

## APPENDIX H

### NOISE MODELING OUTPUTS

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TABLE Existing (2017) Conditions-01  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
ROADWAY SEGMENT: Foothill Boulevard - West of Myrtle Avenue  
NOTES: Monrovia Hotel - Existing (2017) Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 27600      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.10

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	99.5	209.4	448.8

TABLE Existing (2017) Conditions-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
ROADWAY SEGMENT: Foothill Boulevard - East of Myrtle Avenue  
NOTES: Monrovia Hotel - Existing (2017) Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 23700      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.44

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	90.5	189.5	405.5

TABLE Existing (2017) Conditions-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
ROADWAY SEGMENT: Huntington Drive - West of I-210 EB Ramps  
NOTES: Monrovia Hotel - Existing (2017) Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 27700      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.11

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	99.7	209.9	449.8

TABLE Existing (2017) Conditions-04  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Huntington Drive - I-210 EB Ramps to I-210 WB Ramps  
 NOTES: Monrovia Hotel - Existing (2017) Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 27700      SPEED (MPH): 35      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 36      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.39

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	103.2	211.4	450.2

TABLE Existing (2017) Conditions-05  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Huntington Drive - I-210 WB Ramps to Myrtle Avenue  
 NOTES: Monrovia Hotel - Existing (2017) Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 25300      SPEED (MPH): 35      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.72

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	94.2	197.8	423.5

TABLE Existing (2017) Conditions-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
ROADWAY SEGMENT: Huntington Drive - East of Myrtle Avenue  
NOTES: Monrovia Hotel - Existing (2017) Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 24900      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.65

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	93.3	195.7	419.1



TABLE Existing (2017) Conditions-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
ROADWAY SEGMENT: Central Avenue - West of Myrtle Avenue  
NOTES: Monrovia Hotel - Existing (2017) Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4300      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.53

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	60.7	130.2

TABLE Existing (2017) Conditions-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
ROADWAY SEGMENT: Central Avenue - East of Myrtle Avenue  
NOTES: Monrovia Hotel - Existing (2017) Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4200      SPEED (MPH): 35      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 12      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.85

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	60.6	128.5

TABLE Existing (2017) Conditions-09  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Evergreen Avenue - West of Myrtle Avenue  
 NOTES: Monrovia Hotel - Existing (2017) Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 3600      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.76

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	54.0	115.7

TABLE Existing (2017) Conditions-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
ROADWAY SEGMENT: Evergreen Avenue - East of Myrtle Avenue  
NOTES: Monrovia Hotel - Existing (2017) Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 14300      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.75

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	62.7	134.6	289.7

TABLE Existing (2017) Conditions-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
ROADWAY SEGMENT: Duarte Road - West of Myrtle Avenue  
NOTES: Monrovia Hotel - Existing (2017) Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 17600      SPEED (MPH): 40      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.56

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	92.2	193.2	413.6

TABLE Existing (2017) Conditions-12  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Duarte Road - East of Myrtle Avenue  
 NOTES: Monrovia Hotel - Existing (2017) Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 10700      SPEED (MPH): 40      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 12      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.33

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	65.1	138.2	296.9

TABLE Existing (2017) Conditions-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
ROADWAY SEGMENT: Myrtle Avenue - North of Foothill Boulevard  
NOTES: Monrovia Hotel - Existing (2017) Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 2700      SPEED (MPH): 30      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 56.90

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	0.0	74.7

TABLE Existing (2017) Conditions-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
ROADWAY SEGMENT: Myrtle Avenue - Foothill Boulevard to Huntington Drive  
NOTES: Monrovia Hotel - Existing (2017) Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 12900      SPEED (MPH): 30      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.69

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	98.3	211.3



TABLE Existing (2017) Conditions-15  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
ROADWAY SEGMENT: Myrtle Avenue - Huntington Drive to Central Avenue  
NOTES: Monrovia Hotel - Existing (2017) Conditions

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 21400      SPEED (MPH): 35      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 18      SITE CHARACTERISTICS: SOFT

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\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.42

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	83.5	176.6	378.9

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TABLE Existing (2017) Conditions-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
ROADWAY SEGMENT: Myrtle Avenue - Central Avenue to Duarte Road  
NOTES: Monrovia Hotel - Existing (2017) Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 20000      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.70

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	81.5	169.5	362.3

TABLE Existing (2017) Conditions-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
ROADWAY SEGMENT: Myrtle Avenue - South of Duarte Road  
NOTES: Monrovia Hotel - Existing (2017) Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 21600      SPEED (MPH): 40      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.45

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	104.8	221.0	473.9

TABLE Existing (2017) Plus Project  
 Conditions-01

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Foothill Boulevard - West of Myrtle Avenue  
 NOTES: Monrovia Hotel - Existing (2017) Plus Project Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 27700      SPEED (MPH): 35      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.11

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	99.7	209.9	449.8

TABLE Existing (2017) Plus Project  
 Conditions-02  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Foothill Boulevard - East of Myrtle Avenue  
 NOTES: Monrovia Hotel - Existing (2017) Plus Project Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 23700      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.44

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	90.5	189.5	405.5

TABLE Existing (2017) Plus Project  
 Conditions-03  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Huntington Drive - West of I-210 EB Ramps  
 NOTES: Monrovia Hotel - Existing (2017) Plus Project Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 27700      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.11

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	99.7	209.9	449.8

TABLE Existing (2017) Plus Project  
 Conditions-04  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Huntington Drive - I-210 EB Ramps to I-210 WB Ramps  
 NOTES: Monrovia Hotel - Existing (2017) Plus Project Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 27900      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 36      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.43

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	103.6	212.4	452.3

TABLE Existing (2017) Plus Project  
 Conditions-05  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Huntington Drive - I-210 WB Ramps to Myrtle Avenue  
 NOTES: Monrovia Hotel - Existing (2017) Plus Project Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 25700      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.79

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	95.2	199.8	428.0



TABLE Existing (2017) Plus Project  
 Conditions-06  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Huntington Drive - East of Myrtle Avenue  
 NOTES: Monrovia Hotel - Existing (2017) Plus Project Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 24900      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.65

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	93.3	195.7	419.1

TABLE Existing (2017) Plus Project  
 Conditions-07

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Central Avenue - West of Myrtle Avenue  
 NOTES: Monrovia Hotel - Existing (2017) Plus Project Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4300      SPEED (MPH): 35      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.53

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	60.7	130.2

TABLE Existing (2017) Plus Project  
 Conditions-08  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Central Avenue - East of Myrtle Avenue  
 NOTES: Monrovia Hotel - Existing (2017) Plus Project Conditions

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4300      SPEED (MPH): 35      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 12      SITE CHARACTERISTICS: SOFT

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\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.95

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	61.5	130.5

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TABLE Existing (2017) Plus Project  
 Conditions-09

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Evergreen Avenue - West of Myrtle Avenue  
 NOTES: Monrovia Hotel - Existing (2017) Plus Project Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 3700      SPEED (MPH): 35      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.88

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	54.9	117.8

TABLE Existing (2017) Plus Project  
 Conditions-10

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Evergreen Avenue - East of Myrtle Avenue  
 NOTES: Monrovia Hotel - Existing (2017) Plus Project Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 14400      SPEED (MPH): 35      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.78

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	63.0	135.2	291.0

TABLE Existing (2017) Plus Project  
 Conditions-11

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Duarte Road - West of Myrtle Avenue  
 NOTES: Monrovia Hotel - Existing (2017) Plus Project Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 17600      SPEED (MPH): 40      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.56

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	92.2	193.2	413.6

TABLE Existing (2017) Plus Project  
 Conditions-12

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Duarte Road - East of Myrtle Avenue  
 NOTES: Monrovia Hotel - Existing (2017) Plus Project Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 10700      SPEED (MPH): 40      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 12      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.33

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	65.1	138.2	296.9

TABLE Existing (2017) Plus Project  
 Conditions-13  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Myrtle Avenue - North of Foothill Boulevard  
 NOTES: Monrovia Hotel - Existing (2017) Plus Project Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 2700      SPEED (MPH): 30      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 56.90

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	74.7



Conditions-14

TABLE Existing (2017) Plus Project

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Myrtle Avenue - Foothill Boulevard to Huntington Drive  
 NOTES: Monrovia Hotel - Existing (2017) Plus Project Conditions

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 13000      SPEED (MPH): 30      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6      SITE CHARACTERISTICS: SOFT

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.72

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	98.8	212.4

---

TABLE Existing (2017) Plus Project  
 Conditions-15  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Myrtle Avenue - Huntington Drive to Central Avenue  
 NOTES: Monrovia Hotel - Existing (2017) Plus Project Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 21700      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 18      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.48

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	84.3	178.2	382.4

Conditions-16

TABLE Existing (2017) Plus Project

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Myrtle Avenue - Central Avenue to Duarte Road  
 NOTES: Monrovia Hotel - Existing (2017) Plus Project Conditions

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 20100      SPEED (MPH): 35      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.72

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	81.8	170.1	363.5

---

TABLE Existing (2017) Plus Project  
 Conditions-17

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Myrtle Avenue - South of Duarte Road  
 NOTES: Monrovia Hotel - Existing (2017) Plus Project Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 21600      SPEED (MPH): 40      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.45

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	104.8	221.0	473.9

TABLE Opening Year (2019) w/out  
 Project Conditions-01  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Foothill Boulevard - West of Myrtle Avenue  
 NOTES: Monrovia Hotel - Opening Year (2019) w/out Project  
 Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 27900      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.15

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	100.2	210.9	452.0

TABLE Opening Year (2019) w/out  
 Project Conditions-02  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Foothill Boulevard - East of Myrtle Avenue  
 NOTES: Monrovia Hotel - Opening Year (2019) w/out Project  
 Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 24000      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.49

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	91.2	191.0	409.0

TABLE Opening Year (2019) w/out  
 Project Conditions-03  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Huntington Drive - West of I-210 EB Ramps  
 NOTES: Monrovia Hotel - Opening Year (2019) w/out Project  
 Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 29400      SPEED (MPH): 35      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.37

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	103.6	218.3	468.0

TABLE Opening Year (2019) w/out  
 Project Conditions-04  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Huntington Drive - I-210 EB Ramps to I-210 WB Ramps  
 NOTES: Monrovia Hotel - Opening Year (2019) w/out Project Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 29800      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 36      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.71

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	107.7	221.7	472.5



TABLE Opening Year (2019) w/out  
 Project Conditions-05  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Huntington Drive - I-210 WB Ramps to Myrtle Avenue  
 NOTES: Monrovia Hotel - Opening Year (2019) w/out Project Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 28600      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.25

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	101.8	214.4	459.5

TABLE Opening Year (2019) w/out  
 Project Conditions-06  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Huntington Drive - East of Myrtle Avenue  
 NOTES: Monrovia Hotel - Opening Year (2019) w/out Project  
 Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 26900      SPEED (MPH): 35      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.99

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	97.9	205.9	441.2

TABLE Opening Year (2019) w/out  
Project Conditions-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
ROADWAY SEGMENT: Central Avenue - West of Myrtle Avenue  
NOTES: Monrovia Hotel - Opening Year (2019) w/out Project  
Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 6000      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.97

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	75.6	162.5

TABLE Opening Year (2019) w/out  
 Project Conditions-08  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Central Avenue - East of Myrtle Avenue  
 NOTES: Monrovia Hotel - Opening Year (2019) w/out Project  
 Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 5200      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 12      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.77

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	69.5	148.0

TABLE Opening Year (2019) w/out  
 Project Conditions-09  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Evergreen Avenue - West of Myrtle Avenue  
 NOTES: Monrovia Hotel - Opening Year (2019) w/out Project  
 Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 5700      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.75

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	73.1	157.0

TABLE Opening Year (2019) w/out  
 Project Conditions-10  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Evergreen Avenue - East of Myrtle Avenue  
 NOTES: Monrovia Hotel - Opening Year (2019) w/out Project  
 Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 17000      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.50

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	70.3	151.0	325.1

TABLE Opening Year (2019) w/out  
Project Conditions-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
ROADWAY SEGMENT: Duarte Road - West of Myrtle Avenue  
NOTES: Monrovia Hotel - Opening Year (2019) w/out Project  
Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 19100      SPEED (MPH): 40      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.92

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	97.0	203.8	436.6

TABLE Opening Year (2019) w/out  
 Project Conditions-12  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Duarte Road - East of Myrtle Avenue  
 NOTES: Monrovia Hotel - Opening Year (2019) w/out Project  
 Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 11300      SPEED (MPH): 40      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 12      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.56

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	67.4	143.3	307.9



TABLE Opening Year (2019) w/out  
 Project Conditions-13  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Myrtle Avenue - North of Foothill Boulevard  
 NOTES: Monrovia Hotel - Opening Year (2019) w/out Project  
 Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 2700      SPEED (MPH): 30      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 56.90

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	74.7

TABLE Opening Year (2019) w/out  
 Project Conditions-14  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Myrtle Avenue - Foothill Boulevard to Huntington Drive  
 NOTES: Monrovia Hotel - Opening Year (2019) w/out Project Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 14500      SPEED (MPH): 30      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.20

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	106.2	228.4

TABLE Opening Year (2019) w/out  
 Project Conditions-15  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Myrtle Avenue - Huntington Drive to Central Avenue  
 NOTES: Monrovia Hotel - Opening Year (2019) w/out Project Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 24100      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 18      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.94

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	90.1	191.0	410.0

TABLE Opening Year (2019) w/out  
 Project Conditions-16  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Myrtle Avenue - Central Avenue to Duarte Road  
 NOTES: Monrovia Hotel - Opening Year (2019) w/out Project  
 Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 22600      SPEED (MPH): 35      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.23

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	87.9	183.7	392.9

TABLE Opening Year (2019) w/out  
Project Conditions-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
ROADWAY SEGMENT: Myrtle Avenue - South of Duarte Road  
NOTES: Monrovia Hotel - Opening Year (2019) w/out Project  
Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 22500      SPEED (MPH): 40      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.63

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	107.5	227.0	486.9

TABLE Opening Year (2019) with  
 Project Conditions-01  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Foothill Boulevard - West of Myrtle Avenue  
 NOTES: Monrovia Hotel - Opening Year (2019) with Project  
 Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 28000      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.16

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	100.4	211.4	453.1

TABLE Opening Year (2019) with  
Project Conditions-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
ROADWAY SEGMENT: Foothill Boulevard - East of Myrtle Avenue  
NOTES: Monrovia Hotel - Opening Year (2019) with Project  
Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 24000      SPEED (MPH): 35      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.49

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	91.2	191.0	409.0

TABLE Opening Year (2019) with  
 Project Conditions-03  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Huntington Drive - West of I-210 EB Ramps  
 NOTES: Monrovia Hotel - Opening Year (2019) with Project  
 Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 29500      SPEED (MPH): 35      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.39

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	103.8	218.8	469.1



TABLE Opening Year (2019) with  
 Project Conditions-04  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Huntington Drive - I-210 EB Ramps to I-210 WB Ramps  
 NOTES: Monrovia Hotel - Opening Year (2019) with Project Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 30100      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 36      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.75

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	108.4	223.1	475.6

TABLE Opening Year (2019) with  
 Project Conditions-05  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Huntington Drive - I-210 WB Ramps to Myrtle Avenue  
 NOTES: Monrovia Hotel - Opening Year (2019) with Project Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 29000      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.31

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	102.7	216.3	463.8

TABLE Opening Year (2019) with  
Project Conditions-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
ROADWAY SEGMENT: Huntington Drive - East of Myrtle Avenue  
NOTES: Monrovia Hotel - Opening Year (2019) with Project  
Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 27000      SPEED (MPH): 35      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.00

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	98.2	206.4	442.2

TABLE Opening Year (2019) with  
 Project Conditions-07  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Central Avenue - West of Myrtle Avenue  
 NOTES: Monrovia Hotel - Opening Year (2019) with Project  
 Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 6000      SPEED (MPH): 35      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.97

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	75.6	162.5

TABLE Opening Year (2019) with  
 Project Conditions-08  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Central Avenue - East of Myrtle Avenue  
 NOTES: Monrovia Hotel - Opening Year (2019) with Project  
 Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 5300      SPEED (MPH): 35      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 12      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.86

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	70.4	149.8

TABLE Opening Year (2019) with  
Project Conditions-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
ROADWAY SEGMENT: Evergreen Avenue - West of Myrtle Avenue  
NOTES: Monrovia Hotel - Opening Year (2019) with Project  
Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 5800      SPEED (MPH): 35      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.83

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	73.9	158.8

TABLE Opening Year (2019) with  
Project Conditions-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
ROADWAY SEGMENT: Evergreen Avenue - East of Myrtle Avenue  
NOTES: Monrovia Hotel - Opening Year (2019) with Project  
Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 17100      SPEED (MPH): 35      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.52

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	70.6	151.6	326.3

TABLE Opening Year (2019) with  
Project Conditions-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
ROADWAY SEGMENT: Duarte Road - West of Myrtle Avenue  
NOTES: Monrovia Hotel - Opening Year (2019) with Project  
Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 19100      SPEED (MPH): 40      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.92

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	97.0	203.8	436.6



TABLE Opening Year (2019) with  
Project Conditions-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
ROADWAY SEGMENT: Duarte Road - East of Myrtle Avenue  
NOTES: Monrovia Hotel - Opening Year (2019) with Project  
Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 11300      SPEED (MPH): 40      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 12      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.56

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	67.4	143.3	307.9

TABLE Opening Year (2019) with  
 Project Conditions-13  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Myrtle Avenue - North of Foothill Boulevard  
 NOTES: Monrovia Hotel - Opening Year (2019) with Project  
 Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 2700      SPEED (MPH): 30      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 56.90

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	0.0	74.7

TABLE Opening Year (2019) with  
 Project Conditions-14  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Myrtle Avenue - Foothill Boulevard to Huntington Drive  
 NOTES: Monrovia Hotel - Opening Year (2019) with Project Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 14500      SPEED (MPH): 30      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 6      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.20

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	106.2	228.4

TABLE Opening Year (2019) with  
 Project Conditions-15  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Myrtle Avenue - Huntington Drive to Central Avenue  
 NOTES: Monrovia Hotel - Opening Year (2019) with Project Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 24400      SPEED (MPH): 35      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 18      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.99

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	90.8	192.6	413.4

TABLE Opening Year (2019) with  
 Project Conditions-16  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Myrtle Avenue - Central Avenue to Duarte Road  
 NOTES: Monrovia Hotel - Opening Year (2019) with Project  
 Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 22700      SPEED (MPH): 35      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.25

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	88.1	184.2	394.1

TABLE Opening Year (2019) with  
 Project Conditions-17  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 10/10/2017  
 ROADWAY SEGMENT: Myrtle Avenue - South of Duarte Road  
 NOTES: Monrovia Hotel - Opening Year (2019) with Project  
 Conditions

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 22500      SPEED (MPH): 40      GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.63

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	107.5	227.0	486.9

