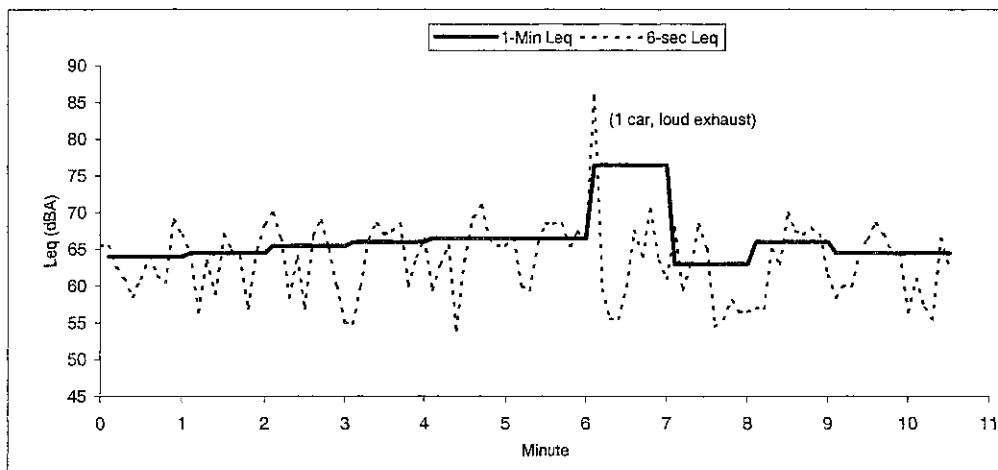


Table G-1. Results of Noise Measurements

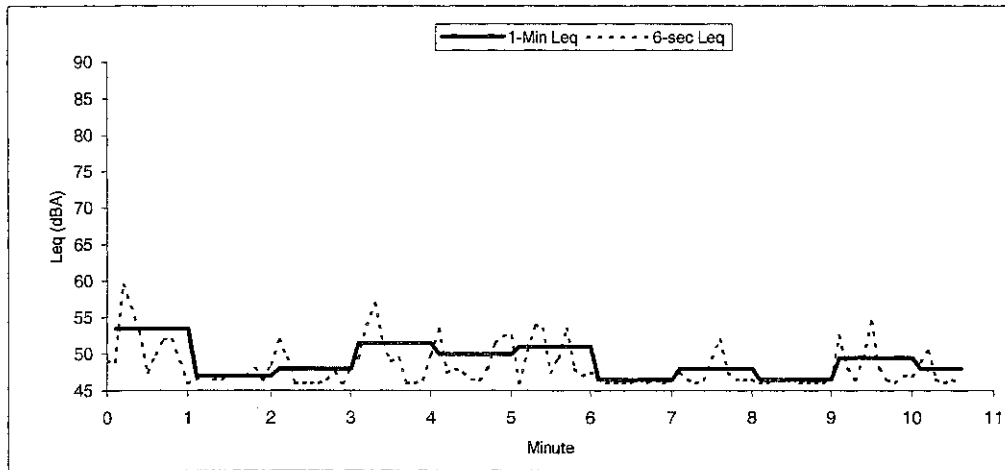
Location 3: Whittier Drive 300' west of Whitman St. (11/3/03)

Min. No.	Time	Leq	Lmin	Lmax	Lpk	L10	L33	L50	L90
1	17:25:19	53.5	44	67.5	76	57	52	50	46.5
2	17:26:18	47	44	54	77.5	48.5	47	46.5	45.5
3	17:27:18	48	44.5	59	74	50.5	47	46.5	45.5
4	17:28:18	51.5	44	66	77	54	50	48	45.5
5	17:29:18	50	44.5	62.5	73	53.5	48.5	47.5	46
6	17:30:41	51	44	60	68.5	54.5	51	48	46
7	17:31:40	46.5	44.5	55.5	66.5	47.5	46.5	46	45
8	17:32:40	48	44	56.5	67	50.5	47.5	46.5	45.5
9	17:33:40	46.5	43.5	49.5	66.5	47.5	46.5	46	45.5
10	17:34:40	49.5	44	59.5	69	52.5	48	47	45.5
11	17:35:40	48	44	55.5	72	50.5	47.5	46.5	45.5

Leq for location = 49.6

Traffic Counts and Notes

Whittier Dr. Both Dir.			Noise Meter Settings:	Larson-Davis, 700, SN B3255
For Period	Per Hour	%		
Autos	16	87	100%	Weighting: A
Med. Trks.	0	0	0%	Exchange Rate: 3
Hvy. Trks.	0	0	0%	Location is 50' s/o CL Whittier, 5' above grade. Speed = 25 mph.
Total	16	87	100%	Approx. 900' west of Storke Rd., not a major source.



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Table G-1. Results of Noise Measurements

Location 4: Phelps Road, southeast of Cannon Green (11/3/03)

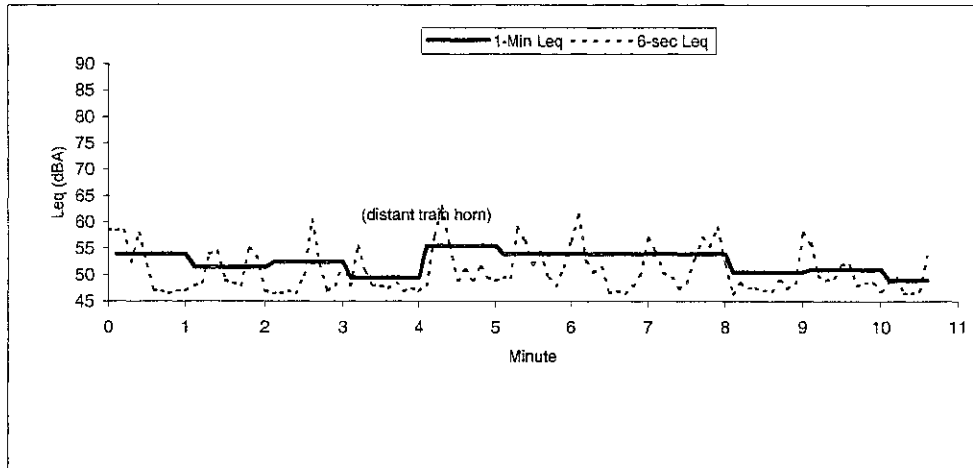
Min. No.	Time	Leq	Lmin	Lmax	Lpk	L10	L33	L50	L90
1	17:45:29	54	43.5	63.5	73	59.5	52.5	49	46
2	17:46:29	51.5	44.5	58.5	67.5	56.5	50.5	49	47
3	17:47:29	52.5	44	66	73	56.5	48.5	47.5	45.5
4	17:48:29	49.5	44.5	69	77.5	51	48	47.5	46
5	17:49:29	55.5	46	68	81	59.5	52	50	47
6	17:50:29	54	44.5	66	78	58.5	53	50	47
7	17:51:29	54	44.5	66	75.5	59	51	48.5	46
8	17:52:29	54	45	64	72	58.5	54	51.5	47.5
9	17:53:29	50.5	43.5	67	76	51.5	48	47	45.5
10	17:54:29	51	44.5	64	73.5	54	50	49	46.5
11	17:55:29	49	44	67.5	99.5	49.5	47	46.5	45.5

Leq for location = 52.8

Traffic Counts and Notes

Phelps Rd. Both Dir.			
	For Period	Per Hour	%
Autos	11	60	100%
Med. Trks.	0	0	0%
Hvy. Trks.	0	0	0%
Total	11	60	100%

Noise Meter Settings: Larson-Davis, 700, SN B3255
 Detector: Slow
 Weighting: A
 Exchange Rate: 3
 Location is 50' south of Phelps Rd. Speed = 25 mph.



Open Space Plan, and LRDP Amendment EIR

Table G-1. Results of Noise Measurements

Location 5: Hollister Avenue near Comstock Homes Site (11/10/03)

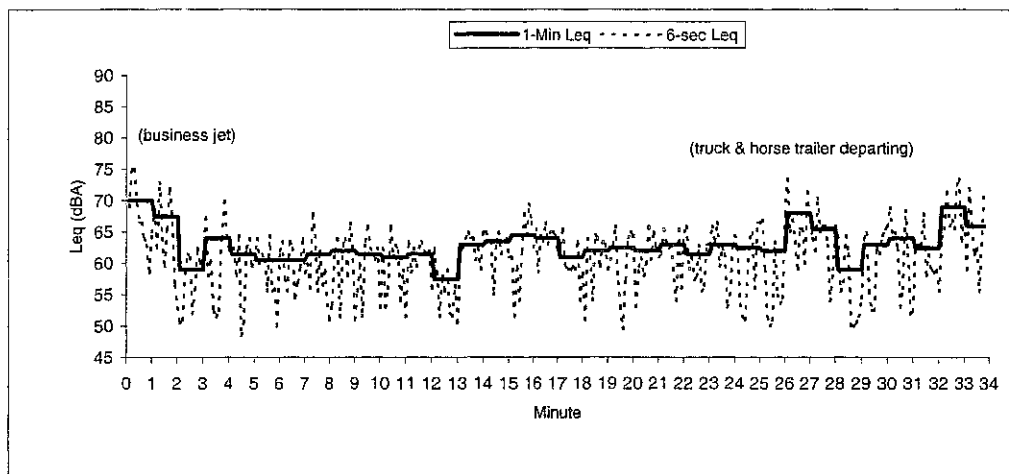
Min. No.	Time	Leq	Lmin	Lmax	Lpk	L10	L33	L50	L90
1	16:51:55	70	54	79	89	74.5	69	66.5	58
2	16:52:55	67.5	49.5	79.5	90.5	72	66	63	54
3	16:53:55	59	46	67.5	77.5	64	58.5	56	49.5
4	16:54:55	64	49	76	84	69	62	58	51.5
5	16:55:55	61.5	46	73	81.5	65.5	61	58.5	49
6	16:56:55	60.5	47	72	81	65	60	57	50
7	16:57:55	60.5	48	72.5	81	65	60	56.5	51
8	16:58:55	61.5	45.5	74	84	66	58.5	55.5	50
9	16:59:55	62	48	71.5	82	67	62	57.5	50.5
10	17:00:55	61.5	48	71.5	80.5	65.5	60.5	58	51
11	17:01:55	61	47.5	71.5	80.5	65.5	60	57	51.5
12	17:02:55	61.5	49.5	70	80.5	66.5	61.5	58.5	53
13	17:03:55	57.5	47.5	72	91.5	61.5	54	52.5	49.5
14	17:04:55	63	47.5	78	89.5	66	63.5	62	55
15	17:05:55	63.5	50	71	80	66.5	63.5	62	55.5
16	17:06:55	64.5	48.5	74.5	83	69	64	60.5	52
17	17:07:55	64	53	78	89	67.5	64	62	56
18	17:08:55	61	48.5	71	85.5	65.5	60.5	57.5	53
19	17:09:55	62	49	71.5	81	65.5	62	58	51.5
20	17:10:55	62.5	47	71.5	79.5	66.5	62.5	59.5	50.5
21	17:11:55	62	49	71	79	66	61.5	59.5	52.5
22	17:12:55	63	49	79	88.5	66.5	62.5	59.5	53
23	17:13:55	61.5	52.5	69.5	79.5	65.5	61	58.5	55.5
24	17:14:55	63	50.5	71.5	80.5	67.5	63.5	61	53.5
25	17:15:55	62.5	48.5	71.5	80.5	67.5	62.5	57.5	51
26	17:16:55	62	47.5	73	83.5	67.5	57	54	50
27	17:17:55	68	53	78.5	91	72	67	65	57
28	17:18:55	65.5	51	74	84	69.5	65.5	63	54
29	17:19:55	59	46.5	69.5	79	64.5	55.5	52.5	49.5
30	17:20:55	63	49	71.5	80.5	67	64	61	52
31	17:21:55	64	50.5	73	82	69	64	57	51.5
32	17:22:55	62.5	49.5	72.5	90.5	67	61.5	58.5	52.5
33	17:23:55	69	54	82	90	72.5	67.5	66	59.5
34	17:24:55	66	51	80.5	88	67.5	63.5	61	54.5

Leq for location = 63.9

Traffic Counts and Notes

Hollister Ave. Both Dir.			
	For Period	Per Hour	%
Autos	347	612	98%
Med. Trks.	7	12	2%
Hvy. Trks.	0	0	0%
Total	354	625	100%

Noise Meter Settings: Larson-Davis, 700, SN B3255
 Detector: Slow
 Weighting: A
 Exchange Rate: 3
 Location is 50' south of Hollister Ave. Speed = 40 mph.



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Table G-2. Traffic Volumes and Noise Levels in the UCSB North and West Campus Areas

Roadway & Timeframe	Location	ADT	Ldn (dBA) @ 50 Feet	Ldn (dBA) @ 100 Feet	From Roadway Centerline			
					Distance (feet) to 70 Ldn Contour	Distance (feet) to 65 Ldn Contour	Distance (feet) to 60 Ldn Contour	Distance (feet) to 55 Ldn Contour
Existing								
US Highway 101	w/o Glen Annie/Storke Rd.	38,000	78.3	75.2	178	383	825	1,777
	w/ Los Carneros	60,000	80.2	77.2	241	519	1,118	2,409
Hollister Ave.	w/o Cannon Green Drive	19,000	70.5	67.5	54	116	251	540
	w/o Storke Rd.	28,500	72.3	69.3	71	152	328	708
	w/o Los Carneros Rd.	18,000	70.3	67.3	52	112	242	521
	e/o Los Carneros Rd.	21,300	71.0	68.0	58	126	270	583
	w/o Fairview Ave.	21,700	69.8	66.8	48	104	224	483
Phelps Road	w/o Pacific Oaks (estimate)	2,000	57.9	54.9	8	17	36	78
	w/o Storke Rd.	4,250	61.2	58.2	13	28	60	129
Whittier Drive	w/o Storke Rd.	2,000	56.3	53.3	6	13	28	61
El Colegio Road	w/o Los Carneros Rd.	20,600	70.1	67.1	51	109	235	507
	e/o Los Carneros Rd.	21,500	69.3	66.3	45	96	207	447
	nw/o Ocean Road	14,400	66.5	63.5	29	63	135	291
Cannon Green Drive	s/o Hollister Ave.	3,700	60.6	57.6	12	25	55	117
	Pacific Oaks	s/o Hollister Ave.	3,600	60.4	57.4	12	25	54
Phelps Road	s/o Phelps Rd.	1,350	56.2	53.2	6	13	28	60
	Glen Annie Road	n/o Calle Real	6,050	66.0	63.0	27	58	125
Storke Road	n/o Hollister Ave.	29,400	73.9	70.9	91	196	422	910
	s/o Hollister Ave.	21,000	72.4	69.4	73	157	337	727
	s/o Phelps Rd. (estimate)	20,500	71.3	68.3	61	131	282	608
	n/o El Colegio Rd.	15,800	68.9	65.9	42	92	197	425
Los Carneros Road	n/o Hollister Ave.	18,100	71.8	68.8	66	142	306	658
	s/o Hollister Ave.	22,900	72.8	69.8	77	166	357	770
	n/o El Colegio Rd.	18,900	70.9	67.9	58	124	267	576

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Table G-2. Traffic Volumes and Noise Levels in the UCSB North and West Campus Areas

Roadway & Timeframe	Location	ADT	From Roadway Centerline					
			Ldn (dBA) @ 50 Feet	Ldn (dBA) @ 100 Feet	Distance (feet) to 70 Ldn Contour	Distance (feet) to 65 Ldn Contour	Distance (feet) to 60 Ldn Contour	Distance (feet) to 55 Ldn Contour
Existing + Project								
US Highway 101	w/o Glen Annie/Storke Rd.	38,071	78.3	75.3	178	383	826	1,779
	w/ Los Carneros	61,386	80.3	77.3	245	527	1,135	2,446
Hollister Ave.	w/o Cannon Green Drive	19,094	70.5	67.5	54	117	251	542
	w/o Storke Rd.	29,265	72.4	69.4	72	155	334	720
	w/o Los Carneros Rd.	18,492	70.4	67.4	53	114	246	530
	e/o Los Carneros Rd.	21,660	71.1	68.1	59	127	274	589
	w/o Fairview Ave.	22,031	69.8	66.8	49	105	226	488
Phelps Road	w/o Pacific Oaks (estimate)	3,000	59.7	56.6	10	22	47	102
	w/o Storke Rd.	5,118	62.0	59.0	15	31	68	146
Whittier Drive	w/o Storke Rd.	2,207	56.7	53.7	7	14	30	65
El Colegio Road	w/o Los Carneros Rd.	21,298	70.2	67.2	52	112	241	518
	e/o Los Carneros Rd.	22,160	69.4	66.4	46	98	212	456
	nw/o Ocean Road	14,828	66.6	63.6	30	64	138	296
Cannon Green Drive	s/o Hollister Ave.	4,322	61.2	58.2	13	28	60	130
Pacific Oaks	s/o Hollister Ave.	4,002	60.9	57.9	12	27	57	124
	s/o Phelps Rd.	1,550	56.8	53.8	7	14	31	66
Glen Annie Road	n/o Calle Real	6,111	66.0	63.0	27	58	126	271
Storke Road	n/o Hollister Ave.	30,900	74.1	71.1	94	203	436	940
	s/o Hollister Ave.	22,461	72.7	69.7	76	164	353	760
	s/o Phelps Rd. (estimate)	21,000	71.4	68.4	62	133	287	618
	n/o El Colegio Rd.	16,788	69.2	66.2	44	95	205	442
Los Carneros Road	n/o Hollister Ave.	18,186	71.8	68.8	66	142	306	660
	s/o Hollister Ave.	22,897	72.8	69.8	77	166	357	770
	n/o El Colegio Rd.	18,938	70.9	67.9	58	124	268	577

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Table G-2. Traffic Volumes and Noise Levels in the UCSB North and West Campus Areas

Roadway & Timeframe	Location	ADT	Ldn (dBA) @ 50 Feet	Ldn (dBA) @ 100 Feet	From Roadway Centerline			
					Distance (feet) to 70 Ldn Contour	Distance (feet) to 65 Ldn Contour	Distance (feet) to 60 Ldn Contour	Distance (feet) to 55 Ldn Contour
Existing + Alternative 1								
US Highway 101	w/o Glen Annie/Storke Rd.	38,068	78.3	75.3	178	383	826	1,779
	w/ Los Carneros	61,304	80.3	77.3	244	527	1,134	2,444
Hollister Ave.	w/o Cannon Green Drive	19,090	70.5	67.5	54	117	251	542
	w/o Storke Rd.	28,617	72.3	69.3	71	153	329	709
	w/o Los Carneros Rd.	18,441	70.4	67.4	53	114	246	529
	e/o Los Carneros Rd.	21,643	71.1	68.1	59	127	273	589
	w/o Fairview Ave.	22,009	69.8	66.8	49	105	226	488
Phelps Road	w/o Pacific Oaks (estimate)	3,000	59.7	56.6	10	22	47	102
	w/o Storke Rd. (no change)	5,118	62.0	59.0	15	31	68	146
Whittier Drive	w/o Storke Rd.	2,140	56.6	53.6	6	14	30	64
El Colegio Road	w/o Los Carneros Rd.	21,302	70.2	67.2	52	112	241	518
	e/o Los Carneros Rd.	22,164	69.4	66.4	46	98	212	456
	nw/o Ocean Road	14,814	66.6	63.6	30	64	138	296
Cannon Green Drive	s/o Hollister Ave. (no change)	4,322	61.2	58.2	13	28	60	130
Pacific Oaks	s/o Hollister Ave. (no change)	4,002	60.9	57.9	12	27	57	124
	s/o Phelps Rd. (no change)	1,550	56.8	53.8	7	14	31	66
Glen Annie Road	n/o Calle Real	6,108	66.0	63.0	27	58	126	271
Storke Road	n/o Hollister Ave.	30,830	74.1	71.1	94	202	436	939
	s/o Hollister Ave.	23,288	72.9	69.9	78	168	361	779
	s/o Phelps Rd. (estimate)	21,000	71.4	68.4	62	133	287	618
	n/o El Colegio Rd.	16,747	69.2	66.2	44	95	205	442
Los Carneros Road	n/o Hollister Ave.	18,182	71.8	68.8	66	142	306	660
	s/o Hollister Ave. (same)	22,897	72.8	69.8	77	166	357	770
	n/o El Colegio Rd. (same)	18,938	70.9	67.9	58	124	268	577

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Table G-2. Traffic Volumes and Noise Levels in the UCSB North and West Campus Areas

Roadway & Timeframe	Location	ADT	Ldn (dBA) @ 50 Feet	Ldn (dBA) @ 100 Feet	From Roadway Centerline			
					Distance (feet) to 70 Ldn Contour	Distance (feet) to 65 Ldn Contour	Distance (feet) to 60 Ldn Contour	Distance (feet) to 55 Ldn Contour
Cumulative								
US Highway 101	w/o Glen Annie/Storke Rd.	43,229	78.8	75.8	194	417	899	1,936
	w/ Los Carneros	66,432	80.7	77.7	258	556	1,197	2,579
Hollister Ave.	w/o Cannon Green Drive	20,906	70.9	67.9	58	124	267	576
	w/o Storke Rd.	30,135	72.5	69.5	73	158	341	734
	w/o Los Carneros Rd.	17,708	70.2	67.2	52	111	239	515
	e/o Los Carneros Rd.	24,740	71.6	68.6	64	139	299	644
	w/o Fairview Ave.	30,469	71.2	68.2	61	130	281	606
Phelps Road	w/o Pacific Oaks (estimate)	3,000	59.7	56.6	10	22	47	102
	w/o Storke Rd.	5,502	62.3	59.3	15	33	71	153
Whittler Drive	w/o Storke Rd.	2,693	57.6	54.6	7	16	35	75
El Colegio Road	w/o Los Carneros Rd.	22,242	70.4	67.4	53	115	248	534
	e/o Los Carneros Rd.	26,459	70.2	67.2	51	111	238	513
	nw/o Ocean Road	16,191	67.0	64.0	31	68	146	314
Cannon Green Drive	s/o Hollister Ave.	3,778	60.7	57.6	12	26	55	119
Pacific Oaks	s/o Hollister Ave.	6,698	63.1	60.1	17	38	81	175
	s/o Phelps Rd.	1,470	56.6	53.5	6	14	29	63
Glen Annie Road	n/o Calle Real	6,639	66.4	63.4	29	62	133	287
Storke Road	n/o Hollister Ave.	29,800	74.0	70.9	92	198	426	918
	s/o Hollister Ave.	22,639	72.8	69.8	76	165	355	764
	s/o Phelps Rd. (estimate)	21,500	71.5	68.5	63	135	291	628
	n/o El Colegio Rd.	15,452	68.8	65.8	42	90	194	419
Los Carneros Road	n/o Hollister Ave.	23,414	72.9	69.9	78	168	363	781
	s/o Hollister Ave.	25,303	73.2	70.2	82	177	382	823
	n/o El Colegio Rd.	22,883	71.8	68.7	65	141	304	654

Faculty and Family Student Housing, Open Space Plan, and LRDP Amendment EIR

Table G-2. Traffic Volumes and Noise Levels in the UCSB North and West Campus Areas

Roadway & Timeframe	Location	ADT	From Roadway Centerline					
			Ldn (dBA) @ 50 Feet	Ldn (dBA) @ 100 Feet	Distance (feet) to 70 Ldn Contour	Distance (feet) to 65 Ldn Contour	Distance (feet) to 60 Ldn Contour	Distance (feet) to 55 Ldn Contour
Cumulative + Project								
US Highway 101	w/o Glen Annie/Storke Rd.	43,300	78.8	75.8	194	418	900	1,938
	w/ Los Carneros	67,800	80.8	77.8	261	563	1,213	2,614
Hollister Ave.	w/o Cannon Green Drive	21,000	70.9	67.9	58	124	268	577
	w/o Storke Rd.	30,900	72.6	69.6	75	161	347	747
	w/o Los Carneros Rd.	18,200	70.3	67.3	52	113	244	525
	e/o Los Carneros Rd.	25,100	71.7	68.7	65	140	302	650
	w/o Fairview Ave.	30,800	71.3	68.3	61	131	283	610
Phelps Road	w/o Pacific Oaks (estimate)	3,500	60.3	57.3	11	24	53	113
	w/o Storke Rd.	6400	62.9	59.9	17	36	79	169
Whittier Drive	w/o Storke Rd.	2,900	57.9	54.9	8	17	36	78
El Colegio Road	w/o Los Carneros Rd.	22,700	70.5	67.5	54	117	251	541
	e/o Los Carneros Rd.	26,900	70.2	67.2	52	112	241	519
	nw/o Ocean Road	16,400	67.0	64.0	32	68	147	317
Cannon Green Drive	s/o Hollister Ave.	4,400	61.3	58.3	13	28	61	132
Pacific Oaks	s/o Hollister Ave.	7,100	63.4	60.4	18	39	84	181
	s/o Phelps Rd.	1,700	57.2	54.2	7	15	32	70
Glen Annie Road	n/o Calle Real	6,700	66.4	63.4	29	62	134	288
Storke Road	n/o Hollister Ave.	31,300	74.2	71.2	95	204	440	948
	s/o Hollister Ave.	24,100	73.0	70.0	80	172	370	797
	s/o Phelps Rd. (estimate)	21,500	71.5	68.5	63	135	291	628
	n/o El Colegio Rd.	16,200	69.0	66.0	43	93	201	432
Los Carneros Road	n/o Hollister Ave.	23,500	72.9	69.9	78	169	364	783
	s/o Hollister Ave.	25,300	73.2	70.2	82	177	382	823
	n/o El Colegio Rd.	22,900	71.8	68.7	65	141	304	655

Faculty and Family Student Housing, Open Space Plan, and LRDP Amendment EIR

Table G-2. Traffic Volumes and Noise Levels in the UCSB North and West Campus Areas

Roadway & Timeframe	Location	ADT	Ldn (dBA) @ 50 Feet	Ldn (dBA) @ 100 Feet	From Roadway Centerline			
					Distance (feet) to 70 Ldn Contour	Distance (feet) to 65 Ldn Contour	Distance (feet) to 60 Ldn Contour	Distance (feet) to 55 Ldn Contour
Cumulative + Alternative 1								
US Highway 101	w/o Glen Annie/Storke Rd.	43,297	78.8	75.8	194	418	900	1,938
	w/ Los Carneros	67,736	80.8	77.8	261	563	1,212	2,612
Hollister Ave.	w/o Cannon Green Drive	20,996	70.9	67.9	58	124	268	577
	w/o Storke Rd.	30,252	72.5	69.5	74	159	342	736
	w/o Los Carneros Rd.	18,149	70.3	67.3	52	113	243	524
	e/o Los Carneros Rd.	25,083	71.7	68.7	65	140	302	650
	w/o Fairview Ave.	30,778	71.3	68.3	61	131	283	610
Phelps Road	w/o Pacific Oaks (estimate)	3,000	59.7	56.6	10	22	47	102
	w/o Storke Rd. (no change)	5,118	62.0	59.0	15	31	68	146
Whittier Drive	w/o Storke Rd.	2,833	57.8	54.8	8	17	36	77
El Colegio Road	w/o Los Carneros Rd.	22,808	70.5	67.5	54	117	252	543
	e/o Los Carneros Rd.	26,992	70.3	67.2	52	112	241	520
	nw/o Ocean Road	16,466	67.0	64.0	32	68	148	318
Cannon Green Drive	s/o Hollister Ave. (no change)	4,322	61.2	58.2	13	28	60	130
Pacific Oaks	s/o Hollister Ave. (no change)	4,002	60.9	57.9	12	27	57	124
	s/o Phelps Rd. (no change)	1,550	56.8	53.8	7	14	31	66
Glen Annie Road	n/o Calle Real	6,697	66.4	63.4	29	62	134	288
Storke Road	n/o Hollister Ave.	31,230	74.2	71.1	95	204	440	947
	s/o Hollister Ave.	24,927	73.2	70.2	81	176	378	815
	s/o Phelps Rd. (estimate)	21,000	71.4	68.4	62	133	287	618
	n/o El Colegio Rd.	16,208	69.0	66.0	43	93	201	432
Los Carneros Road	n/o Hollister Ave.	23,496	72.9	69.9	78	169	364	783
	s/o Hollister Ave. (same)	25,300	73.2	70.2	82	177	382	823
	n/o El Colegio Rd. (same)	22,900	71.8	68.7	65	141	304	655

Faculty and Family Student Housing, Open Space Plan, and LRDP Amendment EIR

Table G-2. Traffic Volumes and Noise Levels in the UCSB North and West Campus Areas

Roadway & Timeframe	Location	ADT	Assumptions for:			Daytime			Nighttime		
			% Autos	% MT	% HT	Auto/hr	MT/hr	HT/hr	Auto/hr	MT/hr	HT/hr
Existing											
US Highway 101	w/o Glen Annie/Storke Rd.	38,000	92.0%	2.0%	6.0%	1981	43	129	583	13	38
	w/ Los Carneros	60,000	92.0%	2.0%	6.0%	3128	68	204	920	20	60
Hollister Ave.	w/o Cannon Green Drive	19,000	95.0%	4.0%	1.0%	1023	43	11	301	13	3
	w/o Storke Rd.	28,500	95.0%	4.0%	1.0%	1534	65	16	451	19	5
	w/o Los Carneros Rd.	18,000	95.0%	4.0%	1.0%	969	41	10	285	12	3
	e/o Los Carneros Rd.	21,300	95.0%	4.0%	1.0%	1147	48	12	337	14	4
Phelps Road	w/o Fairview Ave.	21,700	95.0%	4.0%	1.0%	1168	49	12	344	14	4
	w/o Pacific Oaks (estimate)	2,000	97.0%	2.0%	1.0%	110	2	1	32	1	0
Whittier Drive	w/o Storke Rd.	4,250	97.0%	2.0%	1.0%	234	5	2	69	1	1
		2,000	97.0%	2.0%	1.0%	110	2	1	32	1	0
El Colegio Road	w/o Storke Rd.	2,000	97.0%	2.0%	1.0%	110	2	1	32	1	0
	w/o Los Carneros Rd.	20,600	95.0%	3.0%	2.0%	1109	35	23	326	10	7
	e/o Los Carneros Rd.	21,500	97.0%	2.0%	1.0%	1182	24	12	348	7	4
Cannon Green Drive	nw/o Ocean Road	14,400	97.0%	2.0%	1.0%	792	16	8	233	5	2
	s/o Hollister Ave.	3,700	97.0%	2.0%	1.0%	203	4	2	60	1	1
Pacific Oaks	s/o Hollister Ave.	3,600	97.0%	2.0%	1.0%	198	4	2	58	1	1
	s/o Phelps Rd.	1,350	97.0%	2.0%	1.0%	74	2	1	22	0	0
Glen Annie Road	n/o Calle Real	6,050	95.0%	3.0%	2.0%	326	10	7	96	3	2
Storke Road	n/o Hollister Ave.	29,400	93.0%	3.0%	4.0%	1549	50	67	456	15	20
	s/o Hollister Ave.	21,000	93.0%	3.0%	4.0%	1107	36	48	326	11	14
	s/o Phelps Rd. (estimate)	20,500	95.0%	3.0%	2.0%	1104	35	23	325	10	7
	n/o El Colegio Rd.	15,800	95.0%	3.0%	2.0%	851	27	18	250	8	5
Los Carneros Road	n/o Hollister Ave.	18,100	93.0%	3.0%	4.0%	954	31	41	281	9	12
	s/o Hollister Ave.	22,900	93.0%	3.0%	4.0%	1207	39	52	355	11	15
	n/o El Colegio Rd.	18,900	95.0%	3.0%	2.0%	1017	32	21	299	9	6

Faculty and Family Student Housing, Open Space Plan, and LRDP Amendment EIR

Table G-2. Traffic Volumes and Noise Levels in the UCSB North and West Campus Areas

Roadway & Timeframe	Location	ADT	Assumptions for:			Daytime			Nighttime			
			% Autos	% MT	% HT	Auto/hr	MT/hr	HT/hr	Auto/hr	MT/hr	HT/hr	
Existing + Project												
US Highway 101	w/o Glen Annie/Storke Rd.	38,071	92.0%	2.0%	6.0%	1985	43	129	584	13	38	
	w/ Los Carneros	61,386	92.0%	2.0%	6.0%	3200	70	209	941	20	61	
Hollister Ave.	w/o Cannon Green Drive	19,094	95.0%	4.0%	1.0%	1028	43	11	302	13	3	
	w/o Storke Rd.	29,265	95.0%	4.0%	1.0%	1575	66	17	463	20	5	
	w/o Los Carneros Rd.	18,492	95.0%	4.0%	1.0%	995	42	10	293	12	3	
	e/o Los Carneros Rd.	21,660	95.0%	4.0%	1.0%	1166	49	12	343	14	4	
Phelps Road	w/o Pacific Oaks (estimate)	3,000	97.0%	2.0%	1.0%	165	3	2	49	1	1	
	w/o Storke Rd.	5,118	97.0%	2.0%	1.0%	281	6	3	83	2	1	
Whittier Drive	w/o Storke Rd.	2,207	97.0%	2.0%	1.0%	121	3	1	36	1	0	
El Colegio Road	w/o Los Carneros Rd.	21,298	95.0%	3.0%	2.0%	1147	36	24	337	11	7	
	e/o Los Carneros Rd.	22,160	97.0%	2.0%	1.0%	1218	25	13	358	7	4	
	nw/o Ocean Road	14,828	97.0%	2.0%	1.0%	815	17	8	240	5	2	
Cannon Green Drive	s/o Hollister Ave.	4,322	97.0%	2.0%	1.0%	238	5	2	70	1	1	
Pacific Oaks	s/o Hollister Ave.	4,002	97.0%	2.0%	1.0%	220	5	2	65	1	1	
	s/o Phelps Rd.	1,550	97.0%	2.0%	1.0%	85	2	1	25	1	0	
Glen Annie Road	n/o Calle Real	6,111	95.0%	3.0%	2.0%	329	10	7	97	3	2	
Storke Road	n/o Hollister Ave.	30,900	93.0%	3.0%	4.0%	1628	53	70	479	15	21	
	s/o Hollister Ave.	22,461	93.0%	3.0%	4.0%	1184	38	51	348	11	15	
	s/o Phelps Rd. (estimate)	21,000	95.0%	3.0%	2.0%	1131	36	24	333	11	7	
	n/o El Colegio Rd.	16,788	95.0%	3.0%	2.0%	904	29	19	266	8	6	
Los Carneros Road	n/o Hollister Ave.	18,186	93.0%	3.0%	4.0%	958	31	41	282	9	12	
	s/o Hollister Ave.	22,897	93.0%	3.0%	4.0%	1207	39	52	355	11	15	
	n/o El Colegio Rd.	18,938	95.0%	3.0%	2.0%	1019	32	21	300	9	6	

Faculty and Family Student Housing, Open Space Plan, and LRDP Amendment EIR

Table G-2. Traffic Volumes and Noise Levels in the UCSB North and West Campus Areas

Roadway & Timeframe	Location	ADT	Assumptions for:			Daytime			Nighttime		
			% Autos	% MT	% HT	Auto/hr	MT/hr	HT/hr	Auto/hr	MT/hr	HT/hr
Existing + Alternative 1											
US Highway 101	w/o Glen Annie/Storke Rd.	38,068	92.0%	2.0%	6.0%	1985	43	129	584	13	38
	w/ Los Carneros	61,304	92.0%	2.0%	6.0%	3196	69	208	940	20	61
Hollister Ave.	w/o Cannon Green Drive	19,090	95.0%	4.0%	1.0%	1028	43	11	302	13	3
	w/o Storke Rd.	28,617	95.0%	4.0%	1.0%	1541	65	16	453	19	5
	w/o Los Carneros Rd.	18,441	95.0%	4.0%	1.0%	993	42	10	292	12	3
	e/o Los Carneros Rd.	21,643	95.0%	4.0%	1.0%	1165	49	12	343	14	4
	w/o Fairview Ave.	22,009	95.0%	4.0%	1.0%	1185	50	12	348	15	4
Phelps Road	w/o Pacific Oaks (estimate)	3,000	97.0%	2.0%	1.0%	165	3	2	49	1	1
	w/o Storke Rd. (no change)	5,118	97.0%	2.0%	1.0%	281	6	3	83	2	1
Whittier Drive	w/o Storke Rd.	2,140	97.0%	2.0%	1.0%	118	2	1	35	1	0
El Colegio Road	w/o Los Carneros Rd.	21,302	95.0%	3.0%	2.0%	1147	36	24	337	11	7
	e/o Los Carneros Rd.	22,164	97.0%	2.0%	1.0%	1218	25	13	358	7	4
	nw/o Ocean Road	14,814	97.0%	2.0%	1.0%	814	17	8	239	5	2
Cannon Green Drive	s/o Hollister Ave. (no change)	4,322	97.0%	2.0%	1.0%	238	5	2	70	1	1
Pacific Oaks	s/o Hollister Ave. (no change)	4,002	97.0%	2.0%	1.0%	220	5	2	65	1	1
	s/o Phelps Rd. (no change)	1,550	97.0%	2.0%	1.0%	85	2	1	25	1	0
Glen Annie Road	n/o Calle Real	6,108	95.0%	3.0%	2.0%	329	10	7	97	3	2
Storke Road	n/o Hollister Ave.	30,830	93.0%	3.0%	4.0%	1625	52	70	478	15	21
	s/o Hollister Ave.	23,288	93.0%	3.0%	4.0%	1227	40	53	361	12	16
	s/o Phelps Rd. (estimate)	21,000	95.0%	3.0%	2.0%	1131	36	24	333	11	7
	n/o El Colegio Rd.	16,747	95.0%	3.0%	2.0%	902	28	19	265	8	6
Los Carneros Road	n/o Hollister Ave.	18,182	93.0%	3.0%	4.0%	958	31	41	282	9	12
	s/o Hollister Ave. (same)	22,897	93.0%	3.0%	4.0%	1207	39	52	355	11	15
	n/o El Colegio Rd. (same)	18,938	95.0%	3.0%	2.0%	1019	32	21	300	9	6

Faculty and Family Student Housing, Open Space Plan, and LRDP Amendment EIR

Table G-2. Traffic Volumes and Noise Levels in the UCSB North and West Campus Areas

Roadway & Timeframe	Location	ADT	Assumptions for:			Daytime			Nighttime		
			% Autos	% MT	% HT	Auto/hr	MT/hr	HT/hr	Auto/hr	MT/hr	HT/hr
Cumulative											
US Highway 101	w/o Glen Annie/Storke Rd.	43,229	92.0%	2.0%	6.0%	2254	49	147	663	14	43
	w/ Los Carneros	66,432	92.0%	2.0%	6.0%	3463	75	226	1019	22	66
Hollister Ave.	w/o Cannon Green Drive	20,906	95.0%	4.0%	1.0%	1125	47	12	331	14	3
	w/o Storke Rd.	30,135	95.0%	4.0%	1.0%	1622	68	17	477	20	5
	w/o Los Carneros Rd.	17,708	95.0%	4.0%	1.0%	953	40	10	280	12	3
	e/o Los Carneros Rd.	24,740	95.0%	4.0%	1.0%	1332	56	14	392	16	4
	w/o Fairview Ave.	30,469	95.0%	4.0%	1.0%	1640	69	17	482	20	5
Phelps Road	w/o Pacific Oaks (estimate)	3,000	97.0%	2.0%	1.0%	165	3	2	49	1	1
	w/o Storke Rd.	5,502	97.0%	2.0%	1.0%	302	6	3	89	2	1
Whittier Drive	w/o Storke Rd.	2,693	97.0%	2.0%	1.0%	148	3	2	44	1	0
El Colegio Road	w/o Los Carneros Rd.	22,242	95.0%	3.0%	2.0%	1197	38	25	352	11	7
	e/o Los Carneros Rd.	26,459	97.0%	2.0%	1.0%	1454	30	15	428	9	4
	nw/o Ocean Road	16,191	97.0%	2.0%	1.0%	890	18	9	262	5	3
Cannon Green Drive	s/o Hollister Ave.	3,778	97.0%	2.0%	1.0%	208	4	2	61	1	1
Pacific Oaks	s/o Hollister Ave.	6,698	97.0%	2.0%	1.0%	368	8	4	108	2	1
	s/o Phelps Rd.	1,470	97.0%	2.0%	1.0%	81	2	1	24	0	0
Glen Annie Road	n/o Calle Real	6,639	95.0%	3.0%	2.0%	357	11	8	105	3	2
Storke Road	n/o Hollister Ave.	29,800	93.0%	3.0%	4.0%	1570	51	68	462	15	20
	s/o Hollister Ave.	22,639	93.0%	3.0%	4.0%	1193	38	51	351	11	15
	s/o Phelps Rd. (estimate)	21,500	95.0%	3.0%	2.0%	1157	37	24	340	11	7
	n/o El Colegio Rd.	15,452	95.0%	3.0%	2.0%	832	26	18	245	8	5
Los Carneros Road	n/o Hollister Ave.	23,414	93.0%	3.0%	4.0%	1234	40	53	363	12	16
	s/o Hollister Ave.	25,303	93.0%	3.0%	4.0%	1333	43	57	392	13	17
	n/o El Colegio Rd.	22,883	95.0%	3.0%	2.0%	1232	39	26	362	11	8

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Table G-2. Traffic Volumes and Noise Levels in the UCSB North and West Campus Areas

Roadway & Timeframe	Location	ADT	Assumptions for:			Daytime			Nighttime		
			% Autos	% MT	% HT	Auto/hr	MT/hr	HT/hr	Auto/hr	MT/hr	HT/hr
Cumulative + Project											
US Highway 101	w/o Glen Annie/Storke Rd.	43,300	92.0%	2.0%	6.0%	2257	49	147	664	14	43
	w/ Los Carneros	67,800	92.0%	2.0%	6.0%	3535	77	231	1040	23	68
Hollister Ave.	w/o Cannon Green Drive	21,000	95.0%	4.0%	1.0%	1131	48	12	333	14	4
	w/o Storke Rd.	30,900	95.0%	4.0%	1.0%	1663	70	18	489	21	5
	w/o Los Carneros Rd.	18,200	95.0%	4.0%	1.0%	980	41	10	288	12	3
	e/o Los Carneros Rd. w/o Fairview Ave.	25,100 30,800	95.0% 95.0%	4.0% 4.0%	1.0% 1.0%	1351 1658	57 70	14 17	397 488	17 21	4 5
Phelps Road	w/o Pacific Oaks (estimate)	3,500	97.0%	2.0%	1.0%	192	4	2	57	1	1
	w/o Storke Rd.	6400	97.0%	2.0%	1.0%	352	7	4	103	2	1
Whittier Drive	w/o Storke Rd.	2,900	97.0%	2.0%	1.0%	159	3	2	47	1	0
El Colegio Road	w/o Los Carneros Rd.	22,700	95.0%	3.0%	2.0%	1222	39	26	359	11	8
	e/o Los Carneros Rd.	26,900	97.0%	2.0%	1.0%	1479	30	15	435	9	4
	nw/o Ocean Road	16,400	97.0%	2.0%	1.0%	901	19	9	265	5	3
Cannon Green Drive	s/o Hollister Ave.	4,400	97.0%	2.0%	1.0%	242	5	2	71	1	1
Pacific Oaks	s/o Hollister Ave.	7,100	97.0%	2.0%	1.0%	390	8	4	115	2	1
	s/o Phelps Rd.	1,700	97.0%	2.0%	1.0%	93	2	1	27	1	0
Glen Annie Road	n/o Calle Real	6,700	95.0%	3.0%	2.0%	361	11	8	106	3	2
Storke Road	n/o Hollister Ave.	31,300	93.0%	3.0%	4.0%	1650	53	71	485	16	21
	s/o Hollister Ave.	24,100	93.0%	3.0%	4.0%	1270	41	55	374	12	16
	s/o Phelps Rd. (estimate)	21,500	95.0%	3.0%	2.0%	1157	37	24	340	11	7
	n/o El Colegio Rd.	16,200	95.0%	3.0%	2.0%	872	28	18	257	8	5
Los Carneros Road	n/o Hollister Ave.	23,500	93.0%	3.0%	4.0%	1238	40	53	364	12	16
	s/o Hollister Ave.	25,300	93.0%	3.0%	4.0%	1333	43	57	392	13	17
	n/o El Colegio Rd.	22,900	95.0%	3.0%	2.0%	1233	39	26	363	11	8

Faculty and Family Student Housing, Open Space Plan, and LRDP Amendment EIR

Table G-2. Traffic Volumes and Noise Levels in the UCSB North and West Campus Areas

Roadway & Timeframe	Location	ADT	Assumptions for:			Daytime			Nighttime		
			% Autos	% MT	% HT	Auto/hr	MT/hr	HT/hr	Auto/hr	MT/hr	HT/hr
Cumulative + Alternative 1											
US Highway 101	w/o Glen Annie/Storke Rd.	43,297	92.0%	2.0%	6.0%	2257	49	147	664	14	43
	w/ Los Carneros	67,736	92.0%	2.0%	6.0%	3531	77	230	1039	23	68
Hollister Ave.	w/o Cannon Green Drive	20,996	95.0%	4.0%	1.0%	1130	48	12	332	14	3
	w/o Storke Rd.	30,252	95.0%	4.0%	1.0%	1629	69	17	479	20	5
	w/o Los Carneros Rd.	18,149	95.0%	4.0%	1.0%	977	41	10	287	12	3
	e/o Los Carneros Rd.	25,083	95.0%	4.0%	1.0%	1350	57	14	397	17	4
	w/o Fairview Ave.	30,778	95.0%	4.0%	1.0%	1657	70	17	487	21	5
Phelps Road	w/o Pacific Oaks (estimate)	3,000	97.0%	2.0%	1.0%	165	3	2	49	1	1
	w/o Storke Rd. (no change)	5,118	97.0%	2.0%	1.0%	281	6	3	83	2	1
Whittier Drive	w/o Storke Rd.	2,833	97.0%	2.0%	1.0%	156	3	2	46	1	0
El Colegio Road	w/o Los Carneros Rd.	22,808	95.0%	3.0%	2.0%	1228	39	26	361	11	8
	e/o Los Carneros Rd.	26,992	97.0%	2.0%	1.0%	1484	31	15	436	9	4
	nw/o Ocean Road	16,466	97.0%	2.0%	1.0%	905	19	9	266	5	3
Cannon Green Drive	s/o Hollister Ave. (no change)	4,322	97.0%	2.0%	1.0%	238	5	2	70	1	1
Pacific Oaks	s/o Hollister Ave. (no change)	4,002	97.0%	2.0%	1.0%	220	5	2	65	1	1
	s/o Phelps Rd. (no change)	1,550	97.0%	2.0%	1.0%	85	2	1	25	1	0
Glen Annie Road	n/o Calle Real	6,697	95.0%	3.0%	2.0%	361	11	8	106	3	2
Storke Road	n/o Hollister Ave.	31,230	93.0%	3.0%	4.0%	1646	53	71	484	16	21
	s/o Hollister Ave.	24,927	93.0%	3.0%	4.0%	1314	42	57	386	12	17
	s/o Phelps Rd. (estimate)	21,000	95.0%	3.0%	2.0%	1131	36	24	333	11	7
	n/o El Colegio Rd.	16,208	95.0%	3.0%	2.0%	873	28	18	257	8	5
Los Carneros Road	n/o Hollister Ave.	23,496	93.0%	3.0%	4.0%	1238	40	53	364	12	16
	s/o Hollister Ave. (same)	25,300	93.0%	3.0%	4.0%	1333	43	57	392	13	17
	n/o El Colegio Rd. (same)	22,900	95.0%	3.0%	2.0%	1233	39	26	363	11	8

Faculty and Family Student Housing, Open Space Plan, and LRDP Amendment EIR

Table G-2. Traffic Volumes and Noise Levels in the UCSB North and West Campus Areas

Roadway & Timeframe	Location	ADT	Speed	REMLS (50 ft)						Daytime Leq (dBA)			Nighttime Leq (dBA)	
				Autos	MT	HT	LD Autos	LD MT	LD HT	LD	LN Autos	LN MT	LN HT	LN
Existing														
US Highway 101	w/o Glen Annie/Storke Rd.	38,000	55	72.7	79.9	83.8	73.0	63.5	72.2	75.9	67.7	58.2	66.9	70.6
	w/ Los Carneros	60,000	55	72.7	79.9	83.8	75.0	65.5	74.2	77.9	69.7	60.2	68.9	72.6
Hollister Ave.	w/o Cannon Green Drive	19,000	40	67.4	76.3	81.2	66.1	61.3	60.2	68.1	60.8	56.0	54.8	62.8
	w/o Storke Rd.	28,500	40	67.4	76.3	81.2	67.9	63.1	61.9	69.9	62.6	57.8	56.6	64.6
	w/o Los Carneros Rd.	18,000	40	67.4	76.3	81.2	65.9	61.1	59.9	67.9	60.6	55.8	54.6	62.6
	e/o Los Carneros Rd.	21,300	40	67.4	76.3	81.2	66.6	61.8	60.6	68.6	61.3	56.5	55.3	63.3
	w/o Fairview Ave.	21,700	35	65.1	74.8	80.0	65.0	61.0	60.2	67.4	59.7	55.7	54.9	62.1
Phelps Road	w/o Pacific Oaks (estimate)	2,000	30	62.5	73.1	80.3	52.8	46.6	50.7	55.5	47.5	41.3	45.4	50.2
	w/o Storke Rd.	4,250	30	62.5	73.1	80.3	56.1	49.9	54.0	58.8	50.8	44.5	48.7	53.5
Whittier Drive	w/o Storke Rd.	2,000	25	59.4	71.1	78.7	50.6	45.4	50.0	53.9	45.2	40.0	44.7	48.6
El Colegio Road	w/o Los Carneros Rd.	20,600	35	65.1	74.8	80.0	64.8	59.5	63.0	67.7	59.5	54.2	57.7	62.4
	e/o Los Carneros Rd.	21,500	35	65.1	74.8	80.0	65.1	57.9	60.2	66.9	59.8	52.6	54.8	61.6
	nw/o Ocean Road	14,400	30	62.5	73.1	80.3	61.4	55.2	59.3	64.1	56.1	49.8	54.0	58.8
Cannon Green Drive	s/o Hollister Ave.	3,700	30	62.5	73.1	80.3	55.5	49.3	53.4	58.2	50.2	43.9	48.1	52.9
Pacific Oaks	s/o Hollister Ave.	3,600	30	62.5	73.1	80.3	55.4	49.1	53.3	58.1	50.1	43.8	48.0	52.8
	s/o Phelps Rd.	1,350	30	62.5	73.1	80.3	51.1	44.9	49.0	53.8	45.8	39.6	43.7	48.5
Glen Annie Road	n/o Calle Real	6,050	40	67.4	76.3	81.2	61.2	55.1	58.2	63.6	55.8	49.8	52.9	58.3
Storke Road	n/o Hollister Ave.	29,400	40	67.4	76.3	81.2	67.9	62.0	68.1	71.5	62.6	56.7	62.8	66.2
	s/o Hollister Ave.	21,000	40	67.4	76.3	81.2	66.5	60.5	66.6	70.1	61.2	55.2	61.3	64.7
	s/o Phelps Rd. (estimate)	20,500	40	67.4	76.3	81.2	66.5	60.4	63.5	68.9	61.1	55.1	58.2	63.6
	n/o El Colegio Rd.	15,800	35	65.1	74.8	80.0	63.7	58.4	61.8	66.6	58.3	53.1	56.5	61.2
Los Carneros Road	n/o Hollister Ave.	18,100	40	67.4	76.3	81.2	65.8	59.9	66.0	69.4	60.5	54.6	60.6	64.1
	s/o Hollister Ave.	22,900	40	67.4	76.3	81.2	66.8	60.9	67.0	70.4	61.5	55.6	61.7	65.1
	n/o El Colegio Rd.	18,900	40	67.4	76.3	81.2	66.1	60.1	63.1	68.5	60.8	54.7	57.8	63.2

Faculty and Family Student Housing, Open Space Plan, and LRDP Amendment EIR

Table G-2. Traffic Volumes and Noise Levels in the UCSB North and West Campus Areas

Roadway & Timeframe	Location	ADT	Speed	REMLS (50 ft)						Daytime Leq (dBA)			Nighttime Leq (dBA)		
				Autos	MT	HT	LD Autos	LD MT	LD HT	LD	LN Autos	LN MT	LN HT	LN	
Existing + Project															
US Highway 101	w/o Glen Annie/Storke Rd.	38,071	55	72.7	79.9	83.8	73.0	63.5	72.2	75.9	67.7	58.2	66.9	70.6	
	w/ Los Carneros	61,386	55	72.7	79.9	83.8	75.1	65.6	74.3	78.0	69.8	60.3	69.0	72.7	
Hollister Ave.	w/o Cannon Green Drive	19,094	40	67.4	76.3	81.2	66.2	61.3	60.2	68.1	60.8	56.0	54.9	62.8	
	w/o Storke Rd.	29,265	40	67.4	76.3	81.2	68.0	63.2	62.0	70.0	62.7	57.9	56.7	64.7	
	w/o Los Carneros Rd.	18,492	40	67.4	76.3	81.2	66.0	61.2	60.0	68.0	60.7	55.9	54.7	62.7	
	e/o Los Carneros Rd. w/o Fairview Ave.	21,660 22,031	40 35	67.4 65.1	76.3 74.8	81.2 80.0	66.7 65.1	61.9 61.1	60.7 60.3	68.7 67.5	61.4 59.8	56.6 55.7	55.4 54.9	63.4 62.1	
Phelps Road	w/o Pacific Oaks (estimate)	3,000	30	62.5	73.1	80.3	54.6	48.4	52.5	57.3	49.3	43.0	47.2	52.0	
	w/o Storke Rd.	5,118	30	62.5	73.1	80.3	56.9	50.7	54.8	59.6	51.6	45.4	49.5	54.3	
Whittier Drive	w/o Storke Rd.	2,207	25	59.4	71.1	78.7	51.0	45.8	50.4	54.4	45.7	40.5	45.1	49.1	
El Colegio Road	w/o Los Carneros Rd.	21,298	35	65.1	74.8	80.0	65.0	59.7	63.1	67.9	59.6	54.4	57.8	62.5	
	e/o Los Carneros Rd.	22,160	35	65.1	74.8	80.0	65.2	58.1	60.3	67.0	59.9	52.8	55.0	61.7	
	nw/o Ocean Road	14,828	30	62.5	73.1	80.3	61.5	55.3	59.4	64.2	56.2	50.0	54.1	58.9	
Cannon Green Drive	s/o Hollister Ave.	4,322	30	62.5	73.1	80.3	56.2	49.9	54.1	58.9	50.9	44.6	48.8	53.6	
Pacific Oaks	s/o Hollister Ave.	4,002	30	62.5	73.1	80.3	55.9	49.6	53.7	58.5	50.5	44.3	48.4	53.2	
	s/o Phelps Rd.	1,550	30	62.5	73.1	80.3	51.7	45.5	49.6	54.4	46.4	40.2	44.3	49.1	
Glen Annie Road	n/o Calle Real	6,111	40	67.4	76.3	81.2	61.2	55.2	58.2	63.6	55.9	49.8	52.9	58.3	
Storke Road	n/o Hollister Ave.	30,900	40	67.4	76.3	81.2	68.1	62.2	68.3	71.7	62.8	56.9	63.0	66.4	
	s/o Hollister Ave.	22,461	40	67.4	76.3	81.2	66.8	60.8	66.9	70.4	61.4	55.5	61.6	65.0	
	s/o Phelps Rd. (estimate)	21,000	40	67.4	76.3	81.2	66.6	60.5	63.6	69.0	61.2	55.2	58.3	63.7	
	n/o El Colegio Rd.	16,788	35	65.1	74.8	80.0	63.9	58.6	62.1	66.8	58.6	53.3	56.8	61.5	
Los Carneros Road	n/o Hollister Ave.	18,186	40	67.4	76.3	81.2	65.8	59.9	66.0	69.4	60.5	54.6	60.7	64.1	
	s/o Hollister Ave.	22,897	40	67.4	76.3	81.2	66.8	60.9	67.0	70.4	61.5	55.6	61.7	65.1	
	n/o El Colegio Rd.	18,938	40	67.4	76.3	81.2	66.1	60.1	63.1	68.6	60.8	54.7	57.8	63.2	

Faculty and Family Student Housing, Open Space Plan, and LRDP Amendment EIR

Table G-2. Traffic Volumes and Noise Levels in the UCSB North and West Campus Areas

Roadway & Timeframe	Location	ADT	Speed	REMLS (50 ft)						Daytime Leq (dBA)			Nighttime Leq (dBA)	
				Autos	MT	HT	LD Autos	LD MT	LD HT	LD	LN Autos	LN MT	LN HT	LN
Existing + Alternative 1														
US Highway 101	w/o Glen Annie/Storke Rd.	38,068	55	72.7	79.9	83.8	73.0	63.5	72.2	75.9	67.7	58.2	66.9	70.6
	w/ Los Carneros	61,304	55	72.7	79.9	83.8	75.1	65.6	74.3	78.0	69.7	60.2	69.0	72.6
Hollister Ave.	w/o Cannon Green Drive	19,090	40	67.4	76.3	81.2	66.2	61.3	60.2	68.1	60.8	56.0	54.9	62.8
	w/o Storke Rd.	28,617	40	67.4	76.3	81.2	67.9	63.1	61.9	69.9	62.6	57.8	56.6	64.6
	w/o Los Carneros Rd.	18,441	40	67.4	76.3	81.2	66.0	61.2	60.0	68.0	60.7	55.9	54.7	62.7
	e/o Los Carneros Rd. w/o Fairview Ave.	21,643 22,009	40 35	67.4 65.1	76.3 74.8	81.2 80.0	66.7 65.1	61.9 61.1	60.7 60.3	68.7 67.5	61.4 59.8	56.6 55.7	55.4 54.9	63.4 62.1
Phelps Road	w/o Pacific Oaks (estimate)	3,000	30	62.5	73.1	80.3	54.6	48.4	52.5	57.3	49.3	43.0	47.2	52.0
	w/o Storke Rd. (no change)	5,118	30	62.5	73.1	80.3	56.9	50.7	54.8	59.6	51.6	45.4	49.5	54.3
Whittier Drive	w/o Storke Rd.	2,140	25	59.4	71.1	78.7	50.9	45.6	50.3	54.2	45.5	40.3	45.0	48.9
El Colegio Road	w/o Los Carneros Rd.	21,302	35	65.1	74.8	80.0	65.0	59.7	63.1	67.9	59.6	54.4	57.8	62.5
	e/o Los Carneros Rd.	22,164	35	65.1	74.8	80.0	65.2	58.1	60.3	67.0	59.9	52.8	55.0	61.7
	nw/o Ocean Road	14,814	30	62.5	73.1	80.3	61.5	55.3	59.4	64.2	56.2	50.0	54.1	58.9
Cannon Green Drive	s/o Hollister Ave. (no change)	4,322	30	62.5	73.1	80.3	56.2	49.9	54.1	58.9	50.9	44.6	48.8	53.6
Pacific Oaks	s/o Hollister Ave. (no change)	4,002	30	62.5	73.1	80.3	55.9	49.6	53.7	58.5	50.5	44.3	48.4	53.2
	s/o Phelps Rd. (no change)	1,550	30	62.5	73.1	80.3	51.7	45.5	49.6	54.4	46.4	40.2	44.3	49.1
Glen Annie Road	n/o Calle Real	6,108	40	67.4	76.3	81.2	61.2	55.1	58.2	63.6	55.9	49.8	52.9	58.3
Storke Road	n/o Hollister Ave.	30,830	40	67.4	76.3	81.2	68.1	62.2	68.3	71.7	62.8	56.9	63.0	66.4
	s/o Hollister Ave.	23,288	40	67.4	76.3	81.2	66.9	61.0	67.1	70.5	61.6	55.6	61.7	65.2
	s/o Phelps Rd. (estimate)	21,000	40	67.4	76.3	81.2	66.6	60.5	63.6	69.0	61.2	55.2	58.3	63.7
	n/o El Colegio Rd.	16,747	35	65.1	74.8	80.0	63.9	58.6	62.1	66.8	58.6	53.3	56.8	61.5
Los Carneros Road	n/o Hollister Ave.	18,182	40	67.4	76.3	81.2	65.8	59.9	66.0	69.4	60.5	54.6	60.7	64.1
	s/o Hollister Ave. (same)	22,897	40	67.4	76.3	81.2	66.8	60.9	67.0	70.4	61.5	55.6	61.7	65.1
	n/o El Colegio Rd. (same)	18,938	40	67.4	76.3	81.2	66.1	60.1	63.1	68.6	60.8	54.7	57.8	63.2

Faculty and Family Student Housing, Open Space Plan, and LRDP Amendment EIR

Table G-2. Traffic Volumes and Noise Levels in the UCSB North and West Campus Areas

Roadway & Timeframe	Location	ADT	Speed	REMLS (50 ft)						Daytime Leq (dBA)			Nighttime Leq (dBA)	
				Autos	MT	HT	LD Autos	LD MT	LD HT	LD	LN Autos	LN MT	LN HT	LN
Cumulative														
US Highway 101	w/o Glen Annie/Storke Rd.	43,229	55	72.7	79.9	83.8	73.5	84.0	72.8	76.4	68.2	58.7	67.5	71.1
	w/ Los Carneros	66,432	55	72.7	79.9	83.8	75.4	65.9	74.6	78.3	70.1	60.6	69.3	73.0
Hollister Ave.	w/o Cannon Green Drive	20,906	40	67.4	76.3	81.2	66.5	61.7	60.6	68.5	61.2	56.4	55.3	63.2
	w/o Storke Rd.	30,135	40	67.4	76.3	81.2	68.1	63.3	62.2	70.1	62.8	58.0	56.8	64.8
	w/o Los Carneros Rd.	17,708	40	67.4	76.3	81.2	65.8	61.0	59.8	67.8	60.5	55.7	54.5	62.5
	e/o Los Carneros Rd.	24,740	40	67.4	76.3	81.2	67.3	62.5	61.3	69.3	62.0	57.2	56.0	64.0
	w/o Fairview Ave.	30,469	35	65.1	74.8	80.0	66.5	62.5	61.7	68.9	61.2	57.2	56.4	63.6
Phelps Road	w/o Pacific Oaks (estimate)	3,000	30	62.5	73.1	80.3	54.6	48.4	52.5	57.3	49.3	43.0	47.2	52.0
	w/o Storke Rd.	5,502	30	62.5	73.1	80.3	57.2	51.0	55.1	59.9	51.9	45.7	49.8	54.6
Whittier Drive	w/o Storke Rd.	2,693	25	59.4	71.1	78.7	51.9	46.6	51.3	55.2	46.5	41.3	46.0	49.9
El Colegio Road	w/o Los Carneros Rd.	22,242	35	65.1	74.8	80.0	65.1	59.9	63.3	68.0	59.8	54.5	58.0	62.7
	e/o Los Carneros Rd.	26,459	35	65.1	74.8	80.0	66.0	58.8	61.1	67.8	60.7	53.5	55.7	62.5
	nw/o Ocean Road	16,191	30	62.5	73.1	80.3	61.9	55.7	59.8	64.6	56.6	50.4	54.5	59.3
Cannon Green Drive	s/o Hollister Ave.	3,778	30	62.5	73.1	80.3	55.6	49.4	53.5	58.3	50.3	44.0	48.2	53.0
Pacific Oaks	s/o Hollister Ave.	6,698	30	62.5	73.1	80.3	58.1	51.8	56.0	60.8	52.8	46.5	50.7	55.5
	s/o Phelps Rd.	1,470	30	62.5	73.1	80.3	51.5	45.3	49.4	54.2	46.2	39.9	44.1	48.9
Glen Annie Road	n/o Calle Real	6,639	40	67.4	76.3	81.2	61.6	55.5	58.6	64.0	56.2	50.2	53.3	58.7
Storke Road	n/o Hollister Ave.	29,800	40	67.4	76.3	81.2	68.0	62.0	68.1	71.6	62.7	56.7	62.8	66.3
	s/o Hollister Ave.	22,639	40	67.4	76.3	81.2	66.8	60.8	66.9	70.4	61.5	55.5	61.6	65.1
	s/o Phelps Rd. (estimate)	21,500	40	67.4	76.3	81.2	66.7	60.6	63.7	69.1	61.4	55.3	58.4	63.8
	n/o El Colegio Rd.	15,452	35	65.1	74.8	80.0	63.6	58.3	61.7	66.5	58.2	53.0	56.4	61.2
Los Carneros Road	n/o Hollister Ave.	23,414	40	67.4	76.3	81.2	66.9	61.0	67.1	70.5	61.6	55.7	61.8	65.2
	s/o Hollister Ave.	25,303	40	67.4	76.3	81.2	67.3	61.3	67.4	70.9	62.0	56.0	62.1	65.6
	n/o El Colegio Rd.	22,883	40	67.4	76.3	81.2	66.9	60.9	64.0	69.4	61.6	55.6	58.7	64.1

Faculty and Family Student Housing, Open Space Plan, and LRDP Amendment EIR

Table G-2. Traffic Volumes and Noise Levels in the UCSB North and West Campus Areas

Roadway & Timeframe	Location	ADT	Speed	REMLS (50 ft)						Daytime Leq (dBA)			Nighttime Leq (dBA)		
				Autos	MT	HT	LD Autos	LD MT	LD HT	LD	LN Autos	LN MT	LN HT	LN	
Cumulative + Project															
US Highway 101	w/o Glen Annie/Storke Rd.	43,300	55	72.7	79.9	83.8	73.6	64.1	72.8	76.5	68.2	58.7	67.5	71.1	
	w/ Los Carneros	67,800	55	72.7	79.9	83.8	75.5	66.0	74.7	78.4	70.2	60.7	69.4	73.1	
Hollister Ave.	w/o Cannon Green Drive	21,000	40	67.4	76.3	81.2	66.6	61.8	60.6	68.6	61.2	56.4	55.3	63.2	
	w/o Storke Rd.	30,900	40	67.4	76.3	81.2	68.2	63.4	62.3	70.2	62.9	58.1	56.9	64.9	
	w/o Los Carneros Rd.	18,200	40	67.4	76.3	81.2	65.9	61.1	60.0	67.9	60.6	55.8	54.7	62.6	
	e/o Los Carneros Rd.	25,100	40	67.4	76.3	81.2	67.3	62.5	61.4	69.3	62.0	57.2	56.0	64.0	
	w/o Fairview Ave.	30,800	35	65.1	74.8	80.0	66.6	62.5	61.7	68.9	61.2	57.2	56.4	63.6	
Phelps Road	w/o Pacific Oaks (estimate)	3,500	30	62.5	73.1	80.3	55.3	49.0	53.2	57.9	50.0	43.7	47.8	52.6	
	w/o Storke Rd.	6400	30	62.5	73.1	80.3	57.9	51.6	55.8	60.6	52.6	46.3	50.5	55.3	
Whittier Drive	w/o Storke Rd.	2,900	25	59.4	71.1	78.7	52.2	47.0	51.6	55.6	46.9	41.7	46.3	50.2	
El Colegio Road	w/o Los Carneros Rd.	22,700	35	65.1	74.8	80.0	65.2	59.9	63.4	68.1	59.9	54.6	58.1	62.8	
	e/o Los Carneros Rd.	26,900	35	65.1	74.8	80.0	66.1	58.9	61.1	67.9	60.7	53.6	55.8	62.5	
	nw/o Ocean Road	16,400	30	62.5	73.1	80.3	62.0	55.7	59.9	64.7	56.7	50.4	54.5	59.3	
Cannon Green Drive	s/o Hollister Ave.	4,400	30	62.5	73.1	80.3	56.3	50.0	54.1	58.9	51.0	44.7	48.8	53.6	
Pacific Oaks	s/o Hollister Ave.	7,100	30	62.5	73.1	80.3	58.3	52.1	56.2	61.0	53.0	46.8	50.9	55.7	
	s/o Phelps Rd.	1,700	30	62.5	73.1	80.3	52.1	45.9	50.0	54.8	46.8	40.6	44.7	49.5	
Glen Annie Road	n/o Calle Real	6,700	40	67.4	76.3	81.2	61.6	55.6	58.6	64.0	56.3	50.2	53.3	58.7	
Storke Road	n/o Hollister Ave.	31,300	40	67.4	76.3	81.2	68.2	62.2	68.3	71.8	62.9	56.9	63.0	66.5	
	s/o Hollister Ave.	24,100	40	67.4	76.3	81.2	67.1	61.1	67.2	70.7	61.8	55.8	61.9	65.3	
	s/o Phelps Rd. (estimate)	21,500	40	67.4	76.3	81.2	66.7	60.6	63.7	69.1	61.4	55.3	58.4	63.8	
	n/o El Colegio Rd.	16,200	35	65.1	74.8	80.0	63.8	58.5	61.9	66.7	58.5	53.2	56.6	61.4	
Los Carneros Road	n/o Hollister Ave.	23,500	40	67.4	76.3	81.2	67.0	61.0	67.1	70.5	61.6	55.7	61.8	65.2	
	s/o Hollister Ave.	25,300	40	67.4	76.3	81.2	67.3	61.3	67.4	70.9	62.0	56.0	62.1	65.6	
	n/o El Colegio Rd.	22,900	40	67.4	76.3	81.2	66.9	60.9	64.0	69.4	61.6	55.6	58.7	64.1	

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Table G-2. Traffic Volumes and Noise Levels in the UCSB North and West Campus Areas

Roadway & Timeframe	Location	ADT	Speed	REMLS (50 ft)						Daytime Leq (dBA)			Nighttime Leq (dBA)	
				Autos	MT	HT	LD Autos	LD MT	LD HT	LD	LN Autos	LN MT	LN HT	LN
Cumulative + Alternative 1														
US Highway 101	w/o Glen Annie/Storke Rd.	43,297	55	72.7	79.9	83.8	73.6	64.1	72.8	76.5	68.2	58.7	67.5	71.1
	w/ Los Carneros	67,736	55	72.7	79.9	83.8	75.5	66.0	74.7	78.4	70.2	60.7	69.4	73.1
Hollister Ave.	w/o Cannon Green Drive	20,996	40	67.4	76.3	81.2	66.6	61.8	60.6	68.6	61.2	56.4	55.3	63.2
	w/o Storke Rd.	30,252	40	67.4	76.3	81.2	68.2	63.3	62.2	70.1	62.8	58.0	56.9	64.8
	w/o Los Carneros Rd.	18,149	40	67.4	76.3	81.2	65.9	61.1	60.0	67.9	60.6	55.8	54.6	62.6
	e/o Los Carneros Rd. w/o Fairview Ave.	25,083 30,778	40 35	67.4 65.1	76.3 74.8	81.2 80.0	67.3 66.6	62.5 62.5	61.4 61.7	69.3 68.9	62.0 61.2	57.2 57.2	56.0 56.4	64.0 63.6
Phelps Road	w/o Pacific Oaks (estimate)	3,000	30	62.5	73.1	80.3	54.6	48.4	52.5	57.3	49.3	43.0	47.2	52.0
	w/o Storke Rd. (no change)	5,118	30	62.5	73.1	80.3	56.9	50.7	54.8	59.6	51.6	45.4	49.5	54.3
Whittier Drive	w/o Storke Rd.	2,833	25	59.4	71.1	78.7	52.1	46.9	51.5	55.5	46.8	41.6	46.2	50.1
El Colegio Road	w/o Los Carneros Rd.	22,808	35	65.1	74.8	80.0	65.3	60.0	63.4	68.2	59.9	54.7	58.1	62.8
	e/o Los Carneros Rd.	26,992	35	65.1	74.8	80.0	66.1	58.9	61.1	67.9	60.8	53.6	55.8	62.6
	nw/o Ocean Road	16,466	30	62.5	73.1	80.3	62.0	55.7	59.9	64.7	56.7	50.4	54.6	59.4
Cannon Green Drive	s/o Hollister Ave. (no change)	4,322	30	62.5	73.1	80.3	56.2	49.9	54.1	58.9	50.9	44.6	48.8	53.6
Pacific Oaks	s/o Hollister Ave. (no change)	4,002	30	62.5	73.1	80.3	55.9	49.6	53.7	58.5	50.5	44.3	48.4	53.2
	s/o Phelps Rd. (no change)	1,550	30	62.5	73.1	80.3	51.7	45.5	49.6	54.4	46.4	40.2	44.3	49.1
Glen Annie Road	n/o Calle Real	6,697	40	67.4	76.3	81.2	61.6	55.5	58.6	64.0	56.3	50.2	53.3	58.7
Storke Road	n/o Hollister Ave.	31,230	40	67.4	76.3	81.2	68.2	62.2	68.3	71.8	62.9	56.9	63.0	66.5
	s/o Hollister Ave.	24,927	40	67.4	76.3	81.2	67.2	61.3	67.4	70.8	61.9	55.9	62.0	65.5
	s/o Phelps Rd. (estimate)	21,000	40	67.4	76.3	81.2	66.6	60.5	63.6	69.0	61.2	55.2	58.3	63.7
	n/o El Colegio Rd.	16,208	35	65.1	74.8	80.0	63.8	58.5	61.9	66.7	58.5	53.2	56.6	61.4
Los Carneros Road	n/o Hollister Ave.	23,496	40	67.4	76.3	81.2	67.0	61.0	67.1	70.5	61.6	55.7	61.8	65.2
	s/o Hollister Ave. (same)	25,300	40	67.4	76.3	81.2	67.3	61.3	67.4	70.9	62.0	56.0	62.1	65.6
	n/o El Colegio Rd. (same)	22,900	40	67.4	76.3	81.2	66.9	60.9	64.0	69.4	61.6	55.6	58.7	64.1

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Table G-2. Traffic Volumes and Noise Levels in the UCSB North and West Campus Areas

Notes: Unless noted otherwise, ADT values obtained from Dennis Lammers, Associated Traffic Engineers.

In scenarios with +Alternative 1, (no change) indicates segments where no ADT data were provided. The previous ADT from the +Project scenarios were assumed.

In scenarios with +Alternative 1, (same) indicates segments the ADT data were provided.

Assumptions for Daytime-Nighttime Splits:

Daytime = 7:00 a.m. to 10:00 p.m. 15 hours and 85% of ADT
 Nighttime = 10:00 p.m to 7:00 a.m. 9 hours and 15%

REMLS are Reference Energy Mean Levels for each vehicle class.

California Vehicle Noise Levels (Calveno) were used for REMLS.

For Heavy Trucks, if the speed is lower than 35 mph, then the REMLS equation must be adjusted:

Use 80 dBA for 31-35 mph,

$51.9 + 19.2 \cdot \log(\text{speed, mph})$ for 25 to 31 mph

speed	HTREML
30	80.3
25	78.7

Truck Traffic data (% for Medium Trucks and Heavy Trucks) is an estimate for typical surface streets.

Truck data for US Hwy 101 is from Caltrans.

These calculations use the FHWA Highway Traffic Noise Prediction Model, FHWA-RD-77-108.

The estimates of distances to Ldn contours are considered accurate out to about 200 m or 600 feet

A drop off rate of 4.5 dBA per doubling of distance is used in calculating distance to Ldn contours.