

APPENDIX J

NOISE IMPACT ASSESSMENT

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Noise Measurement Survey – 24 HR

Project Number: DPC2001

Test Personnel: Corey Knips

Project Name: Dana Point Harbor Hotel

Equipment: LD Spark 706RC (SN:18906)

Site Number: LT-1 Date: 7/14/2020

Time: From 11:00 a.m. To 11:00 a.m.

Site Location: 24800 Dana Point Harbor Drive, near the west corner of the parking lot, on a palm tree.

Primary Noise Sources: Traffic on Dana Point Harbor Drive and light parking lot activity.

Comments:

Photo:



Noise Measurement Survey – 24 HR

Project Number: DPC2001
Project Name: Dana Point Harbor Hotel

Test Personnel: Corey Knips
Equipment: LD Spark 706RC (SN:18907)

Site Number: LT-2 Date: 7/14/2020

Time: From 11:00 a.m. To 11:00 a.m.

Site Location: Dana Point Marina, 34555 Casitas Place, on the south side of the parking lot in a tree.

Primary Noise Sources: Traffic on Dana Point Harbor Drive and light parking lot activity.

Comments:

Photo:



Noise Measurement Survey – 24 HR

Project Number: DPC2001
Project Name: Dana Point Harbor Hotel

Test Personnel: Corey Knips
Equipment: LD Spark 706RC (SN:18908)

Site Number: LT-3 Date: 7/14/2020

Time: From 12:00 p.m. To 12:00 p.m.

Site Location: Near the south end of Casitas Place, on a lightpole on the east side of the street.

Primary Noise Sources: Traffic on Dana Point Harbor Drive and light traffic on Casitas Place.

Comments: _____

Photo:



TABLE Existing Weekday-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Dana Point Harbor Drive - West of Island Way
NOTES: Dana Point Harbor Hotel - Existing Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8000 SPEED (MPH): 25 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): 32 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.76

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	62.3	119.6

TABLE Existing Weekday-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Island Way to Casitas Place

NOTES: Dana Point Harbor Hotel - Existing Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8000 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.11

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	67.2	120.7	247.3

TABLE Existing Weekday-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Casitas Place to Golden Lantern

NOTES: Dana Point Harbor Hotel - Existing Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8000 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.11

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	67.2	120.7	247.3

TABLE Existing Weekday-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Golden Lantern to Puerto Place

NOTES: Dana Point Harbor Hotel - Existing Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 16000 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.12

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	93.4	184.4	389.1

TABLE Existing Weekday-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Puerto Place to PCH

NOTES: Dana Point Harbor Hotel - Existing Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 16000 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.12

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	93.4	184.4	389.1

TABLE Existing Weekday-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Del Obispo Street - PCH to Stonehill Drive
NOTES: Dana Point Harbor Hotel - Existing Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15000 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.84

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	90.2	177.1	372.9

TABLE Existing Weekday-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Del Obispo Street - North of Stonehill Drive
NOTES: Dana Point Harbor Hotel - Existing Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 19000 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.87

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	102.5	205.7	435.8

TABLE Existing Weekday-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Golden Lantern - North of PCH
NOTES: Dana Point Harbor Hotel - Existing Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15000 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.05

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	81.4	147.0	302.0

TABLE Existing Weekday-09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Golden Lantern - PCH to Del Prado Avenue
NOTES: Dana Point Harbor Hotel - Existing Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15000 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.05

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	81.4	147.0	302.0

TABLE Existing Weekday-10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Golden Lantern - Del Prado Avenue to Dana Point Harbor Drive

NOTES: Dana Point Harbor Hotel - Existing Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 9000 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.83

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	110.3	217.7

TABLE Existing Weekday-11
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Pacific Coast Highway - West of Golden Lantern
NOTES: Dana Point Harbor Hotel - Existing Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 25000 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.27

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	103.1	200.7	421.6

TABLE Existing Weekday-12
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Pacific Coast Highway - Golden Lantern to Del Obispo Street

NOTES: Dana Point Harbor Hotel - Existing Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 37000 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.97

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
73.9	127.4	257.2	545.8

TABLE Existing Weekday-13
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Pacific Coast Highway - Del Obispo Street to I-5
NOTES: Dana Point Harbor Hotel - Existing Weekday

* * ASSUMPTIONS * *

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

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.30

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	92.4	174.8	364.2

TABLE Existing Weekday-14
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Stonehill Drive - West of Del Obispo Street
NOTES: Dana Point Harbor Hotel - Existing Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 26000 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.86

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
73.2	125.5	253.0	536.6

TABLE Existing Weekday-15
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Stonehill Drive - Del Obispo Street to Camino Capistrano

NOTES: Dana Point Harbor Hotel - Existing Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 33000 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.89

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
80.2	143.9	295.0	628.3

TABLE Existing Weekday-16
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Del Prado Avenue - West of Golden Lantern
NOTES: Dana Point Harbor Hotel - Existing Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5000 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 27 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.48

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	71.9	146.0

TABLE Existing Weekday-17
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Del Prado Avenue - East of Golden Lantern
NOTES: Dana Point Harbor Hotel - Existing Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5000 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 27 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.48

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	71.9	146.0

TABLE Existing Plus Project Weekday-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - West of Island Way

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8020 SPEED (MPH): 25 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): 32 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.77

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	62.4	119.7

TABLE Existing Plus Project Weekday-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Island Way to Casitas Place

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8990 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.62

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	70.6	129.3	266.7

TABLE Existing Plus Project Weekday-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Casitas Place to Golden Lantern

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8860 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.55

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	70.2	128.2	264.2

TABLE Existing Plus Project Weekday-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Golden Lantern to Puerto Place

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 16520 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.26

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	95.0	188.2	397.4

TABLE Existing Plus Project Weekday-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Puerto Place to PCH

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 16480 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.25

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	94.8	187.9	396.8

TABLE Existing Plus Project Weekday-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Del Obispo Street - PCH to Stonehill Drive

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15070 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.86

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	90.4	177.6	374.1

TABLE Existing Plus Project Weekday-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Del Obispo Street - North of Stonehill Drive

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 19040 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.88

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	102.6	206.0	436.4

TABLE Existing Plus Project Weekday-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Golden Lantern - North of PCH

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15040 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.06

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	81.4	147.2	302.5

TABLE Existing Plus Project Weekday-09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Golden Lantern - PCH to Del Prado Avenue
NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15200 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.11

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	81.8	148.2	304.6

TABLE Existing Plus Project Weekday-10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Golden Lantern - Del Prado Avenue to Dana Point Harbor Drive

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 9330 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.99

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	112.5	222.7

TABLE Existing Plus Project Weekday-11
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Pacific Coast Highway - West of Golden Lantern

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 25120 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.29

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	103.4	201.3	422.9

TABLE Existing Plus Project Weekday-12
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Pacific Coast Highway - Golden Lantern to Del Obispo Street

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 37040 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.98

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
73.9	127.4	257.4	546.2

TABLE Existing Plus Project Weekday-13
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Pacific Coast Highway - Del Obispo Street to I-5

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 20400 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.39

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	93.3	176.9	368.9

TABLE Existing Plus Project Weekday-14
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Stonehill Drive - West of Del Obispo Street
NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 26000 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.86

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
73.2	125.5	253.0	536.6

TABLE Existing Plus Project Weekday-15
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Stonehill Drive - Del Obispo Street to Camino Capistrano

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 33030 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.90

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
80.2	144.0	295.2	628.6

TABLE Existing Plus Project Weekday-16
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Del Prado Avenue - West of Golden Lantern
NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5120 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 27 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.59

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	72.9	148.2

TABLE Existing Plus Project Weekday-17
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Del Prado Avenue - East of Golden Lantern

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5000 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 27 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.48

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	71.9	146.0

TABLE Existing Weekend-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Dana Point Harbor Drive - West of Island Way
NOTES: Dana Point Harbor Hotel - Existing Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14000 SPEED (MPH): 25 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): 32 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.19

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	84.0	170.3

TABLE Existing Weekend-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Island Way to Casitas Place

NOTES: Dana Point Harbor Hotel - Existing Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14000 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.54

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	87.1	169.6	356.4

TABLE Existing Weekend-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Casitas Place to Golden Lantern

NOTES: Dana Point Harbor Hotel - Existing Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14000 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.54

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	87.1	169.6	356.4

TABLE Existing Weekend-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Golden Lantern to Puerto Place

NOTES: Dana Point Harbor Hotel - Existing Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 21000 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.30

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	108.4	219.3	465.6

TABLE Existing Weekend-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Puerto Place to PCH

NOTES: Dana Point Harbor Hotel - Existing Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 23000 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.70

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	114.2	232.6	494.5

TABLE Existing Weekend-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Del Obispo Street - PCH to Stonehill Drive
NOTES: Dana Point Harbor Hotel - Existing Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15000 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.84

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	90.2	177.1	372.9

TABLE Existing Weekend-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Del Obispo Street - North of Stonehill Drive
NOTES: Dana Point Harbor Hotel - Existing Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 16000 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.12

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	93.4	184.4	389.1

TABLE Existing Weekend-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Golden Lantern - North of PCH
NOTES: Dana Point Harbor Hotel - Existing Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 22000 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.71

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	96.8	185.3	387.6

TABLE Existing Weekend-09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Golden Lantern - PCH to Del Prado Avenue
NOTES: Dana Point Harbor Hotel - Existing Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 25000 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.27

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	103.1	200.7	421.6

TABLE Existing Weekend-10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Golden Lantern - Del Prado Avenue to Dana Point Harbor Drive

NOTES: Dana Point Harbor Hotel - Existing Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14000 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.75

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	79.1	141.2	288.8

TABLE Existing Weekend-11
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Pacific Coast Highway - West of Golden Lantern
NOTES: Dana Point Harbor Hotel - Existing Weekend

* * ASSUMPTIONS * *

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

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.09

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	101.0	195.6	410.4

TABLE Existing Weekend-12
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Pacific Coast Highway - Golden Lantern to Del Obispo Street

NOTES: Dana Point Harbor Hotel - Existing Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 34000 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.60

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
71.7	121.5	243.7	516.2

TABLE Existing Weekend-13
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Pacific Coast Highway - Del Obispo Street to I-5
NOTES: Dana Point Harbor Hotel - Existing Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 18000 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * 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	88.0	163.9	340.0

TABLE Existing Weekend-14
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Stonehill Drive - West of Del Obispo Street
NOTES: Dana Point Harbor Hotel - Existing Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 22000 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.13

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	114.5	227.5	480.6

TABLE Existing Weekend-15
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Stonehill Drive - Del Obispo Street to Camino Capistrano

NOTES: Dana Point Harbor Hotel - Existing Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 26000 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.86

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
73.2	125.5	253.0	536.6

TABLE Existing Weekend-16
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Del Prado Avenue - West of Golden Lantern
NOTES: Dana Point Harbor Hotel - Existing Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5000 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 27 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.48

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	71.9	146.0

TABLE Existing Weekend-17
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Del Prado Avenue - East of Golden Lantern
NOTES: Dana Point Harbor Hotel - Existing Weekend

* * ASSUMPTIONS * *

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

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

ACTIVE HALF-WIDTH (FT): 27 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.28

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	79.9	164.2

TABLE Existing Plus Project Weekend-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - West of Island Way

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14020 SPEED (MPH): 25 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): 32 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.19

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	84.1	170.5

TABLE Existing Plus Project Weekend-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Island Way to Casitas Place

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15240 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.91

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	91.0	178.9	376.8

TABLE Existing Plus Project Weekend-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Casitas Place to Golden Lantern

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15110 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.87

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	90.6	177.9	374.7

TABLE Existing Plus Project Weekend-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Golden Lantern to Puerto Place

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 21660 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	110.3	223.7	475.2

TABLE Existing Plus Project Weekend-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Puerto Place to PCH

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 23610 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.81

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
65.4	115.9	236.5	503.0

TABLE Existing Plus Project Weekend-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Del Obispo Street - PCH to Stonehill Drive
NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15080 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.86

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	90.5	177.7	374.2

TABLE Existing Plus Project Weekend-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Del Obispo Street - North of Stonehill Drive

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 16050 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.14

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	93.5	184.8	389.9

TABLE Existing Plus Project Weekend-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Golden Lantern - North of PCH
NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 22050 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.72

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	96.9	185.6	388.2

TABLE Existing Plus Project Weekend-09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Golden Lantern - PCH to Del Prado Avenue
NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 25270 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.32

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	103.7	202.0	424.6

TABLE Existing Plus Project Weekend-10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Golden Lantern - Del Prado Avenue to Dana Point Harbor Drive

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14440 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.88

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	80.1	143.8	294.6

TABLE Existing Plus Project Weekend-11
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Pacific Coast Highway - West of Golden Lantern

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 24150 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.12

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	101.3	196.4	412.1

TABLE Existing Plus Project Weekend-12
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Pacific Coast Highway - Golden Lantern to Del Obispo Street

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 34070 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.61

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
71.8	121.6	244.0	516.9

TABLE Existing Plus Project Weekend-13
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Pacific Coast Highway - Del Obispo Street to I-5

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 18530 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.97

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	89.2	166.8	346.5

TABLE Existing Plus Project Weekend-14
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Stonehill Drive - West of Del Obispo Street

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 22000 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.13

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	114.5	227.5	480.6

TABLE Existing Plus Project Weekend-15
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Stonehill Drive - Del Obispo Street to Camino Capistrano

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 26030 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.86

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
73.2	125.6	253.2	537.0

TABLE Existing Plus Project Weekend-16
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Del Prado Avenue - West of Golden Lantern
NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5150 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 27 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.61

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	73.1	148.8

TABLE Existing Plus Project Weekend-17
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Del Prado Avenue - East of Golden Lantern

NOTES: Dana Point Harbor Hotel - Existing Plus Project Weekend

* * ASSUMPTIONS * *

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

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

ACTIVE HALF-WIDTH (FT): 27 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.28

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	79.9	164.2

TABLE Year 2025 No Project Weekday-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - West of Island Way

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8100 SPEED (MPH): 25 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): 32 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.81

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	62.7	120.5

TABLE Year 2025 No Project Weekday-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Island Way to Casitas Place

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8310 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.28

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	68.3	123.4	253.5

TABLE Year 2025 No Project Weekday-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Casitas Place to Golden
Lantern

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8550 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.40

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	69.1	125.5	258.2

TABLE Year 2025 No Project Weekday-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Golden Lantern to Puerto Place

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 19240 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.92

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	103.2	207.4	439.4

TABLE Year 2025 No Project Weekday-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Puerto Place to PCH

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 21070 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.32

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	108.6	219.8	466.6

TABLE Year 2025 No Project Weekday-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Del Obispo Street - PCH to Stonehill Drive

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 17160 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.43

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	96.9	192.8	407.5

TABLE Year 2025 No Project Weekday-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Del Obispo Street - North of Stonehill Drive
NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 21650 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	110.3	223.7	475.1

TABLE Year 2025 No Project Weekday-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Golden Lantern - North of PCH
NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 16720 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.52

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	85.2	156.8	324.0

TABLE Year 2025 No Project Weekday-09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Golden Lantern - PCH to Del Prado Avenue

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15450 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.18

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	82.4	149.6	307.8

TABLE Year 2025 No Project Weekday-10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Golden Lantern - Del Prado Avenue to Dana Point Harbor Drive

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 9610 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.12

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	114.3	226.9

TABLE Year 2025 No Project Weekday-11
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Pacific Coast Highway - West of Golden Lantern

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 28440 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.83

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	110.3	217.6	458.9

TABLE Year 2025 No Project Weekday-12
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Pacific Coast Highway - Golden Lantern to Del Obispo Street

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 39730 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.28

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
75.8	132.6	269.3	572.1

TABLE Year 2025 No Project Weekday-13
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Pacific Coast Highway - Del Obispo Street to I-5

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 27560 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.69

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	108.5	213.3	449.5

TABLE Year 2025 No Project Weekday-14
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Stonehill Drive - West of Del Obispo Street

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 26950 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.01

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
74.1	128.1	258.9	549.5

TABLE Year 2025 No Project Weekday-15
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Stonehill Drive - Del Obispo Street to Camino Capistrano

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 36360 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.32

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
83.5	152.4	314.2	670.0

TABLE Year 2025 No Project Weekday-16
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Del Prado Avenue - West of Golden Lantern

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5240 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 27 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.69

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	73.8	150.5

TABLE Year 2025 No Project Weekday-17
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Del Prado Avenue - East of Golden Lantern

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5120 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 27 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.59

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	72.9	148.2

TABLE Year 2025 With Project Weekday-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - West of Island Way

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8120 SPEED (MPH): 25 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): 32 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.82

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	62.8	120.7

TABLE Year 2025 With Project Weekday-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Island Way to Casitas Place

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 9300 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.77

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	71.7	131.9	272.7

TABLE Year 2025 With Project Weekday-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Casitas Place to Golden Lantern

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 9410 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.82

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	72.0	132.9	274.8

TABLE Year 2025 With Project Weekday-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Golden Lantern to Puerto Place

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 19760 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.04

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	104.8	210.9	447.3

TABLE Year 2025 With Project Weekday-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Puerto Place to PCH

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 21550 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.41

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	110.0	223.0	473.7

TABLE Year 2025 With Project Weekday-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Del Obispo Street - PCH to Stonehill Drive

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 17220 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.44

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	97.1	193.2	408.4

TABLE Year 2025 With Project Weekday-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Del Obispo Street - North of Stonehill Drive

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 21690 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	110.4	223.9	475.7

TABLE Year 2025 With Project Weekday-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Golden Lantern - North of PCH

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 16760 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.53

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	85.3	157.0	324.5

TABLE Year 2025 With Project Weekday-09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Golden Lantern - PCH to Del Prado Avenue

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15650 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.23

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	82.8	150.7	310.4

TABLE Year 2025 With Project Weekday-10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Golden Lantern - Del Prado Avenue to Dana Point Harbor Drive

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 9940 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.26

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	116.4	231.8

TABLE Year 2025 With Project Weekday-11
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Pacific Coast Highway - West of Golden Lantern

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 28560 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.85

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	110.5	218.2	460.2

TABLE Year 2025 With Project Weekday-12
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Pacific Coast Highway - Golden Lantern to Del Obispo Street

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 39770 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.28

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
75.9	132.7	269.4	572.5

TABLE Year 2025 With Project Weekday-13
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Pacific Coast Highway - Del Obispo Street to I-5

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 27970 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.76

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	109.3	215.3	453.9

TABLE Year 2025 With Project Weekday-14
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Stonehill Drive - West of Del Obispo Street

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 26950 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.01

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
74.1	128.1	258.9	549.5

TABLE Year 2025 With Project Weekday-15
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Stonehill Drive - Del Obispo Street to Camino Capistrano

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 36390 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.32

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
83.5	152.5	314.3	670.3

TABLE Year 2025 With Project Weekday-16
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Del Prado Avenue - West of Golden Lantern

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5360 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 27 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.79

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	74.8	152.7

TABLE Year 2025 With Project Weekday-17
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Del Prado Avenue - East of Golden Lantern

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekday

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5120 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 27 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.59

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	72.9	148.2

TABLE Year 2025 No Project Weekend-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - West of Island Way

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14200 SPEED (MPH): 25 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): 32 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.25

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	84.7	171.9

TABLE Year 2025 No Project Weekend-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Island Way to Casitas Place

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14420 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.67

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	88.4	172.7	363.4

TABLE Year 2025 No Project Weekend-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Casitas Place to Golden
Lantern

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14280 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.63

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	88.0	171.7	361.0

TABLE Year 2025 No Project Weekend-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Golden Lantern to Puerto Place

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 24000 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.88

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
65.8	117.0	239.0	508.5

TABLE Year 2025 No Project Weekend-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Puerto Place to PCH

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 27710 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.51

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
69.8	127.3	262.3	559.3

TABLE Year 2025 No Project Weekend-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Del Obispo Street - PCH to Stonehill Drive
NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 17170 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.43

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	97.0	192.9	407.6

TABLE Year 2025 No Project Weekend-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Del Obispo Street - North of Stonehill Drive
NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 18750 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.81

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	101.7	204.0	432.0

TABLE Year 2025 No Project Weekend-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Golden Lantern - North of PCH
NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 23900 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.07

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	100.8	195.1	409.3

TABLE Year 2025 No Project Weekend-09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Golden Lantern - PCH to Del Prado Avenue
NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 25510 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.36

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	104.2	203.2	427.2

TABLE Year 2025 No Project Weekend-10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Golden Lantern - Del Prado Avenue to Dana Point Harbor Drive

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14650 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.95

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	80.6	145.0	297.4

TABLE Year 2025 No Project Weekend-11
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Pacific Coast Highway - West of Golden Lantern

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 27610 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	108.6	213.6	450.0

TABLE Year 2025 No Project Weekend-12
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Pacific Coast Highway - Golden Lantern to Del Obispo Street

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 36930 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.96

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
73.8	127.2	256.9	545.1

TABLE Year 2025 No Project Weekend-13
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Pacific Coast Highway - Del Obispo Street to I-5

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 25190 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.30

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	103.5	201.6	423.7

TABLE Year 2025 No Project Weekend-14
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Stonehill Drive - West of Del Obispo Street
NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 24010 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.51

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
71.2	120.1	240.5	509.1

TABLE Year 2025 No Project Weekend-15
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Stonehill Drive - Del Obispo Street to Camino Capistrano

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 33280 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.93

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
80.4	144.7	296.6	631.8

TABLE Year 2025 No Project Weekend-16
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Del Prado Avenue - West of Golden Lantern
NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5210 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 27 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.66

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	73.6	149.9

TABLE Year 2025 No Project Weekend-17
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Del Prado Avenue - East of Golden Lantern

NOTES: Dana Point Harbor Hotel - Year 2025 No Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6160 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 27 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.39

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	81.2	167.1

TABLE Year 2025 With Project Weekend-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - West of Island Way

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14220 SPEED (MPH): 25 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): 32 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.25

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	84.7	172.0

TABLE Year 2025 With Project Weekend-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Island Way to Casitas Place

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15660 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.03

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	92.3	181.9	383.6

TABLE Year 2025 With Project Weekend-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Casitas Place to Golden
Lantern

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15390 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.95

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	91.5	180.0	379.3

TABLE Year 2025 With Project Weekend-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Golden Lantern to Puerto Place

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 24660 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
66.6	118.9	243.2	517.7

TABLE Year 2025 With Project Weekend-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Dana Point Harbor Drive - Puerto Place to PCH

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 28320 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.60

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
70.5	129.0	266.1	567.5

TABLE Year 2025 With Project Weekend-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Del Obispo Street - PCH to Stonehill Drive

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 17260 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.45

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	97.2	193.5	409.0

TABLE Year 2025 With Project Weekend-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Del Obispo Street - North of Stonehill Drive

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 18810 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 42 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.82

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	101.9	204.4	432.9

TABLE Year 2025 With Project Weekend-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Golden Lantern - North of PCH

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 23950 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.08

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	100.9	195.4	409.9

TABLE Year 2025 With Project Weekend-09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Golden Lantern - PCH to Del Prado Avenue

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 25780 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.40

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	104.8	204.6	430.2

TABLE Year 2025 With Project Weekend-10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Golden Lantern - Del Prado Avenue to Dana Point Harbor Drive

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15090 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.08

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	81.6	147.5	303.1

TABLE Year 2025 With Project Weekend-11
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Pacific Coast Highway - West of Golden Lantern

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 27760 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	108.9	214.3	451.6

TABLE Year 2025 With Project Weekend-12
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Pacific Coast Highway - Golden Lantern to Del Obispo Street

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 37000 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.97

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
73.9	127.4	257.2	545.8

TABLE Year 2025 With Project Weekend-13
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Pacific Coast Highway - Del Obispo Street to I-5

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 25720 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.39

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	104.7	204.3	429.5

TABLE Year 2025 With Project Weekend-14
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Stonehill Drive - West of Del Obispo Street

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 24010 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.51

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
71.2	120.1	240.5	509.1

TABLE Year 2025 With Project Weekend-15
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Stonehill Drive - Del Obispo Street to Camino Capistrano

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 33310 SPEED (MPH): 40 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 50 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.93

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
80.5	144.7	296.8	632.2

TABLE Year 2025 With Project Weekend-16
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020

ROADWAY SEGMENT: Del Prado Avenue - West of Golden Lantern

NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5360 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 27 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.79

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	74.8	152.7

TABLE Year 2025 With Project Weekend-17
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/20/2020
ROADWAY SEGMENT: Del Prado Avenue - East of Golden Lantern
NOTES: Dana Point Harbor Hotel - Year 2025 With Project Weekend

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6160 SPEED (MPH): 35 GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 27 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.39

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	81.2	167.1

Construction Noise Calculations

Demolition

RCNM Construction Equipment	Reference (dBA) 50 ft Lmax	Quantity	Usage Factor ¹	Distance to Receptor (ft)	Ground Effect	Shielding (dBA)	Calculated (dBA)	
							Lmax	Leq
Water Truck	84	1	40	50	0	0	84.0	80.0
Front-End Loaders	80	1	40	50	0	0	80.0	76.0
Excavator	85	1	40	50	0	0	85.0	81.0
Dozers	85	1	40	50	0	0	85.0	81.0
							90.0	86.0

Grading

RCNM Construction Equipment	Reference (dBA) 50 ft Lmax	Quantity	Usage Factor ¹	Distance to Receptor (ft)	Ground Effect	Shielding (dBA)	Calculated (dBA)	
							Lmax	Leq
Excavator	85	1	40	50	0	0	85.0	81.0
Grader	85	1	40	50	0	0	85.0	81.0
Dozers	85	1	40	50	0	0	85.0	81.0
Scraper	85	1	40	50	0	0	85.0	81.0
Water Truck	84	1	40	50	0	0	84.0	80.0
Front-End Loaders	80	1	40	50	0	0	80.0	76.0
Compactor	80	1	20	50	0	0	80.0	73.0
							92.0	88.0

Soil Stabilization

RCNM Construction Equipment	Reference (dBA) 50 ft Lmax	Quantity	Usage Factor ¹	Distance to Receptor (ft)	Ground Effect	Shielding (dBA)	Calculated (dBA)	
							Lmax	Leq
Drill Rig	84	1	20	50	0	0	84.0	77.0
Pumps	77	1	50	50	0	0	77.0	74.0
Generator	82	1	50	50	0	0	82.0	79.0
Compressor	80	1	40	50	0	0	80.0	76.0
							87.0	83.0

Building Construction

RCNM Construction Equipment	Reference (dBA) 50 ft Lmax	Quantity	Usage Factor ¹	Distance to Receptor (ft)	Ground Effect	Shielding (dBA)	Calculated (dBA)	
							Lmax	Leq
Cranes	85	1	16	50	0	0	85.0	77.0
Forklift	85	1	20	50	0	0	85.0	78.0
Excavator	85	1	40	50	0	0	85.0	81.0
Pumps	77	1	50	50	0	0	77.0	74.0
Water Truck	84	1	40	50	0	0	84.0	80.0
Front-End Loaders	80	1	40	50	0	0	80.0	76.0
Paver	85	1	50	50	0	0	85.0	82.0
							92.0	88.0

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