

**APPENDIX A**

**FHWA TRAFFIC NOISE MODEL PRINTOUTS**

**NEWPORT BEACH CITY HALL AND PARK DEVELOPMENT PLAN**

**FHWA ROADWAY NOISE LEVEL ANALYSIS  
CONTOUR6 MODEL PRINTOUTS  
EXISTING BASELINE CONDITIONS**

TABLE Existing-01  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: Coast Highway from Newport Blvd to Riverside Ave  
NOTES: Newport Beach City Hall - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 54500      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.95

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
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205.6	647.9	2047.8	6475.0

TABLE Existing-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: Coast Highway from Riverside Ave to Tustin Ave  
NOTES: Newport Beach City Hall - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 47500      SPEED (MPH): 50      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): 30      SITE CHARACTERISTICS: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.81

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
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180.7	564.3	1782.0	5633.9

TABLE Existing-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: Coast Highway from Tustin Ave to Dover Dr  
NOTES: Newport Beach City Hall - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 44500      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.78

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
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168.8	528.9	1670.7	5282.4

TABLE Existing-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: Coast Highway from Dover Dr to Bayside  
NOTES: Newport Beach City Hall - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 55500      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.26

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
211.1	658.9	2080.5	6577.7

TABLE Existing-05  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: Coast Highway from Bayside to Jamboree Rd  
NOTES: Newport Beach City Hall - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 45000      SPEED (MPH): 50      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): 48      SITE CHARACTERISTICS: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.95

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
175.2	534.8	1684.9	5325.7

TABLE Existing-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: Coast Highway from Jamboree Rd to Newport Center Dr  
NOTES: Newport Beach City Hall - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 35700      SPEED (MPH): 50      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): 30      SITE CHARACTERISTICS: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.57

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
137.3	424.6	1339.5	4234.4



TABLE Existing-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: Coast Highway from Newport Center Dr to Avocado Ave  
NOTES: Newport Beach City Hall - Existing

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 35700      SPEED (MPH): 50      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): 30      SITE CHARACTERISTICS: HARD

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\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.57

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
137.3	424.6	1339.5	4234.4

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TABLE Existing-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: Jamboree Rd from Bison Ave to Eastbluff/Ford  
NOTES: Newport Beach City Hall - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 39300      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.76

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
151.7	467.2	1473.5	4657.8

TABLE Existing-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Jamboree Rd from Eastbluff/Ford to San Joaquin Hills Rd

NOTES: Newport Beach City Hall - Existing

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 47100      SPEED (MPH): 50      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: HARD

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\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.54

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
180.2	559.5	1765.7	5582.2

TABLE Existing-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: Macarthur Blvd from SR-73 NB On-Ramp to Bison Ave  
NOTES: Newport Beach City Hall - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 66700      SPEED (MPH): 50      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): 48      SITE CHARACTERISTICS: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.66

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
254.2	790.9	2496.8	7893.6

TABLE Existing-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: Macarthur Blvd from Bison Ave to Ford/Bonita Canyon  
NOTES: Newport Beach City Hall - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 66700      SPEED (MPH): 50      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): 48      SITE CHARACTERISTICS: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.66

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
254.2	790.9	2496.8	7893.6

TABLE Existing-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Macarthur Blvd from Ford/Bonita Canyon to San Joaquin Hills Rd

NOTES: Newport Beach City Hall - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 61000      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.67

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
231.5	724.0	2286.6	7229.4

TABLE Existing-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Macarthur Blvd from San Joaquin Hills Rd to San Miguel Dr

NOTES: Newport Beach City Hall - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 40000      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.83

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
154.2	475.5	1499.7	4740.8

TABLE Existing-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: Macarthur Blvd from San Miguel Dr to Coast Highway  
NOTES: Newport Beach City Hall - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 33100      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.01

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
129.2	394.0	1241.2	3923.1



TABLE Existing-15  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: Avocado Ave. from Coast Highway to San Miguel Dr.  
NOTES: Newport Beach City Hall - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 11500      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.04

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	106.4	332.1	1048.6

TABLE Existing-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: Avocado Ave. from San Miguel Dr. to San Joaquin Hills Rd.  
NOTES: Newport Beach City Hall - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 5000      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.42

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	145.3	456.3

TABLE Existing-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Joaquin Hills Rd from Jamboree Rd to Santa Cruz

NOTES: Newport Beach City Hall - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 18400      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.31

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
64.0	171.2	530.4	1673.7

TABLE Existing-18  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: San Joaquin Hills Rd from Santa Rosa to Avocado Ave  
NOTES: Newport Beach City Hall - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 18400      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.31

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
64.0	171.2	530.4	1673.7

TABLE Existing-19  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Joaquin Hills Rd from San Miguel Dr to Marguerite Ave

NOTES: Newport Beach City Hall - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 18900      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.43

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
65.2	175.6	544.8	1719.1

TABLE Existing-20  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: San Joaquin Hills Rd from Marguerite Ave to Spy Glass Hill  
NOTES: Newport Beach City Hall - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 14000      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.76

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
57.8	167.9	526.1	1662.1

TABLE Existing-21  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: San Miguel Dr. west of Avocado Ave.  
NOTES: Newport Beach City Hall - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 10000      SPEED (MPH): 45      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: HARD

\* \* 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	92.9	288.9	911.9

TABLE Existing-22  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: San Miguel Dr. from Avocado Ave. to Macarthur Blvd.  
NOTES: Newport Beach City Hall - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 19000      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.22

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
57.7	174.2	548.1	1732.2



TABLE Existing-23  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Miguel Dr from Macarthur Blvd to San Joaquin Hills Rd

NOTES: Newport Beach City Hall - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 13000      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.29

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	120.8	375.3	1184.4

TABLE Existing-24  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: San Miguel Dr from North of San Joaquin Hills Rd  
NOTES: Newport Beach City Hall - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 13000      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.29

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	120.8	375.3	1184.4

**NEWPORT BEACH CITY HALL AND PARK DEVELOPMENT PLAN**

**FHWA ROADWAY NOISE LEVEL ANALYSIS  
CONTOUR6 MODEL PRINTOUTS  
EXISTING WITH PROJECT CONDITIONS**

TABLE Existing with Project-01  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Coast Highway from Newport Blvd to Riverside Ave

NOTES: Newport Beach City Hall - Existing with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 55200      SPEED (MPH): 50      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 75.00

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
208.2	656.2	2074.1	6558.1

TABLE Existing with Project-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Coast Highway from Riverside Ave to Tustin Ave

NOTES: Newport Beach City Hall - Existing with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 48200      SPEED (MPH): 50      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): 30      SITE CHARACTERISTICS: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.87

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
183.3	572.6	1808.2	5716.9

TABLE Existing with Project-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: Coast Highway from Tustin Ave to Dover Dr  
NOTES: Newport Beach City Hall - Existing with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 45200      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.85

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
171.4	537.2	1697.0	5365.5

TABLE Existing with Project-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: Coast Highway from Dover Dr to Bayside  
NOTES: Newport Beach City Hall - Existing with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 56400      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.33

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
214.5	669.5	2114.2	6684.3

TABLE Existing with Project-05  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: Coast Highway from Bayside to Jamboree Rd  
NOTES: Newport Beach City Hall - Existing with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 45900      SPEED (MPH): 50      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): 48      SITE CHARACTERISTICS: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.04

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
178.4	545.4	1718.6	5432.2



TABLE Existing with Project-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Coast Highway from Jamboree Rd to Newport Center Dr

NOTES: Newport Beach City Hall - Existing with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 36600      SPEED (MPH): 50      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): 30      SITE CHARACTERISTICS: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.68

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
140.5	435.2	1373.2	4341.1

TABLE Existing with Project-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Coast Highway from Newport Center Dr to Avocado Ave

NOTES: Newport Beach City Hall - Existing with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 36400      SPEED (MPH): 50      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): 30      SITE CHARACTERISTICS: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.65

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
139.8	432.8	1365.7	4317.4

TABLE Existing with Project-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Jamboree Rd from Bison Ave to Eastbluff/Ford

NOTES: Newport Beach City Hall - Existing with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 40000      SPEED (MPH): 50      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.83

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
154.2	475.5	1499.7	4740.8

TABLE Existing with Project-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Jamboree Rd from Eastbluff/Ford to San Joaquin Hills Rd

NOTES: Newport Beach City Hall - Existing with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 47800      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.61

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
182.8	567.7	1792.0	5665.1

TABLE Existing with Project-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Macarthur Blvd from SR-73 NB On-Ramp to Bison Ave

NOTES: Newport Beach City Hall - Existing with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 67400      SPEED (MPH): 50      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): 48      SITE CHARACTERISTICS: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.70

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
256.8	799.2	2523.0	7976.5

TABLE Existing with Project-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Macarthur Blvd from Bison Ave to Ford/Bonita Canyon

NOTES: Newport Beach City Hall - Existing with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 67400      SPEED (MPH): 50      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): 48      SITE CHARACTERISTICS: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.70

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
256.8	799.2	2523.0	7976.5

TABLE Existing with Project-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Macarthur Blvd from Ford/Bonita Canyon to San Joaquin Hills Rd

NOTES: Newport Beach City Hall - Existing with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 61900      SPEED (MPH): 50      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.73

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
234.8	734.6	2320.3	7336.1

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TABLE Existing with Project-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Macarthur Blvd from San Joaquin Hills Rd to San Miguel Dr

NOTES: Newport Beach City Hall - Existing with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 41100      SPEED (MPH): 50      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.95

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
158.2	488.5	1540.9	4871.1



TABLE Existing with Project-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Macarthur Blvd from San Miguel Dr to Coast Highway

NOTES: Newport Beach City Hall - Existing with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 33100      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.01

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
129.2	394.0	1241.2	3923.1

TABLE Existing with Project-15  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Avocado Ave. from Coast Highway to San Miguel Dr.

NOTES: Newport Beach City Hall - Existing with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 13000      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.57

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	119.9	375.3	1185.4

TABLE Existing with Project-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Avocado Ave. from San Miguel Dr. to San Joaquin Hills Rd.

NOTES: Newport Beach City Hall - Existing with Project

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 5200      SPEED (MPH): 45      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.59

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	151.0	474.5

TABLE Existing with Project-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Joaquin Hills Rd from Jamboree Rd to Santa Cruz

NOTES: Newport Beach City Hall - Existing with Project

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 19100      SPEED (MPH): 45      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.47

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
65.7	177.4	550.5	1737.3

TABLE Existing with Project-18  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: San Joaquin Hills Rd from Santa Rosa to Avocado Ave  
NOTES: Newport Beach City Hall - Existing with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 19100      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.47

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
65.7	177.4	550.5	1737.3

TABLE Existing with Project-19  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Joaquin Hills Rd from San Miguel Dr to Marguerite Ave

NOTES: Newport Beach City Hall - Existing with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 19100      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.47

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
65.7	177.4	550.5	1737.3

TABLE Existing with Project-20  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Joaquin Hills Rd from Marguerite Ave to Spy Glass Hill

NOTES: Newport Beach City Hall - Existing with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 14200      SPEED (MPH): 50      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.82

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
58.5	170.3	533.6	1685.8

TABLE Existing with Project-21  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: San Miguel Dr. west of Avocado Ave.  
NOTES: Newport Beach City Hall - Existing with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 10600      SPEED (MPH): 45      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.69

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	98.3	306.2	966.6

---



TABLE Existing with Project-22  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Miguel Dr. from Avocado Ave. to Macarthur Blvd.

NOTES: Newport Beach City Hall - Existing with Project

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 20200      SPEED (MPH): 45      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.49

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
61.0	185.1	582.7	1841.6

TABLE Existing with Project-23  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Miguel Dr from Macarthur Blvd to San Joaquin Hills Rd

NOTES: Newport Beach City Hall - Existing with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 13200      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.35

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	122.6	381.0	1202.7

TABLE Existing with Project-24  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Miguel Dr from North of San Joaquin Hills Rd

NOTES: Newport Beach City Hall - Existing with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 13100      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.32

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	121.7	378.2	1193.6

**NEWPORT BEACH CITY HALL AND PARK DEVELOPMENT PLAN**

**FHWA ROADWAY NOISE LEVEL ANALYSIS  
CONTOUR6 MODEL PRINTOUTS  
OPENING YEAR (2013) WITHOUT PROJECT CONDITIONS**

TABLE 2013 Cumulative w/o Project-01  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: Coast Highway from Newport Blvd to Riverside Ave  
NOTES: Newport Beach City Hall - 2013 Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 60700      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 75.42

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
228.8	721.5	2280.8	7211.5

TABLE 2013 Cumulative w/o Project-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Coast Highway from Riverside Ave to Tustin Ave

NOTES: Newport Beach City Hall - 2013 Cumulative w/o Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 54000      SPEED (MPH): 50      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): 30      SITE CHARACTERISTICS: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.37

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
204.8	641.3	2025.8	6404.8

TABLE 2013 Cumulative w/o Project-03  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
 ROADWAY SEGMENT: Coast Highway from Tustin Ave to Dover Dr  
 NOTES: Newport Beach City Hall - 2013 Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 51100      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.38

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
193.4	607.2	1918.5	6065.8

TABLE 2013 Cumulative w/o Project-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: Coast Highway from Dover Dr to Bayside  
NOTES: Newport Beach City Hall - 2013 Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 62700      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.79

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
237.8	744.1	2350.3	7430.9



TABLE 2013 Cumulative w/o Project-05  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Coast Highway from Bayside to Jamboree Rd

NOTES: Newport Beach City Hall - 2013 Cumulative w/o Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 52700      SPEED (MPH): 50      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): 48      SITE CHARACTERISTICS: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.64

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
203.0	625.6	1973.0	6236.9

TABLE 2013 Cumulative w/o Project-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Coast Highway from Jamboree Rd to Newport Center Dr

NOTES: Newport Beach City Hall - 2013 Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 42400      SPEED (MPH): 50      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): 30      SITE CHARACTERISTICS: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.32

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
161.9	503.9	1590.7	5029.0

TABLE 2013 Cumulative w/o Project-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Coast Highway from Newport Center Dr to Avocado Ave

NOTES: Newport Beach City Hall - 2013 Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 41800      SPEED (MPH): 50      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): 30      SITE CHARACTERISTICS: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.25

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
159.7	496.8	1568.2	4957.9

TABLE 2013 Cumulative w/o Project-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Jamboree Rd from Bison Ave to Eastbluff/Ford

NOTES: Newport Beach City Hall - 2013 Cumulative w/o Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 45000      SPEED (MPH): 50      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.35

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
172.5	534.6	1687.0	5333.3

TABLE 2013 Cumulative w/o Project-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Jamboree Rd from Eastbluff/Ford to San Joaquin Hills Rd

NOTES: Newport Beach City Hall - 2013 Cumulative w/o Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 53200      SPEED (MPH): 50      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.07

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
202.7	631.6	1994.3	6305.1

TABLE 2013 Cumulative w/o Project-10  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
 ROADWAY SEGMENT: Macarthur Blvd from SR-73 NB On-Ramp to Bison Ave  
 NOTES: Newport Beach City Hall - 2013 Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 70700      SPEED (MPH): 50      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): 48      SITE CHARACTERISTICS: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.91

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
269.0	838.2	2646.5	8367.0

TABLE 2013 Cumulative w/o Project-11  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
 ROADWAY SEGMENT: Macarthur Blvd from Bison Ave to Ford/Bonita Canyon  
 NOTES: Newport Beach City Hall - 2013 Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 70700      SPEED (MPH): 50      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): 48      SITE CHARACTERISTICS: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.91

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
269.0	838.2	2646.5	8367.0

TABLE 2013 Cumulative w/o Project-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Macarthur Blvd from Ford/Bonita Canyon to San Joaquin Hills Rd

NOTES: Newport Beach City Hall - 2013 Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 64900      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.94

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
245.9	770.1	2432.8	7691.6



TABLE 2013 Cumulative w/o Project-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Macarthur Blvd from San Joaquin Hills Rd to San Miguel Dr

NOTES: Newport Beach City Hall - 2013 Cumulative w/o Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 42500      SPEED (MPH): 50      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.10

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
163.3	505.1	1593.4	5037.0

TABLE 2013 Cumulative w/o Project-14  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Macarthur Blvd from San Miguel Dr to Coast Highway

NOTES: Newport Beach City Hall - 2013 Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 36000      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.38

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
139.7	428.2	1349.8	4266.7

TABLE 2013 Cumulative w/o Project-15  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
 ROADWAY SEGMENT: Avocado Ave. from Coast Highway to San Miguel Dr.  
 NOTES: Newport Beach City Hall - 2013 Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 12100      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.26

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	111.8	349.4	1103.3

TABLE 2013 Cumulative w/o Project-16  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Avocado Ave. from San Miguel Dr. to San Joaquin Hills Rd.

NOTES: Newport Beach City Hall - 2013 Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 5600      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.92

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	54.1	162.5	510.9

TABLE 2013 Cumulative w/o Project-17  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
 ROADWAY SEGMENT: San Joaquin Hills Rd from Jamboree Rd to Santa Cruz  
 NOTES: Newport Beach City Hall - 2013 Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 19400      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.54

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
66.4	180.1	559.1	1764.6

TABLE 2013 Cumulative w/o Project-18  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Joaquin Hills Rd from Santa Rosa to Avocado Ave

NOTES: Newport Beach City Hall - 2013 Cumulative w/o Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 19100      SPEED (MPH): 45      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.47

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
65.7	177.4	550.5	1737.3

TABLE 2013 Cumulative w/o Project-19  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Joaquin Hills Rd from San Miguel Dr to Marguerite Ave

NOTES: Newport Beach City Hall - 2013 Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 19200      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.50

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
65.9	178.3	553.4	1746.4

TABLE 2013 Cumulative w/o Project-20  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Joaquin Hills Rd from Marguerite Ave to Spy Glass Hill

NOTES: Newport Beach City Hall - 2013 Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 14300      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.85

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
58.8	171.5	537.4	1697.7



TABLE 2013 Cumulative w/o Project-21  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: San Miguel Dr. west of Avocado Ave.  
NOTES: Newport Beach City Hall - 2013 Cumulative w/o Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 10800      SPEED (MPH): 45      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.77

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	100.1	311.9	984.8

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TABLE 2013 Cumulative w/o Project-22  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Miguel Dr. from Avocado Ave. to Macarthur Blvd.

NOTES: Newport Beach City Hall - 2013 Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 19900      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.42

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
60.1	182.3	574.0	1814.2

TABLE 2013 Cumulative w/o Project-23  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Miguel Dr from Macarthur Blvd to San Joaquin Hills Rd

NOTES: Newport Beach City Hall - 2013 Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 13300      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.38

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	123.5	383.9	1211.8

TABLE 2013 Cumulative w/o Project-24  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Miguel Dr from North of San Joaquin Hills Rd

NOTES: Newport Beach City Hall - 2013 Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 13200      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.35

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	122.6	381.0	1202.7

**NEWPORT BEACH CITY HALL AND PARK DEVELOPMENT PLAN**

**FHWA ROADWAY NOISE LEVEL ANALYSIS  
CONTOUR6 MODEL PRINTOUTS  
OPENING YEAR (2013) WITH PROJECT CONDITIONS**

TABLE 2013 Cumulative with Project-01  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Coast Highway from Newport Blvd to Riverside Ave

NOTES: Newport Beach City Hall - 2013 Cumulative with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 61300      SPEED (MPH): 50      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: HARD

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\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 75.46

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
231.1	728.6	2303.3	7282.8

TABLE 2013 Cumulative with Project-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: Coast Highway from Riverside Ave to Tustin Ave  
NOTES: Newport Beach City Hall - 2013 Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 54600      SPEED (MPH): 50      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): 30      SITE CHARACTERISTICS: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.41

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
207.0	648.4	2048.3	6476.0

TABLE 2013 Cumulative with Project-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Coast Highway from Tustin Ave to Dover Dr

NOTES: Newport Beach City Hall - 2013 Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 51700      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.43

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
195.6	614.3	1941.0	6137.0



TABLE 2013 Cumulative with Project-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Coast Highway from Dover Dr to Bayside

NOTES: Newport Beach City Hall - 2013 Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 63500      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.84

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
240.7	753.6	2380.3	7525.7

TABLE 2013 Cumulative with Project-05  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Coast Highway from Bayside to Jamboree Rd

NOTES: Newport Beach City Hall - 2013 Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 53500      SPEED (MPH): 50      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): 48      SITE CHARACTERISTICS: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.70

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
205.9	635.1	2002.9	6331.6

TABLE 2013 Cumulative with Project-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Coast Highway from Jamboree Rd to Newport Center Dr

NOTES: Newport Beach City Hall - 2013 Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 43300      SPEED (MPH): 50      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): 30      SITE CHARACTERISTICS: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.41

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
165.2	514.5	1624.5	5135.8

TABLE 2013 Cumulative with Project-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Coast Highway from Newport Center Dr to Avocado Ave

NOTES: Newport Beach City Hall - 2013 Cumulative with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 42500      SPEED (MPH): 50      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): 30      SITE CHARACTERISTICS: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.33

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
162.2	505.1	1594.5	5040.9

TABLE 2013 Cumulative with Project-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Jamboree Rd from Bison Ave to Eastbluff/Ford

NOTES: Newport Beach City Hall - 2013 Cumulative with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 45600      SPEED (MPH): 50      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.40

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
174.7	541.7	1709.5	5404.4

TABLE 2013 Cumulative with Project-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Jamboree Rd from Eastbluff/Ford to San Joaquin Hills Rd

NOTES: Newport Beach City Hall - 2013 Cumulative with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 53900      SPEED (MPH): 50      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.13

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
205.2	639.9	2020.5	6388.0

TABLE 2013 Cumulative with Project-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Macarthur Blvd from SR-73 NB On-Ramp to Bison Ave

NOTES: Newport Beach City Hall - 2013 Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 71400      SPEED (MPH): 50      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): 48      SITE CHARACTERISTICS: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.95

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
271.5	846.5	2672.7	8449.8

TABLE 2013 Cumulative with Project-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: Macarthur Blvd from Bison Ave to Ford/Bonita Canyon  
NOTES: Newport Beach City Hall - 2013 Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 71500      SPEED (MPH): 50      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): 48      SITE CHARACTERISTICS: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.96

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
271.9	847.7	2676.4	8461.7



TABLE 2013 Cumulative with Project-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Macarthur Blvd from Ford/Bonita Canyon to San Joaquin Hills Rd

NOTES: Newport Beach City Hall - 2013 Cumulative with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 65800      SPEED (MPH): 50      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 75.00

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
249.3	780.8	2466.5	7798.3

---

TABLE 2013 Cumulative with Project-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Macarthur Blvd from San Joaquin Hills Rd to San Miguel Dr

NOTES: Newport Beach City Hall - 2013 Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 43500      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.20

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
167.0	516.9	1630.8	5155.5

TABLE 2013 Cumulative with Project-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Macarthur Blvd from San Miguel Dr to Coast Highway

NOTES: Newport Beach City Hall - 2013 Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 36000      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.38

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
139.7	428.2	1349.8	4266.7

TABLE 2013 Cumulative with Project-15  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: Avocado Ave. from Coast Highway to San Miguel Dr.  
NOTES: Newport Beach City Hall - 2013 Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 13500      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.74

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	124.4	389.7	1230.9

TABLE 2013 Cumulative with Project-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Avocado Ave. from San Miguel Dr. to San Joaquin Hills Rd.

NOTES: Newport Beach City Hall - 2013 Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 5700      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.99

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	55.0	165.3	520.0

TABLE 2013 Cumulative with Project-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: San Joaquin Hills Rd from Jamboree Rd to Santa Cruz  
NOTES: Newport Beach City Hall - 2013 Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 20100      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.70

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
68.1	186.3	579.2	1828.2

TABLE 2013 Cumulative with Project-18  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Joaquin Hills Rd from Santa Rosa to Avocado Ave

NOTES: Newport Beach City Hall - 2013 Cumulative with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 19800      SPEED (MPH): 45      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.63

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
67.4	183.7	570.6	1800.9

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TABLE 2013 Cumulative with Project-19  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Joaquin Hills Rd from San Miguel Dr to Marguerite Ave

NOTES: Newport Beach City Hall - 2013 Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 19300      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.52

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
66.2	179.2	556.2	1755.5



TABLE 2013 Cumulative with Project-20  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Joaquin Hills Rd from Marguerite Ave to Spy Glass Hill

NOTES: Newport Beach City Hall - 2013 Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 14500      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.91

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
59.5	173.8	544.9	1721.4

TABLE 2013 Cumulative with Project-21  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: San Miguel Dr. west of Avocado Ave.  
NOTES: Newport Beach City Hall - 2013 Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 11400      SPEED (MPH): 45      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: HARD

\* \* 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	105.5	329.2	1039.5

TABLE 2013 Cumulative with Project-22  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Miguel Dr. from Avocado Ave. to Macarthur Blvd.

NOTES: Newport Beach City Hall - 2013 Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 21000      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.66

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
63.2	192.3	605.7	1914.5

TABLE 2013 Cumulative with Project-23  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Miguel Dr from Macarthur Blvd to San Joaquin Hills Rd

NOTES: Newport Beach City Hall - 2013 Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 13400      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.42

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	124.4	386.8	1220.9

TABLE 2013 Cumulative with Project-24  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Miguel Dr from North of San Joaquin Hills Rd

NOTES: Newport Beach City Hall - 2013 Cumulative with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 13300      SPEED (MPH): 45      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.38

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	123.5	383.9	1211.8

**NEWPORT BEACH CITY HALL AND PARK DEVELOPMENT PLAN**

**FHWA ROADWAY NOISE LEVEL ANALYSIS  
CONTOUR6 MODEL PRINTOUTS  
GENERAL PLAN BUILDOUT WITHOUT PROJECT CONDITIONS**

TABLE GP Buildout w/o Project-01  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Coast Highway from Newport Blvd to Riverside Ave

NOTES: Newport Beach City Hall - GP Buildout w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 65000      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 75.71

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
244.9	772.6	2442.3	7722.4

TABLE GP Buildout w/o Project-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Coast Highway from Riverside Ave to Tustin Ave

NOTES: Newport Beach City Hall - GP Buildout w/o Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 55000      SPEED (MPH): 50      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): 30      SITE CHARACTERISTICS: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.45

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
208.5	653.1	2063.3	6523.4



TABLE GP Buildout w/o Project-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: Coast Highway from Tustin Ave to Dover Dr  
NOTES: Newport Beach City Hall - GP Buildout w/o Project

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 47000      SPEED (MPH): 50      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.02

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
178.1	558.5	1764.6	5579.1

---

TABLE GP Buildout w/o Project-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: Coast Highway from Dover Dr to Bayside  
NOTES: Newport Beach City Hall - GP Buildout w/o Project

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 74000      SPEED (MPH): 50      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 75.51

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
279.7	877.9	2773.8	8770.1

---

TABLE GP Buildout w/o Project-05  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
 ROADWAY SEGMENT: Coast Highway from Bayside to Jamboree Rd  
 NOTES: Newport Beach City Hall - GP Buildout w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 62000      SPEED (MPH): 50      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): 48      SITE CHARACTERISTICS: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.34

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
237.0	735.4	2321.0	7337.5

TABLE GP Buildout w/o Project-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Coast Highway from Jamboree Rd to Newport Center Dr

NOTES: Newport Beach City Hall - GP Buildout w/o Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 50000      SPEED (MPH): 50      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): 30      SITE CHARACTERISTICS: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.03

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
190.0	593.9	1875.7	5930.4

TABLE GP Buildout w/o Project-07  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
 ROADWAY SEGMENT: Coast Highway from Newport Center Dr to Avocado Ave  
 NOTES: Newport Beach City Hall - GP Buildout w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 42000      SPEED (MPH): 50      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): 30      SITE CHARACTERISTICS: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.27

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
160.4	499.1	1575.7	4981.6

TABLE GP Buildout w/o Project-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Jamboree Rd from Bison Ave to Eastbluff/Ford

NOTES: Newport Beach City Hall - GP Buildout w/o Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 46000      SPEED (MPH): 50      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.44

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
176.2	546.5	1724.5	5451.8

TABLE GP Buildout w/o Project-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Jamboree Rd from Eastbluff/Ford to San Joaquin Hills Rd

NOTES: Newport Beach City Hall - GP Buildout w/o Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 55000      SPEED (MPH): 50      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.22

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
209.3	652.9	2061.8	6518.4

TABLE GP Buildout w/o Project-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Macarthur Blvd from SR-73 NB On-Ramp to Bison Ave

NOTES: Newport Beach City Hall - GP Buildout w/o Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 70000      SPEED (MPH): 50      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): 48      SITE CHARACTERISTICS: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.87

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
266.4	829.9	2620.3	8284.1



TABLE GP Buildout w/o Project-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Macarthur Blvd from Bison Ave to Ford/Bonita Canyon

NOTES: Newport Beach City Hall - GP Buildout w/o Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 70000      SPEED (MPH): 50      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): 48      SITE CHARACTERISTICS: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.87

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
266.4	829.9	2620.3	8284.1

TABLE GP Buildout w/o Project-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Macarthur Blvd from Ford/Bonita Canyon to San Joaquin Hills Rd

NOTES: Newport Beach City Hall - GP Buildout w/o Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 61000      SPEED (MPH): 50      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.67

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
231.5	724.0	2286.6	7229.4

---

TABLE GP Buildout w/o Project-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Macarthur Blvd from San Joaquin Hills Rd to San Miguel Dr

NOTES: Newport Beach City Hall - GP Buildout w/o Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 37000      SPEED (MPH): 50      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.50

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
143.3	440.1	1387.3	4385.2

TABLE GP Buildout w/o Project-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Macarthur Blvd from San Miguel Dr to Coast Highway

NOTES: Newport Beach City Hall - GP Buildout w/o Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 35000      SPEED (MPH): 50      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.25

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
136.1	416.4	1312.3	4148.2

TABLE GP Buildout w/o Project-15  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Avocado Ave. from Coast Highway to San Miguel Dr.

NOTES: Newport Beach City Hall - GP Buildout w/o Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 11000      SPEED (MPH): 45      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.85

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	101.9	317.7	1003.1

TABLE GP Buildout w/o Project-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Avocado Ave. from San Miguel Dr. to San Joaquin Hills Rd.

NOTES: Newport Beach City Hall - GP Buildout w/o Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 5500      SPEED (MPH): 45      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.84

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	53.3	159.6	501.8

TABLE GP Buildout w/o Project-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Joaquin Hills Rd from Jamboree Rd to Santa Cruz

NOTES: Newport Beach City Hall - GP Buildout w/o Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 18000      SPEED (MPH): 45      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.22

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
63.1	167.6	518.9	1637.3

TABLE GP Buildout w/o Project-18  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
 ROADWAY SEGMENT: San Joaquin Hills Rd from Santa Rosa to Avocado Ave  
 NOTES: Newport Beach City Hall - GP Buildout w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 22000      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.09

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
72.8	203.3	633.7	2001.0



TABLE GP Buildout w/o Project-19  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Joaquin Hills Rd from San Miguel Dr to Marguerite Ave

NOTES: Newport Beach City Hall - GP Buildout w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 25000      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.64

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
80.4	230.2	719.9	2273.7

TABLE GP Buildout w/o Project-20  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Joaquin Hills Rd from Marguerite Ave to Spy Glass Hill

NOTES: Newport Beach City Hall - GP Buildout w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 19000      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.08

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
75.3	226.9	713.7	2255.6

TABLE GP Buildout w/o Project-21  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: San Miguel Dr. west of Avocado Ave.  
NOTES: Newport Beach City Hall - GP Buildout w/o Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 11000      SPEED (MPH): 45      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.85

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	101.9	317.7	1003.1

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TABLE GP Buildout w/o Project-22  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Miguel Dr. from Avocado Ave. to Macarthur Blvd.

NOTES: Newport Beach City Hall - GP Buildout w/o Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 20000      SPEED (MPH): 45      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.44

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
60.4	183.2	576.9	1823.3

TABLE GP Buildout w/o Project-23  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Miguel Dr from Macarthur Blvd to San Joaquin Hills Rd

NOTES: Newport Beach City Hall - GP Buildout w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 16000      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.19

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	147.7	461.6	1457.7

TABLE GP Buildout w/o Project-24  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
 ROADWAY SEGMENT: San Miguel Dr from North of San Joaquin Hills Rd  
 NOTES: Newport Beach City Hall - GP Buildout w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 14000      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.61

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	129.8	404.0	1275.5

**NEWPORT BEACH CITY HALL AND PARK DEVELOPMENT PLAN**

**FHWA ROADWAY NOISE LEVEL ANALYSIS  
CONTOUR6 MODEL PRINTOUTS  
GENERAL PLAN BUILDOUT WITH PROJECT CONDITIONS**

TABLE GP Buildout with Project-01  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Coast Highway from Newport Blvd to Riverside Ave

NOTES: Newport Beach City Hall - GP Buildout with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 65700      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 75.76

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
247.6	780.9	2468.6	7805.5



TABLE GP Buildout with Project-02  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
 ROADWAY SEGMENT: Coast Highway from Riverside Ave to Tustin Ave  
 NOTES: Newport Beach City Hall - GP Buildout with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 55700      SPEED (MPH): 50      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): 30      SITE CHARACTERISTICS: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.50

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
211.1	661.4	2089.5	6606.4

TABLE GP Buildout with Project-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: Coast Highway from Tustin Ave to Dover Dr  
NOTES: Newport Beach City Hall - GP Buildout with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 47700      SPEED (MPH): 50      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.08

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
180.7	566.8	1790.9	5662.2

---

TABLE GP Buildout with Project-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: Coast Highway from Dover Dr to Bayside  
NOTES: Newport Beach City Hall - GP Buildout with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 74900      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 75.56

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
283.1	888.5	2807.5	8876.7

TABLE GP Buildout with Project-05  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
 ROADWAY SEGMENT: Coast Highway from Bayside to Jamboree Rd  
 NOTES: Newport Beach City Hall - GP Buildout with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 62900      SPEED (MPH): 50      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): 48      SITE CHARACTERISTICS: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.40

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
240.3	746.1	2354.6	7444.0

TABLE GP Buildout with Project-06  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Coast Highway from Jamboree Rd to Newport Center Dr

NOTES: Newport Beach City Hall - GP Buildout with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 51000      SPEED (MPH): 50      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): 30      SITE CHARACTERISTICS: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.12

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
193.7	605.7	1913.2	6049.0

TABLE GP Buildout with Project-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Coast Highway from Newport Center Dr to Avocado Ave

NOTES: Newport Beach City Hall - GP Buildout with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 42700      SPEED (MPH): 50      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): 30      SITE CHARACTERISTICS: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.35

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
163.0	507.4	1602.0	5064.6

TABLE GP Buildout with Project-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Jamboree Rd from Bison Ave to Eastbluff/Ford

NOTES: Newport Beach City Hall - GP Buildout with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 46700      SPEED (MPH): 50      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.51

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
178.7	554.7	1750.7	5534.8

TABLE GP Buildout with Project-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Jamboree Rd from Eastbluff/Ford to San Joaquin Hills Rd

NOTES: Newport Beach City Hall - GP Buildout with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 55700      SPEED (MPH): 50      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.27

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
211.9	661.2	2088.0	6601.3



TABLE GP Buildout with Project-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Macarthur Blvd from SR-73 NB On-Ramp to Bison Ave

NOTES: Newport Beach City Hall - GP Buildout with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 70800      SPEED (MPH): 50      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): 48      SITE CHARACTERISTICS: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.92

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
269.3	839.4	2650.2	8378.8

TABLE GP Buildout with Project-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Macarthur Blvd from Bison Ave to Ford/Bonita Canyon

NOTES: Newport Beach City Hall - GP Buildout with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 70800      SPEED (MPH): 50      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): 48      SITE CHARACTERISTICS: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.92

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
269.3	839.4	2650.2	8378.8

TABLE GP Buildout with Project-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Macarthur Blvd from Ford/Bonita Canyon to San Joaquin Hills Rd

NOTES: Newport Beach City Hall - GP Buildout with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 62000      SPEED (MPH): 50      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.74

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
235.2	735.8	2324.1	7348.0

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TABLE GP Buildout with Project-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Macarthur Blvd from San Joaquin Hills Rd to San Miguel Dr

NOTES: Newport Beach City Hall - GP Buildout with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 38100      SPEED (MPH): 50      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.62

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
147.3	453.1	1428.5	4515.6

TABLE GP Buildout with Project-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Macarthur Blvd from San Miguel Dr to Coast Highway

NOTES: Newport Beach City Hall - GP Buildout with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 35100      SPEED (MPH): 50      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.27

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
136.4	417.6	1316.1	4160.1

TABLE GP Buildout with Project-15  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Avocado Ave. from Coast Highway to San Miguel Dr.

NOTES: Newport Beach City Hall - GP Buildout with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 12500      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.40

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	115.4	360.9	1139.8

TABLE GP Buildout with Project-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: Avocado Ave. from San Miguel Dr. to San Joaquin Hills Rd.

NOTES: Newport Beach City Hall - GP Buildout with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 5700      SPEED (MPH): 45      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.99

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	55.0	165.3	520.0

TABLE GP Buildout with Project-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: San Joaquin Hills Rd from Jamboree Rd to Santa Cruz  
NOTES: Newport Beach City Hall - GP Buildout with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 18700      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.38

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
64.7	173.9	539.0	1700.9



TABLE GP Buildout with Project-18  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Joaquin Hills Rd from Santa Rosa to Avocado Ave

NOTES: Newport Beach City Hall - GP Buildout with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 22700      SPEED (MPH): 45      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.22

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
74.6	209.6	653.8	2064.6

TABLE GP Buildout with Project-19  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Joaquin Hills Rd from San Miguel Dr to Marguerite Ave

NOTES: Newport Beach City Hall - GP Buildout with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 25200      SPEED (MPH): 45      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.68

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
80.9	232.0	725.6	2291.9

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TABLE GP Buildout with Project-20  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Joaquin Hills Rd from Marguerite Ave to Spy Glass Hill

NOTES: Newport Beach City Hall - GP Buildout with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 19200      SPEED (MPH): 50      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.13

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
76.0	229.2	721.2	2279.3

TABLE GP Buildout with Project-21  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009  
ROADWAY SEGMENT: San Miguel Dr. west of Avocado Ave.  
NOTES: Newport Beach City Hall - GP Buildout with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 11600      SPEED (MPH): 45      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.08

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	107.3	335.0	1057.7

---

TABLE GP Buildout with Project-22  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Miguel Dr. from Avocado Ave. to Macarthur Blvd.

NOTES: Newport Beach City Hall - GP Buildout with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 21200      SPEED (MPH): 45      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.70

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
63.7	194.1	611.5	1932.7

TABLE GP Buildout with Project-23  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Miguel Dr from Macarthur Blvd to San Joaquin Hills Rd

NOTES: Newport Beach City Hall - GP Buildout with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 16200      SPEED (MPH): 45      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: HARD

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.24

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	149.5	467.3	1475.9

TABLE GP Buildout with Project-24  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 07/27/2009

ROADWAY SEGMENT: San Miguel Dr from North of San Joaquin Hills Rd

NOTES: Newport Beach City Hall - GP Buildout with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 14100      SPEED (MPH): 45      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: HARD

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.64

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	130.7	406.9	1284.6