

APPENDIX F

NOISE WORKSHEETS

TNM VERSION 2.5 SPREADSHEETS

RUN BY MARIO ANAYA, ICF INTERNATIONAL, FEBRUARY 10, 2010

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PROPOSED PROJECT

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This spreadsheet calculates traffic noise levels based on TNM Version 2.5 Lookup Tables

***** PRESS F9 to Calculate ***** then, wait approx. 10 seconds until status at lower left of window says "Ready"

Password = "noise"

** Type in yellow cells only.

** Day/Eve/Night & Auto/MT/HT cells must add to 100

** Be sure to indicate ENGLISH or METRIC units

** Note that both Ldn and CNEL require input for evening traffic

Day = 12 hours, 7:00 AM to 7:00 PM

Eve = 3 hours, 7:00 PM to 10:00 PM

Night = 9 hours, 10:00 PM to 7:00 AM

CONTOUR VALUES		
1	70	dB
2	65	dB
3	60	dB
4	55	dB

UNITS		
	english	"english" OR "metric"

DAY PEAK/OFFPEAK SPLITS		
4	no. of hours - peak	
8	no. of hours - offpeak	
3	no. of hours - evening	
9	no. of hours - night	
24	TOTAL no. of hours	

PENALTIES		
		dB
+ 5	evening	
+ 10	night	

METRIC/ENGLISH CALCULATOR			
80	MPH	equals	128.74
100	KPH	equals	62.14
680	feet	equals	207.26
9	meters	equals	29.53

Mix 1.

		Day			
		Peak	Offpk	Eve	Night
		40	45	5	10

Auto	87	.348	.392	.044	.087
MT	4	.016	.018	.002	.004
HT	9	.036	.041	.005	.009

Mix 2.

		Day			
		Peak	Offpk	Eve	Night
		50	30	5	15

Auto	80	.400	.240	.040	.120
MT	5	.025	.015	.003	.008
HT	15	.075	.045	.008	.023

Mix 3.

		Day			
		Peak	Offpk	Eve	Night
		85		5	10

Auto	87	.740	.000	.044	.087
MT	4	.034	.000	.002	.004
HT	9	.077	.000	.005	.009

Mix 4.

		Day			
		Peak	Offpk	Eve	Night
		85	1	4	10

Auto	87	.740	.009	.035	.087
MT	4	.034	.000	.002	.004
HT	9	.077	.001	.004	.009

Mix 5.

		Day			
		Peak	Offpk	Eve	Night
		100		0	0

Auto	87	.870	.000	.000	.000
MT	4	.040	.000	.000	.000
HT	9	.090	.000	.000	.000

Number	Roadway	Segment Location	Hard or Soft Ground (H or S)	Total Daily Traffic Volumes	SPEED		Present (1=yes)	BARRIER		
					MPH	Mix Number		Height (7 to 30 ft)	Distance (35 or 100 ft)	
									ENGLISH	ENGLISH
1	Wilshire Blvd - Existing	Between Westlake Ave & Alvarado St	h	22150	35	1	0			
2	Wilshire Blvd - Existing	Between Alvarado St & Park View Dr	h	21920	35	1	0			
3	Wilshire Blvd - Existing	Between Shatto Pl & Vermont Ave	h	28380	35	1	0			
4	Wilshire Blvd - Existing	Between Oxford Ave & Western Ave	h	24460	35	1	0			
5	Wilshire Blvd - Existing	Between Crenshaw Blvd & Lorrain Ave	h	32860	35	1	0			
6	Wilshire Blvd - Existing	Between San Vicente Blvd & Tower Dr	h	33680	35	1	0			
7	Wilshire Blvd - Existing	Between Beverly Glen Blvd & Holmby Ave	h	38290	35	1	0			
8	Wilshire Blvd - Existing	Between Glendon Ave & Westwood	h	39590	35	1	0			
9	Wilshire Blvd - Existing	Between Barrington Ave & Stoneman Ave	h	31370	35	1	0			
10	Wilshire Blvd - Existing	Between Saltair Ave & Bundy Dr	h	28560	35	1	0			
11										
12	Wilshire Blvd - Opening Year (2012) without Project	Between Westlake Ave & Alvarado St	h	24960	35	1	0			
13	Wilshire Blvd - Opening Year (2012) without Project	Between Alvarado St & Park View Dr	h	24730	35	1	0			
14	Wilshire Blvd - Opening Year (2012) without Project	Between Shatto Pl & Vermont Ave	h	31740	35	1	0			
15	Wilshire Blvd - Opening Year (2012) without Project	Between Oxford Ave & Western Ave	h	27860	35	1	0			
16	Wilshire Blvd - Opening Year (2012) without Project	Between Crenshaw Blvd & Lorrain Ave	h	36130	35	1	0			
17	Wilshire Blvd - Opening Year (2012) without Project	Between San Vicente Blvd & Tower Dr	h	38760	35	1	0			
18	Wilshire Blvd - Opening Year (2012) without Project	Between Beverly Glen Blvd & Holmby Ave	h	43700	35	1	0			
19	Wilshire Blvd - Opening Year (2012) without Project	Between Glendon Ave & Westwood	h	42080	35	1	0			
20	Wilshire Blvd - Opening Year (2012) without Project	Between Barrington Ave & Stoneman Ave	h	34240	35	1	0			
21	Wilshire Blvd - Opening Year (2012) without Project	Between Saltair Ave & Bundy Dr	h	31020	35	1	0			
22										
23	Wilshire Blvd - Opening Year (2012) with Project	Between Westlake Ave & Alvarado St	h	16380	35	1	0			
24	Wilshire Blvd - Opening Year (2012) with Project	Between Alvarado St & Park View Dr	h	16230	35	1	0			
25	Wilshire Blvd - Opening Year (2012) with Project	Between Shatto Pl & Vermont Ave	h	27080	35	1	0			
26	Wilshire Blvd - Opening Year (2012) with Project	Between Oxford Ave & Western Ave	h	22980	35	1	0			
27	Wilshire Blvd - Opening Year (2012) with Project	Between Crenshaw Blvd & Lorrain Ave	h	31290	35	1	0			
28	Wilshire Blvd - Opening Year (2012) with Project	Between San Vicente Blvd & Tower Dr	h	36330	35	1	0			
29	Wilshire Blvd - Opening Year (2012) with Project	Between Beverly Glen Blvd & Holmby Ave	h	39610	35	1	0			
30	Wilshire Blvd - Opening Year (2012) with Project	Between Glendon Ave & Westwood	h	38210	35	1	0			
31	Wilshire Blvd - Opening Year (2012) with Project	Between Barrington Ave & Stoneman Ave	h	32540	35	1	0			
32	Wilshire Blvd - Opening Year (2012) with Project	Between Saltair Ave & Bundy Dr	h	29610	35	1	0			
33										
34	Wilshire Blvd - Horizon Year (2020) without Project	Between Westlake Ave & Alvarado St	h	26110	35	1	0			
35	Wilshire Blvd - Horizon Year (2020) without Project	Between Alvarado St & Park View Dr	h	25820	35	1	0			
36	Wilshire Blvd - Horizon Year (2020) without Project	Between Shatto Pl & Vermont Ave	h	33450	35	1	0			
37	Wilshire Blvd - Horizon Year (2020) without Project	Between Oxford Ave & Western Ave	h	28720	35	1	0			
38	Wilshire Blvd - Horizon Year (2020) without Project	Between Crenshaw Blvd & Lorrain Ave	h	37060	35	1	0			
39	Wilshire Blvd - Horizon Year (2020) without Project	Between San Vicente Blvd & Tower Dr	h	40040	35	1	0			
40	Wilshire Blvd - Horizon Year (2020) without Project	Between Beverly Glen Blvd & Holmby Ave	h	45380	35	1	0			
41	Wilshire Blvd - Horizon Year (2020) without Project	Between Glendon Ave & Westwood	h	44080	35	1	0			
42	Wilshire Blvd - Horizon Year (2020) without Project	Between Barrington Ave & Stoneman Ave	h	34890	35	1	0			
43	Wilshire Blvd - Horizon Year (2020) without Project	Between Saltair Ave & Bundy Dr	h	31650	35	1	0			
44										
45	Wilshire Blvd - Horizon Year (2020) with Project	Between Westlake Ave & Alvarado St	h	16990	35	1	0			
46	Wilshire Blvd - Horizon Year (2020) with Project	Between Alvarado St & Park View Dr	h	16710	35	1	0			
47	Wilshire Blvd - Horizon Year (2020) with Project	Between Shatto Pl & Vermont Ave	h	28400	35	1	0			
48	Wilshire Blvd - Horizon Year (2020) with Project	Between Oxford Ave & Western Ave	h	23750	35	1	0			
49	Wilshire Blvd - Horizon Year (2020) with Project	Between Crenshaw Blvd & Lorrain Ave	h	32270	35	1	0			
50	Wilshire Blvd - Horizon Year (2020) with Project	Between San Vicente Blvd & Tower Dr	h	37430	35	1	0			
51	Wilshire Blvd - Horizon Year (2020) with Project	Between Beverly Glen Blvd & Holmby Ave	h	41010	35	1	0			
52	Wilshire Blvd - Horizon Year (2020) with Project	Between Glendon Ave & Westwood	h	39030	35	1	0			
53	Wilshire Blvd - Horizon Year (2020) with Project	Between Barrington Ave & Stoneman Ave	h	33140	35	1	0			
54	Wilshire Blvd - Horizon Year (2020) with Project	Between Saltair Ave & Bundy Dr	h	30080	35	1	0			
55										
56										
57										
58										
59										
60										

* distance from center of roadway

Distance * (feet)	RECEIVER		
	dB Ldn	dB CNEL	dBA Pk Leq1h
	ENGLISH	ENGLISH	ENGLISH
75	68.1	68.4	69.9
75	68.0	68.3	69.8
75	69.2	69.4	71.0
75	68.5	68.8	70.3
75	69.8	70.1	71.6
75	69.9	70.2	71.7
75	70.5	70.7	72.3
75	69.3	69.6	71.1
75	69.6	69.9	71.4
75	69.6	69.9	71.4
75	69.1	69.4	72.4
75	70.2	70.5	72.0
75	70.5	70.8	72.3
75	71.0	71.3	72.8
75	70.9	71.2	72.7
75	70.0	70.3	71.8
75	69.5	69.8	71.3
75	68.8	69.1	70.6
75	68.8	69.0	70.6
75	69.9	70.2	71.7
75	69.2	69.5	71.0
75	70.3	70.6	72.1
75	70.7	70.9	72.5
75	71.2	71.5	73.0
75	71.1	71.4	72.9
75	70.1	70.3	71.9
75	69.6	69.9	71.4
75	66.9	67.2	68.7
75	66.9	67.2	68.7
75	69.2	69.5	71.0
75	68.4	68.7	70.2
75	69.7	70.0	71.5
75	70.4	70.6	72.2
75	70.8	71.0	72.6
75	70.5	70.8	72.3
75	69.8	70.1	71.6
75	69.4	69.7	71.2

Number	Roadway	Segment Location	BARRIER		
			Present	Height	Distance
			(1=yes)	(7 to 30 ft)	(35 or 100 ft)
			ENGLISH	ENGLISH	
1	Wilshire Blvd - Existing	Between Westlake Ave & Alvarado St	0		
2	Wilshire Blvd - Existing	Between Alvarado St & Park View	0		
3	Wilshire Blvd - Existing	Between Shatto Pl & Vermont Ave	0		
4	Wilshire Blvd - Existing	Between Oxford Ave & Westerr	0		
5	Wilshire Blvd - Existing	Between Crenshaw Blvd & Lorr	0		
6	Wilshire Blvd - Existing	Between San Vicente Blvd & Tc	0		
7	Wilshire Blvd - Existing	Between Beverly Glen Blvd & H	0		
8	Wilshire Blvd - Existing	Between Glendon Ave & Westw	0		
9	Wilshire Blvd - Existing	Between Barrington Ave & Ston	0		
10	Wilshire Blvd - Existing	Between Saltair Ave & Bundy D	0		
11					
12	Wilshire Blvd - Opening Year (2	Between Westlake Ave & Alvarado St	0		
13	Wilshire Blvd - Opening Year (2	Between Alvarado St & Park View	0		
14	Wilshire Blvd - Opening Year (2	Between Shatto Pl & Vermont Ave	0		
15	Wilshire Blvd - Opening Year (2	Between Oxford Ave & Westerr	0		
16	Wilshire Blvd - Opening Year (2	Between Crenshaw Blvd & Lorr	0		
17	Wilshire Blvd - Opening Year (2	Between San Vicente Blvd & Tc	0		
18	Wilshire Blvd - Opening Year (2	Between Beverly Glen Blvd & H	0		
19	Wilshire Blvd - Opening Year (2	Between Glendon Ave & Westw	0		
20	Wilshire Blvd - Opening Year (2	Between Barrington Ave & Ston	0		
21	Wilshire Blvd - Opening Year (2	Between Saltair Ave & Bundy D	0		
22					
23	Wilshire Blvd - Opening Year (2	Between Westlake Ave & Alvarado St	0		
24	Wilshire Blvd - Opening Year (2	Between Alvarado St & Park View	0		
25	Wilshire Blvd - Opening Year (2	Between Shatto Pl & Vermont Ave	0		
26	Wilshire Blvd - Opening Year (2	Between Oxford Ave & Westerr	0		
27	Wilshire Blvd - Opening Year (2	Between Crenshaw Blvd & Lorr	0		
28	Wilshire Blvd - Opening Year (2	Between San Vicente Blvd & Tc	0		
29	Wilshire Blvd - Opening Year (2	Between Beverly Glen Blvd & H	0		
30	Wilshire Blvd - Opening Year (2	Between Glendon Ave & Westw	0		
31	Wilshire Blvd - Opening Year (2	Between Barrington Ave & Ston	0		
32	Wilshire Blvd - Opening Year (2	Between Saltair Ave & Bundy D	0		
33					
34	Wilshire Blvd - Horizon Year (2	Between Westlake Ave & Alvarado St	0		
35	Wilshire Blvd - Horizon Year (2	Between Alvarado St & Park View	0		
36	Wilshire Blvd - Horizon Year (2	Between Shatto Pl & Vermont Ave	0		
37	Wilshire Blvd - Horizon Year (2	Between Oxford Ave & Westerr	0		
38	Wilshire Blvd - Horizon Year (2	Between Crenshaw Blvd & Lorr	0		
39	Wilshire Blvd - Horizon Year (2	Between San Vicente Blvd & Tc	0		
40	Wilshire Blvd - Horizon Year (2	Between Beverly Glen Blvd & H	0		
41	Wilshire Blvd - Horizon Year (2	Between Glendon Ave & Westw	0		
42	Wilshire Blvd - Horizon Year (2	Between Barrington Ave & Ston	0		
43	Wilshire Blvd - Horizon Year (2	Between Saltair Ave & Bundy D	0		
44					
45	Wilshire Blvd - Horizon Year (2	Between Westlake Ave & Alvarado St	0		
46	Wilshire Blvd - Horizon Year (2	Between Alvarado St & Park View	0		
47	Wilshire Blvd - Horizon Year (2	Between Shatto Pl & Vermont Ave	0		
48	Wilshire Blvd - Horizon Year (2	Between Oxford Ave & Westerr	0		
49	Wilshire Blvd - Horizon Year (2	Between Crenshaw Blvd & Lorr	0		
50	Wilshire Blvd - Horizon Year (2	Between San Vicente Blvd & Tc	0		
51	Wilshire Blvd - Horizon Year (2	Between Beverly Glen Blvd & H	0		
52	Wilshire Blvd - Horizon Year (2	Between Glendon Ave & Westw	0		
53	Wilshire Blvd - Horizon Year (2	Between Barrington Ave & Ston	0		

Distance *	RECEIVER		
	dB	dB	dBA
	(feet)	Ldn	CNEL
ENGLISH			
75	68.1	68.4	69.9
75	68.0	68.3	69.8
75	69.2	69.4	71.0
75	68.5	68.8	70.3
75	69.8	70.1	71.6
75	69.9	70.2	71.7
75	70.5	70.7	72.3
75	69.3	69.6	71.1
75	69.6	69.9	71.4
75	69.2	69.5	71.0
75	68.6	68.9	70.4
75	68.6	68.9	70.4
75	69.6	69.9	71.4
75	69.1	69.4	72.4
75	70.2	70.5	72.0
75	70.5	70.8	72.3
75	71.0	71.3	72.8
75	70.9	71.2	72.7
75	70.0	70.3	71.8
75	69.5	69.8	71.3
75	66.8	67.1	68.6
75	66.7	67.0	68.5
75	69.0	69.2	70.8
75	68.2	68.5	70.0
75	69.6	69.9	71.4
75	70.2	70.5	72.0
75	70.6	70.9	72.4
75	70.5	70.7	72.3
75	69.8	70.0	71.6
75	69.3	69.6	71.1
75	68.8	69.1	70.6
75	68.8	69.0	70.6
75	69.9	70.2	71.7
75	69.2	69.5	71.0
75	70.3	70.6	72.1
75	70.7	70.9	72.5
75	71.2	71.5	73.0
75	71.1	71.4	72.9
75	70.1	70.3	71.9
75	69.6	69.9	71.4
75	66.9	67.2	68.7
75	66.9	67.2	68.7
75	69.2	69.5	71.0
75	68.4	68.7	70.2
75	69.7	70.0	71.5
75	70.4	70.6	72.2
75	70.8	71.0	72.6
75	70.5	70.8	72.3
75	69.8	70.1	71.6

Distance to CNEL Noise Contour (ft)				
OK				
70 dB CNEL	65 dB CNEL	60 dB CNEL	55 dB CNEL	
61.4	191.2	522.8	>1,000	
60.9	189.5	518.9	>1,000	
78.7	242.0	636.4	>1,000	
66.4	210.4	568.2	>1,000	
90.8	275.9	712.5	>1,000	
92.8	281.9	726.7	>1,000	
105.4	316.2	800.9	>1,000	
82.1	251.2	656.1	>1,000	
87.0	264.5	687.8	>1,000	
79.2	243.4	639.4	>1,000	
68.1	214.6	576.9	>1,000	
67.3	212.7	572.9	>1,000	
87.9	267.3	694.1	>1,000	
77.2	237.9	627.7	>1,000	
98.7	299.8	768.8	>1,000	
106.9	319.8	809.3	>1,000	
120.8	353.9	887.2	>1,000	
116.4	343.2	863.0	>1,000	
94.2	286.0	737.8	>1,000	
86.0	261.8	681.8	>1,000	
47.2	143.5	410.3	>1,000	
46.7	142.1	407.1	>1,000	
74.8	231.5	614.2	>1,000	
63.1	197.5	539.7	>1,000	
86.7	263.8	686.5	>1,000	
99.4	301.4	771.5	>1,000	
109.4	326.0	823.8	>1,000	
105.2	315.7	799.6	>1,000	
90.0	273.5	707.3	>1,000	
82.2	251.4	656.6	>1,000	
71.8	223.9	596.9	>1,000	
70.9	221.6	591.6	>1,000	
92.3	280.2	722.0	>1,000	
79.7	244.6	642.1	>1,000	
101.7	307.0	781.3	>1,000	
110.7	329.0	830.8	>1,000	
125.2	365.2	911.4	>1,000	
121.9	356.4	892.8	>1,000	
95.7	290.6	750.5	>1,000	
87.7	266.7	692.6	>1,000	
48.9	148.9	423.0	>1,000	
48.1	146.4	417.2	>1,000	
78.7	242.1	636.8	>1,000	
64.7	204.3	555.3	>1,000	
89.3	271.4	702.9	>1,000	
102.8	309.9	786.2	>1,000	
113.5	335.8	846.4	>1,000	
107.7	321.8	814.0	>1,000	
91.5	278.0	717.0	>1,000	

54	Wilshire Blvd - Horizon Year (20	Between Saltair Ave & Bundy D	0
55			
56			
57			
58			
59			
60			

75	69.4	69.7	71.2
	0.0	0.0	0.0
	0.0	0.0	0.0

83.5	254.9	665.1	>1,000

vehicle mixes					% of day split				checksum
	day-peak	day-offpeak	evening	night	day-peak	day-offpeak	evening	night	
					45	40	10	5	100
auto	90.0	85.0	84.0	75.0	.405	.340	.084	.038	
MT	6.0	7.0	6.0	3.0	.027	.028	.006	.002	
HT	4.0	8.0	10.0	22.0	.018	.032	.010	.011	1.000

VEHICLE MIX ASSUMPTIONS FROM RD 77-108 MODEL

FORMATTED FOR PASTE INTO THIS MODEL

Mix 1. Arterial Roadways (From East Orange 2000)				Input		
	Input			Day	Eve	Night
	Day	Eve	Night	Day	Eve	Night
Auto	75.5	12.6	9.3	.755	.126	.093
MT	1.6	0.1	0.2	.016	.001	.002
HT	0.6	0.0	0.1	.006	.000	.001
Auto %	97.2	99.1	97.2	.972	.991	.972
MT %	2.0	0.7	2.0	.020	.007	.020
HT %	0.8	0.2	0.8	.008	.002	.008
Daily Auto %	97.4			.974		
Daily MT %	1.8			.018		
Daily HT %	0.7			.007		
Total	77.7	12.7	9.6	.777	.127	.096
Grand total	100.0	OK		1.000	OK	

Mix 2. Transportation Corridors (From East Orange 2000)				Input		
	Input			Day	Eve	Night
	Day	Eve	Night	Day	Eve	Night
Auto	67.0	18.3	9.7	.670	.183	.097
MT	2.3	0.2	0.6	.023	.002	.006
HT	1.5	0.2	0.4	.015	.002	.004
Auto %	94.7	97.8	91.2	.947	.978	.912
MT %	3.2	1.0	5.3	.032	.010	.053
HT %	2.1	1.2	3.5	.021	.012	.035
Daily Auto %	95.0			.950		
Daily MT %	3.0			.030		
Daily HT %	2.1			.021		
Total	70.8	18.7	10.6	.708	.187	.106
Grand total	100.1	Warning! Check		1.001	Warning! Check	

Mix 3. Highway (From J&S SR99)				Input		
	Input			Day	Eve	Night
	Day	Eve	Night	Day	Eve	Night
Auto	64.6	10.3	12.9	.646	.103	.129
MT	5.0	0.3	0.6	.050	.003	.006
HT	4.4	0.4	1.5	.044	.004	.015
Auto %	87.3	93.8	85.9	.873	.938	.859
MT %	6.8	2.4	3.9	.068	.024	.039
HT %	5.9	3.8	10.2	.059	.038	.102
Daily Auto %	87.8			.878		
Daily MT %	5.9			.059		
Daily HT %	6.3			.063		
Total	74.0	11.0	15.0	.740	.110	.150
Grand total	100.0	OK		1.000	OK	

Mix 4. Local (From Local/Lodi)				Input		
	Input			Day	Eve	Night
	Day	Eve	Night	Day	Eve	Night
Auto	74.5	10.5	13.4	.745	.105	.134
MT	0.8	0.0	0.1	.008	.000	.001
HT	0.7	0.0	0.0	.007	.000	.000
Auto %	98.0	99.8	99.3	.980	.998	.993
MT %	1.1	0.1	0.7	.011	.001	.007
HT %	0.9	0.1	0.0	.009	.001	.000
Daily Auto %	98.4			.984		
Daily MT %	0.9			.009		
Daily HT %	0.7			.007		
Total	76.0	10.5	13.5	.760	.105	.135
Grand total	100.0	OK		1.000	OK	

Variable				Input		
	Input			Day	Eve	Night
	Day	Eve	Night	Day	Eve	Night
Auto	14.82	4.05	2.14	.148	.040	.021
MT	7.50	0.63	1.87	.075	.006	.019
HT	49.29	7.56	12.16	.493	.076	.122
Auto %	20.7	33.1	13.2	.207	.331	.132
MT %	10.5	5.2	11.6	.105	.052	.116
HT %	68.8	61.8	75.2	.688	.618	.752
Daily Auto %	21.0			.210		

67.03	18.31	9.66	95
2.25	0.19	0.56	3
1.5	0.23	0.37	2.1
0.705579	0.192737	0.101684	1
0.75	0.063333	0.186667	1
0.714286	0.109524	0.17619	1

Daily MT %	10.0			.100		
Daily HT %	69.0			.690		
Total	71.6	12.2	16.2	.716	.122	.162
Grand total	100.0	OK		1.000	OK	

21%	0.148172	0.040475	0.021354	0.21
10%	0.075	0.006333	0.018667	0.1
69%	0.492857	0.075571	0.121571	0.69
100%				1.00

21%	14.81716	4.047474	2.135368	21
10%	7.5	0.633333	1.866667	10
69%	49.28571	7.557143	12.15714	69
100%				100

* NOTE: TNM lookup calculations require these units, regardless of input.

Number	Roadway	Segment Location	Hard or Soft Ground (H or S)	Total Daily Traffic Volumes	SPEED		BARRIER			Receiver Distance (feet)	dB CNEL	Level contributions by receiver location												Day - peak						
					KPH	Mix Number	Present (1=yes)	Height (2 to 9 m)	Distance (10 or 30 m)			Day - peak				Day - offpeak				Evening				Night				A	MT	HT
												METRIC*	METRIC*	METRIC*	A	MT	HT	Total	A	MT	HT	Total	A	MT	HT	Total	A			
1	Wilshire Blvd - Existing	Between Westlake Ave & Alvar	h	22150	56	1	0			75	68.4	64.9	60.5	67.4	69.9	57.1	52.8	59.7	62.1	57.1	52.8	59.7	62.1	55.4	51.0	57.9	60.4	.348	.016	.036
2	Wilshire Blvd - Existing	Between Alvarado St & Park Vi	h	21920	56	1	0			75	68.3	64.8	60.5	67.4	69.8	57.1	52.7	59.6	62.1	57.1	52.7	59.6	62.1	55.3	51.0	57.9	60.3	.348	.016	.036
3	Wilshire Blvd - Existing	Between Shatto Pl & Vermont A	h	28380	56	1	0			75	69.4	66.0	61.6	68.5	71.0	58.2	53.8	60.7	63.2	58.2	53.8	60.7	63.2	56.4	52.1	59.0	61.4	.348	.016	.036
4	Wilshire Blvd - Existing	Between Oxford Ave & Western	h	24460	56	1	0			75	68.8	65.3	60.9	67.9	70.3	57.5	53.2	60.1	62.5	57.5	53.2	60.1	62.5	55.8	51.4	58.3	60.8	.348	.016	.036
5	#REF!	Between Crenshaw Blvd & Lorr	h	32860	56	1	0			75	70.1	66.6	62.2	69.1	71.6	58.8	54.5	61.4	63.8	58.8	54.5	61.4	63.8	57.1	52.7	59.6	62.1	.348	.016	.036
6	Wilshire Blvd - Existing	Between San Vicente Blvd & Tc	h	33680	56	1	0			75	70.2	66.7	62.3	69.2	71.7	58.9	54.6	61.5	63.9	58.9	54.6	61.5	63.9	57.2	52.8	59.7	62.2	.348	.016	.036
7	Wilshire Blvd - Existing	Between Beverly Glen Blvd & H	h	38280	56	1	0			75	70.7	67.3	62.9	69.8	72.3	59.5	55.1	62.0	64.5	59.5	55.1	62.0	64.5	57.7	53.4	60.3	62.7	.348	.016	.036
8	Wilshire Blvd - Existing	Between Glendon Ave & Westv	h	29580	56	1	0			75	69.6	66.1	61.8	68.7	71.1	58.4	54.0	60.9	63.4	58.4	54.0	60.9	63.4	56.6	52.3	59.2	61.6	.348	.016	.036
9	Wilshire Blvd - Existing	Between Barrington Ave & Stor	h	31370	56	1	0			75	69.9	66.4	62.0	68.9	71.4	58.6	54.3	61.2	63.6	58.6	54.3	61.2	63.6	56.9	52.5	59.4	61.9	.348	.016	.036
10	Wilshire Blvd - Existing	Between Saltair Ave & Bundy D	h	28560	56	1	0			75	69.5	66.0	61.6	68.5	71.0	58.2	53.8	60.8	63.2	58.2	53.8	60.8	63.2	56.5	52.1	59.0	61.5	.348	.016	.036
11																														
12	Wilshire Blvd - Opening Year (2	Between Westlake Ave & Alvar	h	24960	56	1	0			75	68.9	65.4	61.0	67.9	70.4	57.6	53.3	60.2	62.6	57.6	53.3	60.2	62.6	55.9	51.5	58.4	60.9	.348	.016	.036
13	Wilshire Blvd - Opening Year (2	Between Alvarado St & Park Vi	h	24730	56	1	0			75	68.9	65.4	61.0	67.9	70.4	57.6	53.2	60.1	62.6	57.6	53.2	60.1	62.6	55.8	51.5	58.4	60.8	.348	.016	.036
14	Wilshire Blvd - Opening Year (2	Between Shatto Pl & Vermont A	h	31740	56	1	0			75	69.9	66.5	62.1	69.0	71.4	58.7	54.3	61.2	63.7	58.7	54.3	61.2	63.7	56.9	52.6	59.5	61.9	.348	.016	.036
15	Wilshire Blvd - Opening Year (2	Between Oxford Ave & Western	h	27860	56	1	0			75	69.4	65.9	61.5	68.4	70.9	58.1	53.7	60.6	63.1	58.1	53.7	60.6	63.1	56.3	52.0	58.9	61.3	.348	.016	.036
16	Wilshire Blvd - Opening Year (2	Between Crenshaw Blvd & Lorr	h	36130	56	1	0			75	70.5	67.0	62.6	69.6	72.0	59.2	54.9	61.8	64.2	59.2	54.9	61.8	64.2	57.5	53.1	60.0	62.5	.348	.016	.036
17	Wilshire Blvd - Opening Year (2	Between San Vicente Blvd & Tc	h	38760	56	1	0			75	70.8	67.3	62.9	69.9	72.3	59.5	55.2	62.1	64.5	59.5	55.2	62.1	64.5	57.8	53.4	60.3	62.8	.348	.016	.036
18	Wilshire Blvd - Opening Year (2	Between Beverly Glen Blvd & H	h	43700	56	1	0			75	71.3	67.8	63.5	70.4	72.8	60.1	55.7	62.6	65.1	60.1	55.7	62.6	65.1	58.3	53.9	60.8	63.3	.348	.016	.036
19	Wilshire Blvd - Opening Year (2	Between Glendon Ave & Westv	h	42080	56	1	0			75	71.2	67.7	63.3	70.2	72.7	59.9	55.5	62.4	64.9	59.9	55.5	62.4	64.9	58.1	53.8	60.7	63.1	.348	.016	.036
20	Wilshire Blvd - Opening Year (2	Between Barrington Ave & Stor	h	34240	56	1	0			75	70.3	66.8	62.4	69.3	71.8	59.0	54.6	61.5	64.0	59.0	54.6	61.5	64.0	57.2	52.9	59.8	62.2	.348	.016	.036
21	Wilshire Blvd - Opening Year (2	Between Saltair Ave & Bundy D	h	31020	56	1	0			75	69.8	66.4	62.0	68.9	71.3	58.6	54.2	61.1	63.6	58.6	54.2	61.1	63.6	56.8	52.5	59.4	61.8	.348	.016	.036
22																														
23	Wilshire Blvd - Opening Year (2	Between Westlake Ave & Alvar	h	16380	56	1	0			75	67.1	63.6	59.2	66.1	68.6	55.8	51.5	58.3	60.8	55.8	51.5	58.3	60.8	54.0	49.7	56.6	59.1	.348	.016	.036
24	Wilshire Blvd - Opening Year (2	Between Alvarado St & Park Vi	h	16230	56	1	0			75	67.0	63.5	59.2	66.1	68.5	55.8	51.4	58.3	60.8	55.8	51.4	58.3	60.8	54.0	49.7	56.6	59.0	.348	.016	.036
25	Wilshire Blvd - Opening Year (2	Between Shatto Pl & Vermont A	h	27080	56	1	0			75	69.2	65.8	61.4	68.3	70.8	58.0	53.6	60.5	63.0	58.0	53.6	60.5	63.0	56.2	51.9	58.8	61.2	.348	.016	.036
26	Wilshire Blvd - Opening Year (2	Between Oxford Ave & Western	h	22980	56	1	0			75	68.5	65.1	60.7	67.6	70.0	57.3	52.9	59.8	62.3	57.3	52.9	59.8	62.3	55.5	51.2	58.1	60.5	.348	.016	.036
27	Wilshire Blvd - Opening Year (2	Between Crenshaw Blvd & Lorr	h	31290	56	1	0			75	69.9	66.4	62.0	68.9	71.4	58.6	54.2	61.2	63.6	58.6	54.2	61.2	63.6	56.9	52.5	59.4	61.9	.348	.016	.036
28	Wilshire Blvd - Opening Year (2	Between San Vicente Blvd & Tc	h	36330	56	1	0			75	70.5	67.0	62.6	69.6	72.0	59.3	54.9	61.8	64.3	59.3	54.9	61.8	64.3	57.5	53.1	60.0	62.5	.348	.016	.036
29	Wilshire Blvd - Opening Year (2	Between Beverly Glen Blvd & H	h	39610	56	1	0			75	70.9	67.4	63.0	69.9	72.4	59.6	55.3	62.2	64.6	59.6	55.3	62.2	64.6	57.9	53.5	60.4	62.9	.348	.016	.036
30	Wilshire Blvd - Opening Year (2	Between Glendon Ave & Westv	h	38210	56	1	0			75	70.7	67.3	62.9	69.8	72.3	59.5	55.1	62.0	64.5	59.5	55.1	62.0	64.5	57.7	53.4	60.3	62.7	.348	.016	.036
31	Wilshire Blvd - Opening Year (2	Between Barrington Ave & Stor	h	32540	56	1	0			75	70.0	66.6	62.2	69.1	71.6	58.8	54.4	61.3	63.8	58.8	54.4	61.3	63.8	57.0	52.7	59.6	62.0	.348	.016	.036
32	Wilshire Blvd - Opening Year (2	Between Saltair Ave & Bundy D	h	29610	56	1	0			75	69.6	66.2	61.8	68.7	71.1	58.4	54.0	60.9	63.4	58.4	54.0	60.9	63.4	56.6	52.3	59.2	61.6	.348	.016	.036
33																														
34	Wilshire Blvd - Horizon Year (2)	Between Westlake Ave & Alvar	h	26110	56	1	0			75	69.1	65.6	61.2	68.1	70.6	57.8	53.5	60.4	62.8	57.8	53.5	60.4	62.8	56.1	51.7	58.6	61.1	.348	.016	.036
35	Wilshire Blvd - Horizon Year (2)	Between Alvarado St & Park Vi	h	25820	56	1	0			75	69.0	65.6	61.2	68.1	70.6	57.8	53.4	60.3	62.8	57.8	53.4	60.3	62.8	56.0	51.7	58.6	61.0	.348	.016	.036
36	Wilshire Blvd - Horizon Year (2)	Between Shatto Pl & Vermont A	h	33450	56	1	0			75	70.2	66.7	62.3	69.2	71.7	58.9	54.5	61.4	63.9	58.9	54.5	61.4	63.9	57.1	52.8	59.7	62.1	.348	.016	.036
37	Wilshire Blvd - Horizon Year (2)	Between Oxford Ave & Western	h	28720	56	1	0			75	69.5	66.0	61.6	68.6	71.0	58.2	53.9	60.8	63.2	58.2	53.9	60.8	63.2	56.5	52.1	59.0	61.5	.348	.016	.036
38	Wilshire Blvd - Horizon Year (2)	Between Crenshaw Blvd & Lorr	h	37060	56	1	0			75	70.6	67.1	62.7	69.7	72.1	59.3	55.0	61.9	64.3	59.3	55.0	61.9	64.3	57.6	53.2	60.1	62.6	.348	.016	.036
39	Wilshire Blvd - Horizon Year (2)	Between San Vicente Blvd & Tc	h	40040	56	1	0			75	70.9	67.5	63.1	70.0	72.5	59.7	55.3	62.2	64.7	59.7	55.3	62.2	64.7	57.9	53.6	60.5	62.9	.348	.016	.036
40	Wilshire Blvd - Horizon Year (2)	Between Beverly Glen Blvd & H	h	45380	56	1	0			75	71.5	68.0	63.6	70.5	73.0	60.2	55.9	62.8	65.2	60.2	55.9	62.8	65.2	58.5	54.1	61.0	63.5	.348	.016	.036
41	Wilshire Blvd - Horizon Year (2)	Between Glendon Ave & Westv	h	44080	56	1	0			75	71.4	67.9	63.5	70.4	72.9	60.1	55.7	62.6	65.1	60.1	55.7	62.6	65.1	58.3	54.0	60.9	63.3	.348	.016	.036
42																														

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ALTERNATIVE A

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This spreadsheet calculates traffic noise levels based on TNM Version 2.5 Lookup Tables

***** PRESS F9 to Calculate ***** then, wait approx. 10 seconds until status at lower left of window says "Ready"

Password = "noise"

** Type in yellow cells only.

** Day/Eve/Night & Auto/MT/HT cells must add to 100

** Be sure to indicate ENGLISH or METRIC units

** Note that both Ldn and CNEL require input for evening traffic

Day = 12 hours, 7:00 AM to 7:00 PM

Eve = 3 hours, 7:00 PM to 10:00 PM

Night = 9 hours, 10:00 PM to 7:00 AM

CONTOUR VALUES		
1	70	dB
2	65	dB
3	60	dB
4	55	dB

UNITS		
	english	
	"english" OR "metric"	

DAY PEAK/OFFPEAK SPLITS		
4	no. of hours - peak	
8	no. of hours - offpeak	
3	no. of hours - evening	
9	no. of hours - night	
24	TOTAL no. of hours	

PENALTIES		
	dB	
+ 5	evening	
+ 10	night	

METRIC/ENGLISH CALCULATOR			
80	MPH	equals	128.74
100	KPH	equals	62.14
680	feet	equals	207.26
9	meters	equals	29.53

Mix 1.

		Day			
		Peak	Offpk	Eve	Night
		40	45	5	10

Auto	87	.348	.392	.044	.087
MT	4	.016	.018	.002	.004
HT	9	.036	.041	.005	.009

Mix 2.

		Day			
		Peak	Offpk	Eve	Night
		50	30	5	15

Auto	80	.400	.240	.040	.120
MT	5	.025	.015	.003	.008
HT	15	.075	.045	.008	.023

Mix 3.

		Day			
		Peak	Offpk	Eve	Night
		85		5	10

Auto	87	.740	.000	.044	.087
MT	4	.034	.000	.002	.004
HT	9	.077	.000	.005	.009

Mix 4.

		Day			
		Peak	Offpk	Eve	Night
		85	1	4	10

Auto	87	.740	.009	.035	.087
MT	4	.034	.000	.002	.004
HT	9	.077	.001	.004	.009

Mix 5.

		Day			
		Peak	Offpk	Eve	Night
		100		0	0

Auto	87	.870	.000	.000	.000
MT	4	.040	.000	.000	.000
HT	9	.090	.000	.000	.000

Number	Roadway	Segment Location	Hard or Soft Ground (H or S)	Total Daily Traffic Volumes	SPEED		BARRIER		
					MPH	Mix Number	Present (1=yes)	Height (7 to 30 ft) Distance (35 or 100 ft)	
								ENGLISH	ENGLISH
1	Wilshire Blvd - Existing	Between Westlake Ave & Alvarado St	h	22150	35	1	0		
2	Wilshire Blvd - Existing	Between Alvarado St & Park View Dr	h	21920	35	1	0		
3	Wilshire Blvd - Existing	Between Shatto Pl & Vermont Ave	h	28380	35	1	0		
4	Wilshire Blvd - Existing	Between Oxford Ave & Western Ave	h	24460	35	1	0		
5	Wilshire Blvd - Existing	Between Crenshaw Blvd & Lorrain Ave	h	32860	35	1	0		
6	Wilshire Blvd - Existing	Between San Vicente Blvd & Tower Dr	h	33680	35	1	0		
7	Wilshire Blvd - Existing	Between Beverly Glen Blvd & Holmby Ave	h	38290	35	1	0		
8	Wilshire Blvd - Existing	Between Glendon Ave & Westwood Dr	h	29580	35	1	0		
9	Wilshire Blvd - Existing	Between Barrington Ave & Stoneman Ave	h	31370	35	1	0		
10	Wilshire Blvd - Existing	Between Saltair Ave & Bundy Dr	h	28560	35	1	0		
11									
12	Wilshire Blvd - Opening Year (2012) without Project	Between Westlake Ave & Alvarado St	h	24960	35	1	0		
13	Wilshire Blvd - Opening Year (2012) without Project	Between Alvarado St & Park View Dr	h	24730	35	1	0		
14	Wilshire Blvd - Opening Year (2012) without Project	Between Shatto Pl & Vermont Ave	h	31740	35	1	0		
15	Wilshire Blvd - Opening Year (2012) without Project	Between Oxford Ave & Western Ave	h	27860	35	1	0		
16	Wilshire Blvd - Opening Year (2012) without Project	Between Crenshaw Blvd & Lorrain Ave	h	36130	35	1	0		
17	Wilshire Blvd - Opening Year (2012) without Project	Between San Vicente Blvd & Tower Dr	h	38760	35	1	0		
18	Wilshire Blvd - Opening Year (2012) without Project	Between Beverly Glen Blvd & Holmby Ave	h	43700	35	1	0		
19	Wilshire Blvd - Opening Year (2012) without Project	Between Glendon Ave & Westwood Dr	h	42080	35	1	0		
20	Wilshire Blvd - Opening Year (2012) without Project	Between Barrington Ave & Stoneman Ave	h	34240	35	1	0		
21	Wilshire Blvd - Opening Year (2012) without Project	Between Saltair Ave & Bundy Dr	h	31020	35	1	0		
22									
23	Wilshire Blvd - Opening Year (2012) with Project Altern	Between Westlake Ave & Alvarado St	h	24310	35	1	0		
24	Wilshire Blvd - Opening Year (2012) with Project Altern	Between Alvarado St & Park View Dr	h	24290	35	1	0		
25	Wilshire Blvd - Opening Year (2012) with Project Altern	Between Shatto Pl & Vermont Ave	h	26850	35	1	0		
26	Wilshire Blvd - Opening Year (2012) with Project Altern	Between Oxford Ave & Western Ave	h	22820	35	1	0		
27	Wilshire Blvd - Opening Year (2012) with Project Altern	Between Crenshaw Blvd & Lorrain Ave	h	31110	35	1	0		
28	Wilshire Blvd - Opening Year (2012) with Project Altern	Between San Vicente Blvd & Tower Dr	h	36970	35	1	0		
29	Wilshire Blvd - Opening Year (2012) with Project Altern	Between Beverly Glen Blvd & Holmby Ave	h	37090	35	1	0		
30	Wilshire Blvd - Opening Year (2012) with Project Altern	Between Glendon Ave & Westwood Dr	h	36890	35	1	0		
31	Wilshire Blvd - Opening Year (2012) with Project Altern	Between Barrington Ave & Stoneman Ave	h	32110	35	1	0		
32	Wilshire Blvd - Opening Year (2012) with Project Altern	Between Saltair Ave & Bundy Dr	h	29160	35	1	0		
33									
34	Wilshire Blvd - Horizon Year (2020) without Project	Between Westlake Ave & Alvarado St	h	26110	35	1	0		
35	Wilshire Blvd - Horizon Year (2020) without Project	Between Alvarado St & Park View Dr	h	25820	35	1	0		
36	Wilshire Blvd - Horizon Year (2020) without Project	Between Shatto Pl & Vermont Ave	h	33450	35	1	0		
37	Wilshire Blvd - Horizon Year (2020) without Project	Between Oxford Ave & Western Ave	h	28720	35	1	0		
38	Wilshire Blvd - Horizon Year (2020) without Project	Between Crenshaw Blvd & Lorrain Ave	h	37060	35	1	0		
39	Wilshire Blvd - Horizon Year (2020) without Project	Between San Vicente Blvd & Tower Dr	h	40040	35	1	0		
40	Wilshire Blvd - Horizon Year (2020) without Project	Between Beverly Glen Blvd & Holmby Ave	h	45380	35	1	0		
41	Wilshire Blvd - Horizon Year (2020) without Project	Between Glendon Ave & Westwood Dr	h	44080	35	1	0		
42	Wilshire Blvd - Horizon Year (2020) without Project	Between Barrington Ave & Stoneman Ave	h	34890	35	1	0		
43	Wilshire Blvd - Horizon Year (2020) without Project	Between Saltair Ave & Bundy Dr	h	31650	35	1	0		
44									
45	Wilshire Blvd - Horizon Year (2020) with Project Altern	Between Westlake Ave & Alvarado St	h	25560	35	1	0		
46	Wilshire Blvd - Horizon Year (2020) with Project Altern	Between Alvarado St & Park View Dr	h	25360	35	1	0		
47	Wilshire Blvd - Horizon Year (2020) with Project Altern	Between Shatto Pl & Vermont Ave	h	28900	35	1	0		
48	Wilshire Blvd - Horizon Year (2020) with Project Altern	Between Oxford Ave & Western Ave	h	23800	35	1	0		
49	Wilshire Blvd - Horizon Year (2020) with Project Altern	Between Crenshaw Blvd & Lorrain Ave	h	32500	35	1	0		
50	Wilshire Blvd - Horizon Year (2020) with Project Altern	Between San Vicente Blvd & Tower Dr	h	37190	35	1	0		
51	Wilshire Blvd - Horizon Year (2020) with Project Altern	Between Beverly Glen Blvd & Holmby Ave	h	37660	35	1	0		
52	Wilshire Blvd - Horizon Year (2020) with Project Altern	Between Glendon Ave & Westwood Dr	h	37810	35	1	0		
53	Wilshire Blvd - Horizon Year (2020) with Project Altern	Between Barrington Ave & Stoneman Ave	h	33330	35	1	0		
54	Wilshire Blvd - Horizon Year (2020) with Project Altern	Between Saltair Ave & Bundy Dr	h	30290	35	1	0		
55									
56									
57									
58									
59									
60									

* distance from center of roadway

Distance * (feet)	RECEIVER		
	dB Ldn	dB CNEL	dB A Pk Leq1h
	ENGLISH	ENGLISH	ENGLISH
75	68.1	68.4	69.9
75	68.0	68.3	69.8
75	69.2	69.4	71.0
75	68.5	68.8	70.3
75	69.8	70.1	71.6
75	69.9	70.2	71.7
75	70.5	70.7	72.3
75	69.3	69.6	71.1
75	69.6	69.9	71.4
75	69.6	69.9	71.4
75	69.1	69.4	72.1
75	70.2	70.5	72.0
75	70.5	70.8	72.3
75	71.0	71.3	72.8
75	70.9	71.2	72.7
75	70.0	70.3	71.8
75	69.5	69.8	71.3
75	68.5	68.8	70.3
75	68.5	68.8	70.3
75	68.9	69.2	70.7
75	68.2	68.5	70.0
75	69.6	69.8	71.4
75	70.3	70.6	72.1
75	70.3	70.6	72.1
75	70.3	70.6	72.1
75	69.7	70.0	71.5
75	69.3	69.6	71.1
75	68.8	69.1	70.6
75	68.8	69.0	70.6
75	69.9	70.2	71.7
75	69.2	69.5	71.0
75	69.2	69.5	71.0
75	70.3	70.6	72.1
75	70.7	70.9	72.5
75	71.2	71.5	73.0
75	71.1	71.4	72.9
75	70.1	70.3	71.9
75	69.6	69.9	71.4
75	68.7	69.0	70.5
75	68.7	69.0	70.5
75	69.2	69.5	71.0
75	68.4	68.7	70.2
75	69.7	70.0	71.5
75	70.3	70.6	72.1
75	70.4	70.7	72.2
75	70.4	70.7	72.2
75	69.9	70.1	71.7
75	69.4	69.7	71.2

Number	Roadway	Segment Location	BARRIER		
			Present (1=yes)	Height (7 to 30 ft)	
			Distance (35 or 100 ft)		
			ENGLISH	ENGLISH	
1	Wilshire Blvd - Existing	Between Westlake Ave & Alvarado St	0		
2	Wilshire Blvd - Existing	Between Alvarado St & Park View	0		
3	Wilshire Blvd - Existing	Between Shatto Pl & Vermont Ave	0		
4	Wilshire Blvd - Existing	Between Oxford Ave & Western	0		
5	Wilshire Blvd - Existing	Between Crenshaw Blvd & Lorrain	0		
6	Wilshire Blvd - Existing	Between San Vicente Blvd & Tilden	0		
7	Wilshire Blvd - Existing	Between Beverly Glen Blvd & Hollywood	0		
8	Wilshire Blvd - Existing	Between Glendon Ave & Westwood	0		
9	Wilshire Blvd - Existing	Between Barrington Ave & Stoneman	0		
10	Wilshire Blvd - Existing	Between Saltair Ave & Bundy Dr	0		
11					
12	Wilshire Blvd - Opening Year (2020)	Between Westlake Ave & Alvarado St	0		
13	Wilshire Blvd - Opening Year (2020)	Between Alvarado St & Park View	0		
14	Wilshire Blvd - Opening Year (2020)	Between Shatto Pl & Vermont Ave	0		
15	Wilshire Blvd - Opening Year (2020)	Between Oxford Ave & Western	0		
16	Wilshire Blvd - Opening Year (2020)	Between Crenshaw Blvd & Lorrain	0		
17	Wilshire Blvd - Opening Year (2020)	Between San Vicente Blvd & Tilden	0		
18	Wilshire Blvd - Opening Year (2020)	Between Beverly Glen Blvd & Hollywood	0		
19	Wilshire Blvd - Opening Year (2020)	Between Glendon Ave & Westwood	0		
20	Wilshire Blvd - Opening Year (2020)	Between Barrington Ave & Stoneman	0		
21	Wilshire Blvd - Opening Year (2020)	Between Saltair Ave & Bundy Dr	0		
22					
23	Wilshire Blvd - Opening Year (2020)	Between Westlake Ave & Alvarado St	0		
24	Wilshire Blvd - Opening Year (2020)	Between Alvarado St & Park View	0		
25	Wilshire Blvd - Opening Year (2020)	Between Shatto Pl & Vermont Ave	0		
26	Wilshire Blvd - Opening Year (2020)	Between Oxford Ave & Western	0		
27	Wilshire Blvd - Opening Year (2020)	Between Crenshaw Blvd & Lorrain	0		
28	Wilshire Blvd - Opening Year (2020)	Between San Vicente Blvd & Tilden	0		
29	Wilshire Blvd - Opening Year (2020)	Between Beverly Glen Blvd & Hollywood	0		
30	Wilshire Blvd - Opening Year (2020)	Between Glendon Ave & Westwood	0		
31	Wilshire Blvd - Opening Year (2020)	Between Barrington Ave & Stoneman	0		
32	Wilshire Blvd - Opening Year (2020)	Between Saltair Ave & Bundy Dr	0		
33					
34	Wilshire Blvd - Horizon Year (2020)	Between Westlake Ave & Alvarado St	0		
35	Wilshire Blvd - Horizon Year (2020)	Between Alvarado St & Park View	0		
36	Wilshire Blvd - Horizon Year (2020)	Between Shatto Pl & Vermont Ave	0		
37	Wilshire Blvd - Horizon Year (2020)	Between Oxford Ave & Western	0		
38	Wilshire Blvd - Horizon Year (2020)	Between Crenshaw Blvd & Lorrain	0		
39	Wilshire Blvd - Horizon Year (2020)	Between San Vicente Blvd & Tilden	0		
40	Wilshire Blvd - Horizon Year (2020)	Between Beverly Glen Blvd & Hollywood	0		
41	Wilshire Blvd - Horizon Year (2020)	Between Glendon Ave & Westwood	0		
42	Wilshire Blvd - Horizon Year (2020)	Between Barrington Ave & Stoneman	0		
43	Wilshire Blvd - Horizon Year (2020)	Between Saltair Ave & Bundy Dr	0		
44					
45	Wilshire Blvd - Horizon Year (2020)	Between Westlake Ave & Alvarado St	0		
46	Wilshire Blvd - Horizon Year (2020)	Between Alvarado St & Park View	0		
47	Wilshire Blvd - Horizon Year (2020)	Between Shatto Pl & Vermont Ave	0		
48	Wilshire Blvd - Horizon Year (2020)	Between Oxford Ave & Western	0		
49	Wilshire Blvd - Horizon Year (2020)	Between Crenshaw Blvd & Lorrain	0		
50	Wilshire Blvd - Horizon Year (2020)	Between San Vicente Blvd & Tilden	0		
51	Wilshire Blvd - Horizon Year (2020)	Between Beverly Glen Blvd & Hollywood	0		
52	Wilshire Blvd - Horizon Year (2020)	Between Glendon Ave & Westwood	0		
53	Wilshire Blvd - Horizon Year (2020)	Between Barrington Ave & Stoneman	0		
54	Wilshire Blvd - Horizon Year (2020)	Between Saltair Ave & Bundy Dr	0		
55					

Distance * (feet)	RECEIVER		
	dB Ldn	dB CNEL	dBA Pk Leq1h
ENGLISH			
75	68.1	68.4	69.9
75	68.0	68.3	69.8
75	69.2	69.4	71.0
75	68.5	68.8	70.3
75	69.8	70.1	71.6
75	69.9	70.2	71.7
75	70.5	70.7	72.3
75	69.3	69.6	71.1
75	69.6	69.9	71.4
75	69.2	69.5	71.0
75	68.6	68.9	70.4
75	68.6	68.9	70.4
75	69.6	69.9	71.4
75	69.1	69.4	72.1
75	70.2	70.5	72.0
75	70.5	70.8	72.3
75	71.0	71.3	72.8
75	70.9	71.2	72.7
75	70.0	70.3	71.8
75	69.5	69.8	71.3
75	68.5	68.8	70.3
75	68.5	68.8	70.3
75	68.9	69.2	70.7
75	68.2	68.5	70.0
75	69.6	69.8	71.4
75	70.3	70.6	72.1
75	70.3	70.6	72.1
75	70.3	70.6	72.1
75	69.7	70.0	71.5
75	69.3	69.6	71.1
75	68.8	69.1	70.6
75	68.8	69.0	70.6
75	69.9	70.2	71.7
75	69.2	69.5	71.0
75	70.3	70.6	72.1
75	70.7	70.9	72.5
75	71.2	71.5	73.0
75	71.1	71.4	72.9
75	70.1	70.3	71.9
75	69.6	69.9	71.4
75	68.7	69.0	70.5
75	69.2	69.5	71.0
75	68.4	68.7	70.2
75	69.7	70.0	71.5
75	70.3	70.6	72.1
75	70.4	70.7	72.2
75	70.4	70.7	72.2
75	69.9	70.1	71.7
75	69.4	69.7	71.2

Distance to CNEL Noise Contour (ft)				
OK				
70 dB CNEL	65 dB CNEL	60 dB CNEL	55 dB CNEL	
61.4	191.2	522.8	>1,000	
60.9	189.5	518.9	>1,000	
78.7	242.0	636.4	>1,000	
66.4	210.4	568.2	>1,000	
90.8	275.9	712.5	>1,000	
92.8	281.9	726.7	>1,000	
105.4	316.2	800.9	>1,000	
82.1	251.2	656.1	>1,000	
87.0	264.5	687.8	>1,000	
79.2	243.4	639.4	>1,000	
68.1	214.6	576.9	>1,000	
67.3	212.7	572.9	>1,000	
87.9	267.3	694.1	>1,000	
77.2	237.9	627.7	>1,000	
98.7	299.8	768.8	>1,000	
106.9	319.8	809.3	>1,000	
120.8	353.9	887.2	>1,000	
116.4	343.2	863.0	>1,000	
94.2	286.0	737.8	>1,000	
86.0	261.8	681.8	>1,000	
65.9	209.1	565.5	>1,000	
65.8	209.0	565.2	>1,000	
74.1	229.6	610.2	>1,000	
62.8	196.2	536.3	>1,000	
86.3	262.4	683.3	>1,000	
101.4	306.3	780.1	>1,000	
101.8	307.3	781.7	>1,000	
101.1	305.7	779.0	>1,000	
88.9	270.2	700.3	>1,000	
80.9	248.0	649.3	>1,000	
71.8	223.9	596.9	>1,000	
70.9	221.6	591.6	>1,000	
92.3	280.2	722.0	>1,000	
79.7	244.6	642.1	>1,000	
101.7	307.0	781.3	>1,000	
110.7	329.0	830.8	>1,000	
125.2	365.2	911.4	>1,000	
121.9	356.4	892.8	>1,000	
95.7	290.6	750.5	>1,000	
87.7	266.7	692.6	>1,000	
70.0	219.5	587.2	>1,000	
69.4	217.9	583.8	>1,000	
80.2	246.0	645.0	>1,000	
64.8	204.8	556.3	>1,000	
89.9	273.2	706.7	>1,000	
102.1	308.0	783.0	>1,000	
103.5	311.6	789.8	>1,000	
104.0	312.7	792.5	>1,000	
92.0	279.4	720.1	>1,000	
84.1	256.5	668.9	>1,000	

56			
57			
58			
59			
60			

	0.0	0.0	0.0
	0.0	0.0	0.0

vehicle mixes					% of day split				checksum
	day-peak	day-offpaek	evening	night	day-peak	day-offpaek	evening	night	
auto	90.0	85.0	84.0	75.0	.405	.340	.084	.038	1.000
MT	6.0	7.0	6.0	3.0	.027	.028	.006	.002	
HT	4.0	8.0	10.0	22.0	.018	.032	.010	.011	

VEHICLE MIX ASSUMPTIONS FROM RD 77-108 MODEL FORMATTED FOR PASTE INTO THIS MODEL h

Mix 1. Arterial Roadways (From East Orange 2000)				Input		
	Input			Input		
	Day	Eve	Night	Day	Eve	Night
Auto	75.5	12.6	9.3	.755	.126	.093
MT	1.6	0.1	0.2	.016	.001	.002
HT	0.6	0.0	0.1	.006	.000	.001
Auto %	97.2	99.1	97.2	.972	.991	.972
MT %	2.0	0.7	2.0	.020	.007	.020
HT %	0.8	0.2	0.8	.008	.002	.008
Daily Auto %	97.4			.974		
Daily MT %	1.8			.018		
Daily HT %	0.7			.007		
Total	77.7	12.7	9.6	.777	.127	.096
Grand total	100.0	OK		1.000	OK	

Mix 2. Transportation Corridors (From East Orange 2000)				Input		
	Input			Input		
	Day	Eve	Night	Day	Eve	Night
Auto	67.0	18.3	9.7	.670	.183	.097
MT	2.3	0.2	0.6	.023	.002	.006
HT	1.5	0.2	0.4	.015	.002	.004
Auto %	94.7	97.8	91.2	.947	.978	.912
MT %	3.2	1.0	5.3	.032	.010	.053
HT %	2.1	1.2	3.5	.021	.012	.035
Daily Auto %	95.0			.950		
Daily MT %	3.0			.030		
Daily HT %	2.1			.021		
Total	70.8	18.7	10.6	.708	.187	.106
Grand total	100.1	Warning! Check		1.001	Warning! Check	

Mix 3. Highway (From J&S SR99)				Input		
	Input			Input		
	Day	Eve	Night	Day	Eve	Night
Auto	64.6	10.3	12.9	.646	.103	.129
MT	5.0	0.3	0.6	.050	.003	.006
HT	4.4	0.4	1.5	.044	.004	.015
Auto %	87.3	93.8	85.9	.873	.938	.859

MT %	6.8	2.4	3.9	.068	.024	.039
HT %	5.9	3.8	10.2	.059	.038	.102
Daily Auto %	87.8			.878		
Daily MT %	5.9			.059		
Daily HT %	6.3			.063		
Total	74.0	11.0	15.0	.740	.110	.150
Grand total	100.0	OK		1.000	OK	

Mix 4. Local (From Local/Lodi)				Input		
	Input			Input		
	Day	Eve	Night	Day	Eve	Night
Auto	74.5	10.5	13.4	.745	.105	.134
MT	0.8	0.0	0.1	.008	.000	.001
HT	0.7	0.0	0.0	.007	.000	.000
Auto %	98.0	99.8	99.3	.980	.998	.993
MT %	1.1	0.1	0.7	.011	.001	.007
HT %	0.9	0.1	0.0	.009	.001	.000
Daily Auto %	98.4			.984		
Daily MT %	0.9			.009		
Daily HT %	0.7			.007		
Total	76.0	10.5	13.5	.760	.105	.135
Grand total	100.0	OK		1.000	OK	

Variable				Input		
	Input			Input		
	Day	Eve	Night	Day	Eve	Night
Auto	14.82	4.05	2.14	.148	.040	.021
MT	7.50	0.63	1.87	.075	.006	.019
HT	49.29	7.56	12.16	.493	.076	.122
Auto %	20.7	33.1	13.2	.207	.331	.132
MT %	10.5	5.2	11.6	.105	.052	.116
HT %	68.8	61.8	75.2	.688	.618	.752
Daily Auto %	21.0			.210		
Daily MT %	10.0			.100		
Daily HT %	69.0			.690		
Total	71.6	12.2	16.2	.716	.122	.162
Grand total	100.0	OK		1.000	OK	

	67.03	18.31	9.66	95
	2.25	0.19	0.56	3
	1.5	0.23	0.37	2.1
	0.705579	0.192737	0.101684	1
	0.75	0.063333	0.186667	1
	0.714286	0.109524	0.17619	1
21%	0.148172	0.040475	0.021354	0.21
10%	0.075	0.006333	0.018667	0.1
69%	0.492857	0.075571	0.121571	0.69
100%				1.00
21%	14.81716	4.047474	2.135368	21
10%	7.5	0.633333	1.866667	10
69%	49.28571	7.557143	12.15714	69
100%				100

* NOTE: TNM lookup calculations require these units, regardless of input.

Number	Roadway	Segment Location	Hard or Soft Ground (H or S)	Total Daily Traffic Volumes	SPEED		BARRIER			Receiver Distance (feet)	dB CNEL	Level contributions by receiver location												Day - peak						
					KPH	Mix Number	Present (1=yes)	Height (2 to 9 m)	Distance (10 or 30 m)			Day - peak				Day - offpeak				Evening				Night				A	MT	HT
					METRIC*							A	MT	HT	Total	A	MT	HT	Total	A	MT	HT	Total	A	MT	HT	Total	A	MT	HT
1	Wilshire Blvd - Existing	Between Westlake Ave & Alvar	h	22150	56	1	0			75	68.4	64.9	60.5	67.4	69.9	57.1	52.8	59.7	62.1	57.1	52.8	59.7	62.1	55.4	51.0	57.9	60.4	.348	.016	.036
2	Wilshire Blvd -Existing	Between Alvarado St & Park Vi	h	21920	56	1	0			75	68.3	64.8	60.5	67.4	69.8	57.1	52.7	59.6	62.1	57.1	52.7	59.6	62.1	55.3	51.0	57.9	60.3	.348	.016	.036
3	Wilshire Blvd -Existing	Between Shatto Pl & Vermont A	h	28380	56	1	0			75	69.4	66.0	61.6	68.5	71.0	58.2	53.8	60.7	63.2	58.2	53.8	60.7	63.2	56.4	52.1	59.0	61.4	.348	.016	.036
4	Wilshire Blvd -Existing	Between Oxford Ave & Western	h	24460	56	1	0			75	68.8	65.3	60.9	67.9	70.3	57.5	53.2	60.1	62.5	57.5	53.2	60.1	62.5	55.8	51.4	58.3	60.8	.348	.016	.036
5	#REF!	Between Crenshaw Blvd & Lorr	h	32860	56	1	0			75	70.1	66.6	62.2	69.1	71.6	58.8	54.5	61.4	63.8	58.8	54.5	61.4	63.8	57.1	52.7	59.6	62.1	.348	.016	.036
6	Wilshire Blvd - Existing	Between San Vicente Blvd & Tc	h	33680	56	1	0			75	70.2	66.7	62.3	69.2	71.7	58.9	54.6	61.5	63.9	58.9	54.6	61.5	63.9	57.2	52.8	59.7	62.2	.348	.016	.036
7	Wilshire Blvd - Existing	Between Beverly Glen Blvd & H	h	38280	56	1	0			75	70.7	67.3	62.9	69.8	72.3	59.5	55.1	62.0	64.5	59.5	55.1	62.0	64.5	57.7	53.4	60.3	62.7	.348	.016	.036
8	Wilshire Blvd -Existing	Between Glendon Ave & Westv	h	29580	56	1	0			75	69.6	66.1	61.8	68.7	71.1	58.4	54.0	60.9	63.4	58.4	54.0	60.9	63.4	56.6	52.3	59.2	61.6	.348	.016	.036
9	Wilshire Blvd -Existing	Between Barrington Ave & Stor	h	31370	56	1	0			75	69.9	66.4	62.0	68.9	71.4	58.6	54.3	61.2	63.6	58.6	54.3	61.2	63.6	56.9	52.5	59.4	61.9	.348	.016	.036
10	Wilshire Blvd -Existing	Between Saltair Ave & Bundy D	h	28560	56	1	0			75	69.5	66.0	61.6	68.5	71.0	58.2	53.8	60.8	63.2	58.2	53.8	60.8	63.2	56.5	52.1	59.0	61.5	.348	.016	.036
11																														
12	Wilshire Blvd - Opening Year (2	Between Westlake Ave & Alvar	h	24960	56	1	0			75	68.9	65.4	61.0	67.9	70.4	57.6	53.3	60.2	62.6	57.6	53.3	60.2	62.6	55.9	51.5	58.4	60.9	.348	.016	.036
13	Wilshire Blvd -Opening Year (2	Between Alvarado St & Park Vi	h	24730	56	1	0			75	68.9	65.4	61.0	67.9	70.4	57.6	53.2	60.1	62.6	57.6	53.2	60.1	62.6	55.8	51.5	58.4	60.8	.348	.016	.036
14	Wilshire Blvd - Opening Year (2	Between Shatto Pl & Vermont A	h	31740	56	1	0			75	69.9	66.5	62.1	69.0	71.4	58.7	54.3	61.2	63.7	58.7	54.3	61.2	63.7	56.9	52.6	59.5	61.9	.348	.016	.036
15	Wilshire Blvd -Opening Year (2	Between Oxford Ave & Western	h	27860	56	1	0			75	69.4	65.9	61.5	68.4	70.9	58.1	53.7	60.6	63.1	58.1	53.7	60.6	63.1	56.3	52.0	58.9	61.3	.348	.016	.036
16	Wilshire Blvd -Opening Year (2	Between Crenshaw Blvd & Lorr	h	36130	56	1	0			75	70.5	67.0	62.6	69.6	72.0	59.2	54.9	61.8	64.2	59.2	54.9	61.8	64.2	57.5	53.1	60.0	62.5	.348	.016	.036
17	Wilshire Blvd -Opening Year (2	Between San Vicente Blvd & Tc	h	38760	56	1	0			75	70.8	67.3	62.9	69.9	72.3	59.5	55.2	62.1	64.5	59.5	55.2	62.1	64.5	57.8	53.4	60.3	62.8	.348	.016	.036
18	Wilshire Blvd -Opening Year (2	Between Beverly Glen Blvd & H	h	43700	56	1	0			75	71.3	67.8	63.5	70.4	72.8	60.1	55.7	62.6	65.1	60.1	55.7	62.6	65.1	58.3	53.9	60.8	63.3	.348	.016	.036
19	Wilshire Blvd -Opening Year (2	Between Glendon Ave & Westv	h	42080	56	1	0			75	71.2	67.7	63.3	70.2	72.7	59.9	55.5	62.4	64.9	59.9	55.5	62.4	64.9	58.1	53.8	60.7	63.1	.348	.016	.036
20	Wilshire Blvd -Opening Year (2	Between Barrington Ave & Stor	h	34240	56	1	0			75	70.3	66.8	62.4	69.3	71.8	59.0	54.6	61.5	64.0	59.0	54.6	61.5	64.0	57.2	52.9	59.8	62.2	.348	.016	.036
21	Wilshire Blvd -Opening Year (2	Between Saltair Ave & Bundy D	h	31020	56	1	0			75	69.8	66.4	62.0	68.9	71.3	58.6	54.2	61.1	63.6	58.6	54.2	61.1	63.6	56.8	52.5	59.4	61.8	.348	.016	.036
22																														
23	Wilshire Blvd - Opening Year (2	Between Westlake Ave & Alvar	h	24310	56	1	0			75	68.8	65.3	60.9	67.8	70.3	57.5	53.2	60.1	62.5	57.5	53.2	60.1	62.5	55.8	51.4	58.3	60.8	.348	.016	.036
24	Wilshire Blvd - Opening Year (2	Between Alvarado St & Park Vi	h	24290	56	1	0			75	68.8	65.3	60.9	67.8	70.3	57.5	53.2	60.1	62.5	57.5	53.2	60.1	62.5	55.8	51.4	58.3	60.8	.348	.016	.036
25	Wilshire Blvd -Opening Year (2	Between Shatto Pl & Vermont A	h	26850	56	1	0			75	69.2	65.7	61.3	68.3	70.7	57.9	53.6	60.5	62.9	57.9	53.6	60.5	62.9	56.2	51.8	58.7	61.2	.348	.016	.036
26	Wilshire Blvd -Opening Year (2	Between Oxford Ave & Western	h	22820	56	1	0			75	68.5	65.0	60.6	67.6	70.0	57.2	52.9	59.8	62.2	57.2	52.9	59.8	62.2	55.5	51.1	58.0	60.5	.348	.016	.036
27	Wilshire Blvd -Opening Year (2	Between Crenshaw Blvd & Lorr	h	31110	56	1	0			75	69.8	66.4	62.0	68.9	71.4	58.6	54.2	61.1	63.6	58.6	54.2	61.1	63.6	56.8	52.5	59.4	61.8	.348	.016	.036
28	Wilshire Blvd -Opening Year (2	Between San Vicente Blvd & Tc	h	36970	56	1	0			75	70.6	67.1	62.7	69.7	72.1	59.3	55.0	61.9	64.3	59.3	55.0	61.9	64.3	57.6	53.2	60.1	62.6	.348	.016	.036
29	Wilshire Blvd -Opening Year (2	Between Beverly Glen Blvd & H	h	37090	56	1	0			75	70.6	67.1	62.7	69.7	72.1	59.3	55.0	61.9	64.3	59.3	55.0	61.9	64.3	57.6	53.2	60.1	62.6	.348	.016	.036
30	Wilshire Blvd -Opening Year (2	Between Glendon Ave & Westv	h	36890	56	1	0			75	70.6	67.1	62.7	69.6	72.1	59.3	55.0	61.9	64.3	59.3	55.0	61.9	64.3	57.6	53.2	60.1	62.6	.348	.016	.036
31	Wilshire Blvd -Opening Year (2	Between Barrington Ave & Stor	h	32110	56	1	0			75	70.0	66.5	62.1	69.0	71.5	58.7	54.4	61.3	63.7	58.7	54.4	61.3	63.7	57.0	52.6	59.5	62.0	.348	.016	.036
32	Wilshire Blvd - Opening Year (2	Between Saltair Ave & Bundy D	h	29160	56	1	0			75	69.6	66.1	61.7	68.6	71.1	58.3	53.9	60.8	63.3	58.3	53.9	60.8	63.3	56.5	52.2	59.1	61.5	.348	.016	.036
33																														
34	Wilshire Blvd - Horizon Year (2)	Between Westlake Ave & Alvar	h	26110	56	1	0			75	69.1	65.6	61.2	68.1	70.6	57.8	53.5	60.4	62.8	57.8	53.5	60.4	62.8	56.1	51.7	58.6	61.1	.348	.016	.036
35	Wilshire Blvd - Horizon Year (2)	Between Alvarado St & Park Vi	h	25820	56	1	0			75	69.0	65.6	61.2	68.1	70.6	57.8	53.4	60.3	62.8	57.8	53.4	60.3	62.8	56.0	51.7	58.6	61.0	.348	.016	.036
36	Wilshire Blvd - Horizon Year (2)	Between Shatto Pl & Vermont A	h	33450	56	1	0			75	70.2	66.7	62.3	69.2	71.7	58.9	54.5	61.4	63.9	58.9	54.5	61.4	63.9	57.1	52.8	59.7	62.1	.348	.016	.036
37	Wilshire Blvd - Horizon Year (2)	Between Oxford Ave & Western	h	28720	56	1	0			75	69.5	66.0	61.6	68.6	71.0	58.2	53.9	60.8	63.2	58.2	53.9	60.8	63.2	56.5	52.1	59.0	61.5	.348	.016	.036
38	Wilshire Blvd - Horizon Year (2)	Between Crenshaw Blvd & Lorr	h	37060	56	1	0			75	70.6	67.1	62.7	69.7	72.1	59.3	55.0	61.9	64.3	59.3	55.0	61.9	64.3	57.6	53.2	60.1	62.6	.348	.016	.036
39	Wilshire Blvd - Horizon Year (2)	Between San Vicente Blvd & Tc	h	40040	56	1	0			75	70.9	67.5	63.1	70.0	72.5	59.7	55.3	62.2	64.7	59.7	55.3	62.2	64.7	57.9	53.6	60.5	62.9	.348	.016	.036
40	Wilshire Blvd - Horizon Year (2)	Between Beverly Glen Blvd & H	h	45380	56	1	0			75	71.5	68.0	63.6	70.5	73.0	60.2	55.9	62.8	65.2	60.2	55.9	62.8	65.2	58.5	54.1	61.0	63.5	.348	.016	.036
41	Wilshire Blvd - Horizon Year (2)	Between Glendon Ave & Westv	h	44080	56	1	0			75	71.4	67.9	63.5	70.4	72.9	60.1	55.7	62.6	65.1	60.1	55.7	62.6	65.1	58.3	54.0	60.9	63.3	.348	.016	.036
42	Wilshire Blvd - Horizon Year (2)	Between Barrington Ave & Stor	h	34890	56	1	0			75	70.3	66.9	62.5	69.4	71.9	59.1	54.7	61.6	64.1	59.1	54.7	61.6	64.1	57.3	53.0	59.9	62.3	.348	.016	.036
43	Wilshire Blvd - Horizon Year (2)	Between Saltair Ave & Bundy D	h	31650	56	1	0			75	69.9	66.4	62.1	69.0	71.4	58.7	54.3	61.2	63.7	58.7	54.3	61.2	63.7	56.9	52.5	59.4	61.9	.348	.016	.036
44																														
45	Wilshire Blvd - Horizon Year (2)	Between Westlake Ave & Alvar	h	25560	56	1	0			75	69.0	65.5	61.1	68.0	70.5	57.7	53.4	60.3	62.7	57.7	53.4	60.3	62.7	56.0	51.6	58.5	61.0	.348	.016	.036
46	Wilshire Blvd - Horizon Year (2)	Between Alvarado St & Park Vi	h	25360	56	1	0			75	69.0	65.5	61.1	68.0	70.5	57.7	53.3	60.2	62.7	57.7	53.3	60.2	62.7	55.9	51.6	58.5	60.9	.348	.016	.036
47	Wilshire Blvd - Horizon Year (2)	Between Shatto Pl & Vermont A	h	28900	56	1	0			75	69.5	66.0	61.7	68.6	71.0	58.3	53.9	60.8	63.3											

