

## **APPENDIX NOI**

### **NOISE AND VIBRATION**

- NOI.1 – NOISE LIMIT REGIONS
  - NOI.2 – NOISE MONITORING LOCATIONS
  - NOI.3 – CONSTRUCTION NOISE CALCULATIONS
  - NOI.4 – FHWA NOISE MODEL PRINTOUTS
-

## **APPENDIX NOI.1**

### **NOISE LIMIT REGIONS**

Figure N-5

# Noise Limit Regions

## Legend

### NoiseRegions

■ Noise Limit Regions

	Day	Night
Region 1	70	65
Region 2	60	55
Region 3	50	45
Region 4	55	50

Region 4: Remainder of City

▨ 500 Ft. Noise Transition Area

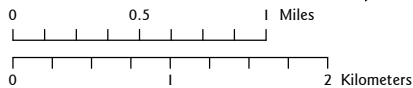
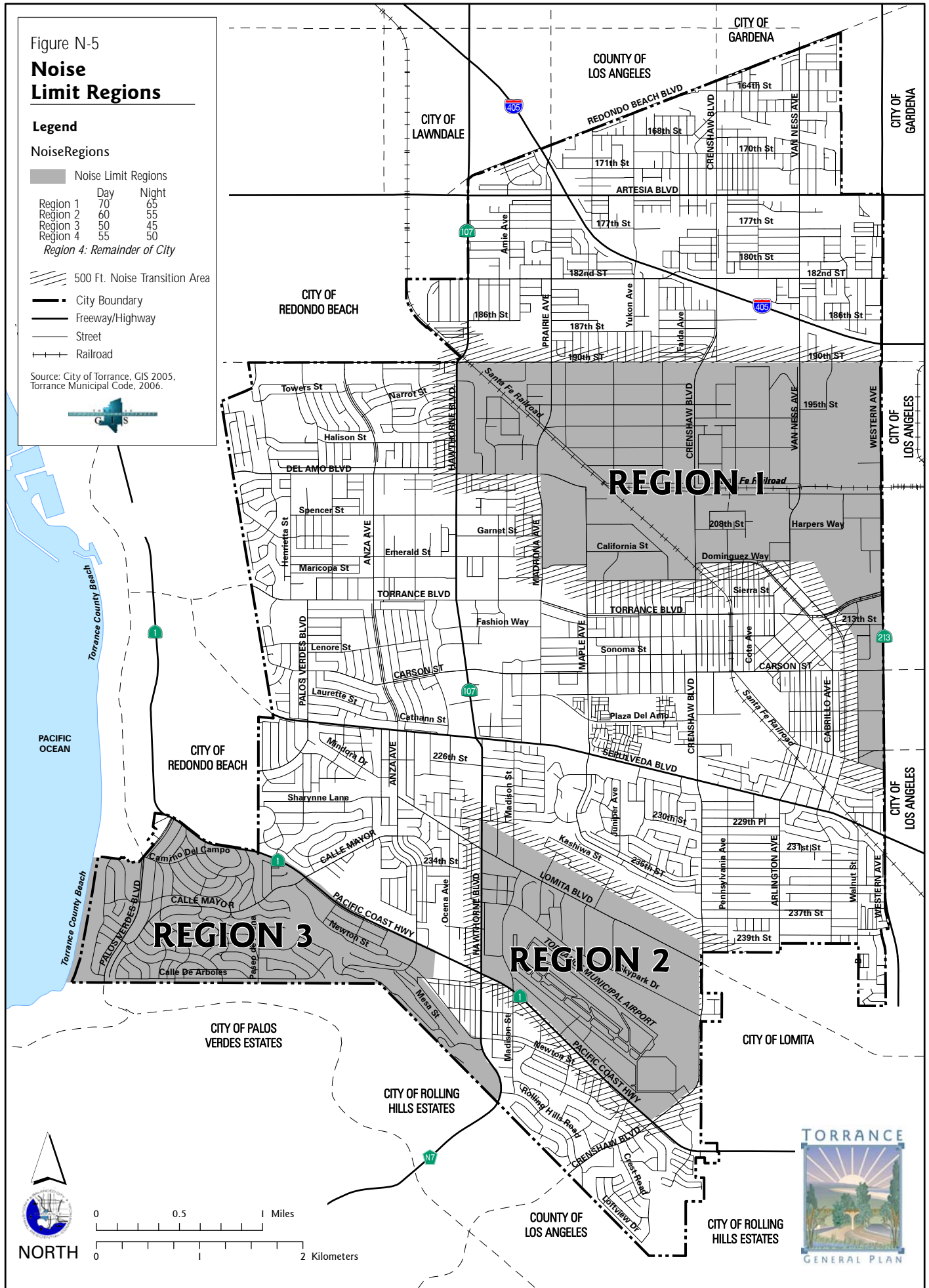
— City Boundary

— Freeway/Highway

— Street

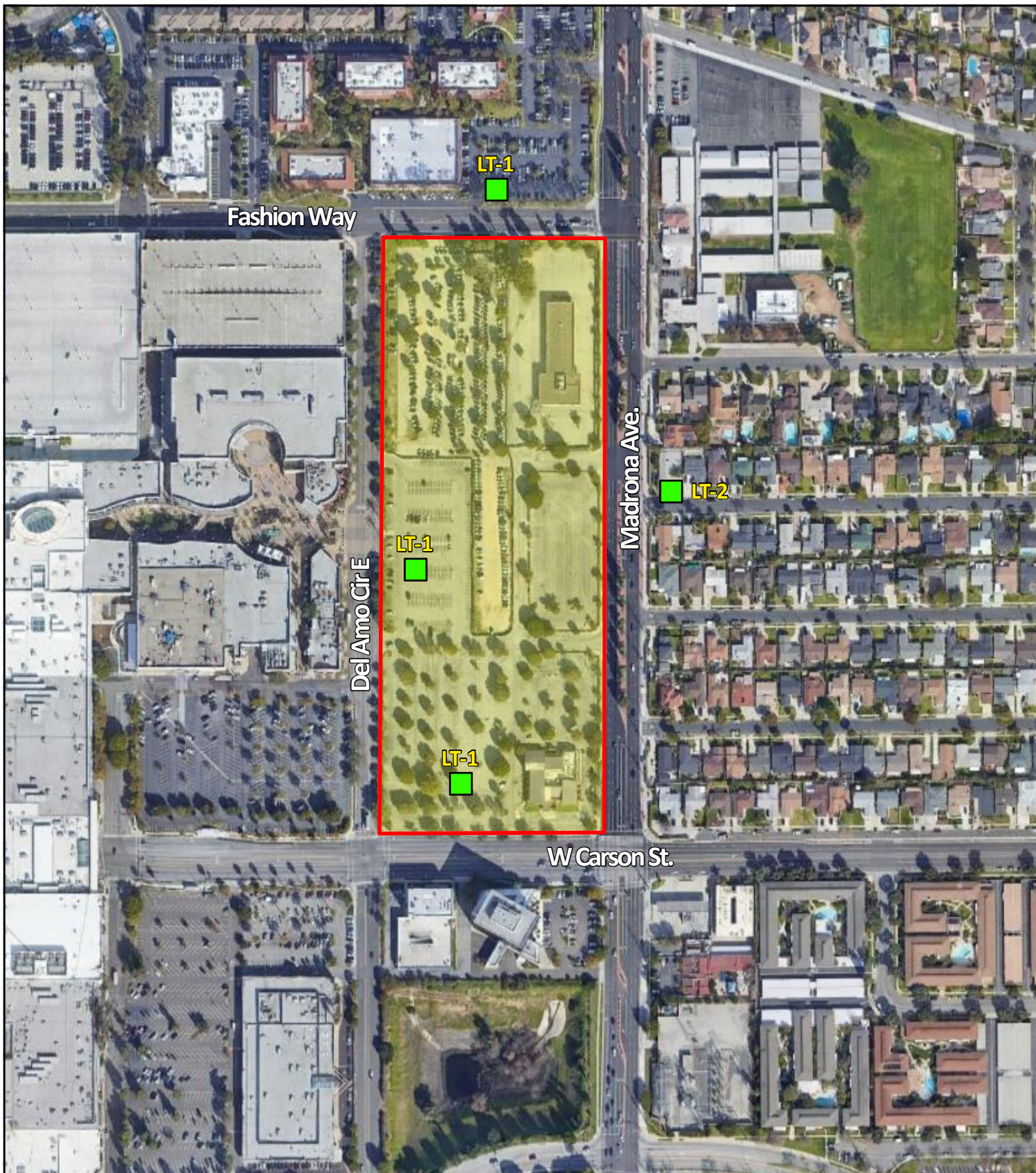
— Railroad

Source: City of Torrance, GIS 2005.  
Torrance Municipal Code, 2006.



## **APPENDIX NOI.2**

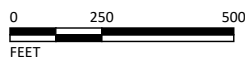
### **NOISE MONITORING LOCATIONS**



LSA

LEGEND

- Project Site Boundary
- LT-1** - Long-Term Noise Monitoring Location



SOURCE: Google Earth 2022

I:\LHC2101\G\Noise\_Locs.ai (2/21/2022)

*Del Amo Residential Project  
Noise Monitoring Locations*

## **APPENDIX NOI.3**

# **CONSTRUCTION NOISE CALCULATIONS**

## Construction Calculations

Phase: Demolition

Equipment Description	Reference (dBA) 50 ft Lmax	Quantity	Usage Factor <sup>1</sup>	Distance to Receptor (ft)	Ground Effect	Calculated Noise Level (dBA)	
						Lmax	Leq
Excavator	85	3	40	50	0	90	86
Concrete/Industrial Saws	90	1	20	50	0	90	83
Rubber Tired Dozers	85	2	40	50	0	88	84
<b>Combined at 50 feet</b>						<b>94</b>	<b>89</b>
<b>Combined at 365 feet</b>						<b>77</b>	<b>72</b>

Phase: Site Preparation

Equipment Description	Reference (dBA) 50 ft Lmax	Quantity	Usage Factor <sup>1</sup>	Distance to Receptor (ft)	Ground Effect	Calculated Noise Level (dBA)	
						Lmax	Leq
Rubber Tired Dozers	85	2	40	50	0	88	84
Tractors/Loaders/Backhoes	80	4	40	50	0	86	82
<b>Combined at 50 feet</b>						<b>90</b>	<b>86</b>
<b>Combined at 365 feet</b>						<b>73</b>	<b>69</b>

Phase: Grading

Equipment Description	Reference (dBA) 50 ft Lmax	Quantity	Usage Factor <sup>1</sup>	Distance to Receptor (ft)	Ground Effect	Calculated Noise Level (dBA)	
						Lmax	Leq
Excavator	85	2	40	50	0	88	84
Rubber Tired Dozers	85	1	40	50	0	85	81
Tractors/Loaders/Backhoes	80	2	40	50	0	83	79
Grader	85	1	40	50	0	85	81
Scraper	85	2	40	50	0	88	84
<b>Combined at 50 feet</b>						<b>93</b>	<b>89</b>
<b>Combined at 365 feet</b>						<b>76</b>	<b>72</b>

Phase: Building Construction

Equipment Description	Reference (dBA) 50 ft Lmax	Quantity	Usage Factor <sup>1</sup>	Distance to Receptor (ft)	Ground Effect	Calculated Noise Level (dBA)	
						Lmax	Leq
Tractors/Loaders/Backhoes	80	3	40	50	0	85	81
Crane	85	1	16	50	0	85	77
Forklift	85	3	20	50	0	90	83
Generator Sets	82	1	50	50	0	82	79
Welder	73	1	40	50	0	73	69
<b>Combined at 50 feet</b>						<b>92</b>	<b>87</b>
<b>Combined at 365 feet</b>						<b>75</b>	<b>70</b>

Phase: Paving

Equipment Description	Reference (dBA) 50 ft Lmax	Quantity	Usage Factor <sup>1</sup>	Distance to Receptor (ft)	Ground Effect	Calculated Noise Level (dBA)	
						Lmax	Leq
Pavers	85	2	50	50	0	88	85
Rollers	85	2	20	50	0	88	81
Paving Equipment	85	2	20	50	0	88	81
<b>Combined at 50 feet</b>						<b>93</b>	<b>88</b>
<b>Combined at 365 feet</b>						<b>76</b>	<b>71</b>

Phase: Architectural Coating

Equipment Description	Reference (dBA) 50 ft Lmax	Quantity	Usage Factor <sup>1</sup>	Distance to Receptor (ft)	Ground Effect	Calculated Noise Level (dBA)	
						Lmax	Leq
Air Compressors	80	1	40	50	0	80	76
<b>Combined at 50 feet</b>						<b>80</b>	<b>76</b>
<b>Combined at 365 feet</b>						<b>63</b>	<b>59</b>

## **APPENDIX NOI.4**

### **FHWA NOISE MODEL PRINTOUTS**



TABLE Existing No Project-01  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Hawthorne Boulevard north of Torrance Boulevard  
NOTES: Del Amo Residential - Existing No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 66365      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): 48      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.02

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
110.8	220.4	465.8	999.1

TABLE Existing No Project-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Hawthorne Boulevard between Torrance Boulevard and  
Carson Street

NOTES: Del Amo Residential - Existing No Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 67386      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): 48      SITE CHARACTERISTICS: SOFT

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\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.08

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
111.7	222.5	470.5	1009.3

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TABLE Existing No Project-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Hawthorne Boulevard between Carson Street and Sepulveda Boulevard

NOTES: Del Amo Residential - Existing No Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 62281      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): 48      SITE CHARACTERISTICS: SOFT

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\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.74

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
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107.1	211.7	446.7	957.8

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TABLE Existing No Project-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Hawthorne Boulevard south of Sepulveda Boulevard  
NOTES: Del Amo Residential - Existing No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 61260      SPEED (MPH): 40      GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 48      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.67

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
106.1	209.5	441.8	947.3

TABLE Existing No Project-05  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Prairie Avenue between Redondo Beach Boulevard and  
Artesia Boulevard  
NOTES: Del Amo Residential - Existing No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 32672      SPEED (MPH): 35      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.83

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
55.6	110.7	234.0	501.9

TABLE Existing No Project-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Prairie Avenue between Artesia Boulevard and 182nd Street

NOTES: Del Amo Residential - Existing No Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 38798      SPEED (MPH): 35      GRADE: .5

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

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

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\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.58

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
61.2	123.5	262.1	562.7

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TABLE Existing No Project-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Prairie Avenue between 182nd Street and 190th Street  
NOTES: Del Amo Residential - Existing No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 39819      SPEED (MPH): 35      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.69

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
62.1	125.6	266.6	572.5

TABLE Existing No Project-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Prairie Avenue between 190th Street and Del Amo  
Boulevard  
NOTES: Del Amo Residential - Existing No Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 45945      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): 34      SITE CHARACTERISTICS: SOFT

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\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.12

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
85.3	171.9	364.6	782.6

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TABLE Existing No Project-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Madrona Boulevard between Del Amo Boulevard and Torrance Boulevard

NOTES: Del Amo Residential - Existing No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 35735      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): 34      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.03

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
74.4	146.5	308.9	662.1

TABLE Existing No Project-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Madrona Boulevard between Torrance Boulevard and Carson Street

NOTES: Del Amo Residential - Existing No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 33693      SPEED (MPH): 35      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.24

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
62.5	115.9	240.0	512.5

TABLE Existing No Project-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Madrona Boulevard between Carson Street and Sepulveda Boulevard

NOTES: Del Amo Residential - Existing No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 20420      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) = 65.59

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	83.5	172.3	367.5

TABLE Existing No Project-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Torrance Boulevard between Anza Avenue and Hawthorne Boulevard

NOTES: Del Amo Residential - Existing No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 28588      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): 32      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.17

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
65.4	126.9	266.5	570.9

TABLE Existing No Project-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Torrance Boulevard between Madrona Boulevard and Maple Avenue

NOTES: Del Amo Residential - Existing No Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 33693      SPEED (MPH): 35      GRADE: .5

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

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

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\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.96

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
56.5	112.9	238.8	512.3

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TABLE Existing No Project-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Torrance Boulevard between Maple Avenue and Crenshaw Boulevard

NOTES: Del Amo Residential - Existing No Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 30630      SPEED (MPH): 35      GRADE: .5

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

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

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\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.55

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	106.3	224.3	480.9

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TABLE Existing No Project-15  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Carson Street between Anza Avenue and Hawthorne Boulevard  
NOTES: Del Amo Residential - Existing No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 14294      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): 26      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.11

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	67.5	136.6	290.1

TABLE Existing No Project-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Carson Street between Hawthorne Boulevard and Madrona Boulevard

NOTES: Del Amo Residential - Existing No Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 28588      SPEED (MPH): 35      GRADE: .5

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

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

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\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.53

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	105.1	215.8	459.7

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TABLE Existing No Project-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Carson Street between Madrona Boulevard and Maple Avenue

NOTES: Del Amo Residential - Existing No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 29609      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): 22      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.54

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	103.6	219.2	470.2

TABLE Existing No Project-18  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Carson Street between Maple Avenue and Crenshaw Boulevard  
NOTES: Del Amo Residential - Existing No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 29609      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): 22      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.54

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	103.6	219.2	470.2

TABLE Existing No Project-19  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Carson Street west of Western Avenue  
NOTES: Del Amo Residential - Existing No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 33693      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): 22      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.10

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
55.7	112.5	238.6	512.3

TABLE Existing No Project-20  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Sepulveda Boulevard between Anza Avenue and Hawthorne Boulevard  
NOTES: Del Amo Residential - Existing No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 29609      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): 32      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.33

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
66.6	129.8	272.7	584.3

TABLE Existing No Project-21  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Sepulveda Boulevard between Hawthorne Boulevard and Madrona Boulevard

NOTES: Del Amo Residential - Existing No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 41861      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): 34      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.72

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
81.0	162.0	342.8	735.6

TABLE Existing No Project-22  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Sepulveda Boulevard between Madrona Boulevard and Maple Avenue

NOTES: Del Amo Residential - Existing No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 46966      SPEED (MPH): 45      GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 38      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.27

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
103.7	211.2	449.2	964.8

TABLE Existing No Project-23  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Sepulveda Boulevard between Maple Avenue and Crenshaw Boulevard

NOTES: Del Amo Residential - Existing No Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 41861      SPEED (MPH): 45      GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 38      SITE CHARACTERISTICS: SOFT

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.77

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
97.1	196.1	416.2	893.6

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TABLE Existing No Project-24  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Sepulveda Boulevard east of Crenshaw Boulevard  
NOTES: Del Amo Residential - Existing No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 52071      SPEED (MPH): 45      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.83

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
109.4	225.5	480.8	1033.4



TABLE Existing No Project-25  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Del Amo Circle East north of Project Driveway B  
NOTES: Del Amo Residential - Existing No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 3287      SPEED (MPH): 30      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 56.25

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

TABLE Existing No Project-26  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Del Amo Circle East between Project Driveway B and Project Driveway C  
NOTES: Del Amo Residential - Existing No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4198      SPEED (MPH): 30      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.31

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

TABLE Existing No Project-27  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Del Amo Circle East between Project Driveway C and Carson Street  
NOTES: Del Amo Residential - Existing No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 7202      SPEED (MPH): 30      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.65

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	70.6	145.0

TABLE Existing No Project-28  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Del Amo Circle East between Carson Street and Sepulveda Boulevard

NOTES: Del Amo Residential - Existing No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 6599      SPEED (MPH): 30      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.28

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	67.1	137.0

TABLE Existing No Project-29  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Fashion Way west of Madrona Avenue  
NOTES: Del Amo Residential - Existing No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 10859      SPEED (MPH): 30      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.44

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

TABLE Existing Project-01  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Hawthorne Boulevard north of Torrance Boulevard  
NOTES: Del Amo Residential - Existing Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 66475      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): 48      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.02

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
110.9	220.6	466.3	1000.2

TABLE Existing Project-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Hawthorne Boulevard between Torrance Boulevard and  
Carson Street

NOTES: Del Amo Residential - Existing Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 67550      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): 48      SITE CHARACTERISTICS: SOFT

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.09

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
111.9	222.9	471.2	1010.9

TABLE Existing Project-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Hawthorne Boulevard between Carson Street and Sepulveda Boulevard

NOTES: Del Amo Residential - Existing Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 62336      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): 48      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.75

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
107.1	211.8	446.9	958.3



TABLE Existing Project-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Hawthorne Boulevard south of Sepulveda Boulevard  
NOTES: Del Amo Residential - Existing Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 61315      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): 48      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.67

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
106.2	209.6	442.1	947.9

TABLE Existing Project-05  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Prairie Avenue between Redondo Beach Boulevard and  
Artesia Boulevard

NOTES: Del Amo Residential - Existing Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 33110      SPEED (MPH): 35      GRADE: .5

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

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

---

\* \* CALCULATED NOISE LEVELS \* \*

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
56.0	111.6	236.1	506.4

TABLE Existing Project-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Prairie Avenue between Artesia Boulevard and 182nd Street

NOTES: Del Amo Residential - Existing Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 39236      SPEED (MPH): 35      GRADE: .5

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

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

---

\* \* CALCULATED NOISE LEVELS \* \*

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
61.5	124.4	264.1	566.9

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TABLE Existing Project-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Prairie Avenue between 182nd Street and 190th Street  
NOTES: Del Amo Residential - Existing Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 40257      SPEED (MPH): 35      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.74

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
62.4	126.5	268.6	576.7

TABLE Existing Project-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Prairie Avenue between 190th Street and Del Amo Boulevard  
NOTES: Del Amo Residential - Existing Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 46383      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): 34      SITE CHARACTERISTICS: SOFT

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.16

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
85.8	173.0	366.9	787.6

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TABLE Existing Project-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Madrona Boulevard between Del Amo Boulevard and Torrance Boulevard

NOTES: Del Amo Residential - Existing Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 36173      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): 34      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.08

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
74.9	147.6	311.4	667.5

TABLE Existing Project-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Madrona Boulevard between Torrance Boulevard and Carson Street

NOTES: Del Amo Residential - Existing Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 34186      SPEED (MPH): 35      GRADE: .5

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

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

---

\* \* CALCULATED NOISE LEVELS \* \*

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
63.0	116.9	242.3	517.4

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TABLE Existing Project-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Madrona Boulevard between Carson Street and Sepulveda Boulevard

NOTES: Del Amo Residential - Existing Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 20530      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) = 65.62

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	83.7	172.9	368.8



TABLE Existing Project-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Torrance Boulevard between Anza Avenue and Hawthorne Boulevard

NOTES: Del Amo Residential - Existing Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 28643      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): 32      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.18

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
65.5	127.1	266.9	571.6

TABLE Existing Project-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Torrance Boulevard between Madrona Boulevard and Maple Avenue

NOTES: Del Amo Residential - Existing Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 33748      SPEED (MPH): 35      GRADE: .5

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

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

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.97

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
56.6	113.0	239.0	512.9

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TABLE Existing Project-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Torrance Boulevard between Maple Avenue and Crenshaw Boulevard

NOTES: Del Amo Residential - Existing Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 30685      SPEED (MPH): 35      GRADE: .5

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

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

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.56

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	106.4	224.5	481.5

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TABLE Existing Project-15  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Carson Street between Anza Avenue and Hawthorne Boulevard  
NOTES: Del Amo Residential - Existing Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 14349      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): 26      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.13

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	67.6	137.0	290.8

TABLE Existing Project-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Carson Street between Hawthorne Boulevard and Madrona Boulevard

NOTES: Del Amo Residential - Existing Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 28698      SPEED (MPH): 35      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.55

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	105.4	216.3	460.8

TABLE Existing Project-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Carson Street between Madrona Boulevard and Maple Avenue

NOTES: Del Amo Residential - Existing Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 29773      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): 22      SITE CHARACTERISTICS: SOFT

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.56

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	104.0	220.0	471.9

---

TABLE Existing Project-18  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Carson Street between Maple Avenue and Crenshaw  
Boulevard  
NOTES: Del Amo Residential - Existing Project

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 29773      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): 22      SITE CHARACTERISTICS: SOFT

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.56

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	104.0	220.0	471.9

---

TABLE Existing Project-19  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Carson Street west of Western Avenue  
NOTES: Del Amo Residential - Existing Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 33857      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): 22      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.12

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
55.9	112.8	239.4	514.0



TABLE Existing Project-20  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Sepulveda Boulevard between Anza Avenue and Hawthorne Boulevard

NOTES: Del Amo Residential - Existing Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 29664      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): 32      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.33

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
66.6	129.9	273.1	585.0

TABLE Existing Project-21  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Sepulveda Boulevard between Hawthorne Boulevard and Madrona Boulevard

NOTES: Del Amo Residential - Existing Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 41916      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): 34      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.72

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
81.1	162.1	343.1	736.2

TABLE Existing Project-22  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Sepulveda Boulevard between Madrona Boulevard and Maple Avenue

NOTES: Del Amo Residential - Existing Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 47076      SPEED (MPH): 45      GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 38      SITE CHARACTERISTICS: SOFT

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.28

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
103.8	211.5	449.8	966.3

---

TABLE Existing Project-23  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Sepulveda Boulevard between Maple Avenue and Crenshaw Boulevard  
NOTES: Del Amo Residential - Existing Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 41971      SPEED (MPH): 45      GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 38      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.78

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
97.2	196.5	417.0	895.2

TABLE Existing Project-24  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Sepulveda Boulevard east of Crenshaw Boulevard  
NOTES: Del Amo Residential - Existing Project

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 52181      SPEED (MPH): 45      GRADE: .5

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

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

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.84

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
109.6	225.8	481.5	1034.9

---

TABLE Existing Project-25  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Del Amo Circle East north of Project Driveway B  
NOTES: Del Amo Residential - Existing Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 3711      SPEED (MPH): 30      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 56.78

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

TABLE Existing Project-26  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Del Amo Circle East between Project Driveway B and Project Driveway C  
NOTES: Del Amo Residential - Existing Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4344      SPEED (MPH): 30      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.46

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	104.9

TABLE Existing Project-27  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Del Amo Circle East between Project Driveway C and Carson Street

NOTES: Del Amo Residential - Existing Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 7396      SPEED (MPH): 30      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.77

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	71.7	147.5



TABLE Existing Project-28  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Del Amo Circle East between Carson Street and Sepulveda Boulevard

NOTES: Del Amo Residential - Existing Project

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 6663      SPEED (MPH): 30      GRADE: .5

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

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

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.32

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	67.4	137.8

---

TABLE Existing Project-29  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Fashion Way west of Madrona Avenue  
NOTES: Del Amo Residential - Existing Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 11123      SPEED (MPH): 30      GRADE: .5

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

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

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.54

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	91.9	192.5

---

TABLE 2025 No Project-01  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Hawthorne Boulevard north of Torrance Boulevard  
NOTES: Del Amo Residential - 2025 No Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 67759      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): 48      SITE CHARACTERISTICS: SOFT

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.11

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
112.0	223.3	472.2	1013.0

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TABLE 2025 No Project-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Hawthorne Boulevard between Torrance Boulevard and  
Carson Street  
NOTES: Del Amo Residential - 2025 No Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 68801      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): 48      SITE CHARACTERISTICS: SOFT

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.17

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
113.0	225.5	477.0	1023.3

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TABLE 2025 No Project-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Hawthorne Boulevard between Carson Street and Sepulveda Boulevard  
NOTES: Del Amo Residential - 2025 No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 63589      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): 48      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.83

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
108.3	214.5	452.8	971.1

TABLE 2025 No Project-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Hawthorne Boulevard south of Sepulveda Boulevard  
NOTES: Del Amo Residential - 2025 No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 62546      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): 48      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.76

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
107.3	212.2	447.9	960.5

TABLE 2025 No Project-05  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Prairie Avenue between Redondo Beach Boulevard and  
Artesia Boulevard  
NOTES: Del Amo Residential - 2025 No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 33358      SPEED (MPH): 35      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.92

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
56.2	112.2	237.2	508.9

TABLE 2025 No Project-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Prairie Avenue between Artesia Boulevard and 182nd Street

NOTES: Del Amo Residential - 2025 No Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 39613      SPEED (MPH): 35      GRADE: .5

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

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

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.67

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
61.9	125.2	265.7	570.6

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TABLE 2025 No Project-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Prairie Avenue between 182nd Street and 190th Street  
NOTES: Del Amo Residential - 2025 No Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 40655      SPEED (MPH): 35      GRADE: .5

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

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

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.78

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
62.8	127.3	270.3	580.5

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TABLE 2025 No Project-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Prairie Avenue between 190th Street and Del Amo Boulevard  
NOTES: Del Amo Residential - 2025 No Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 46910      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): 34      SITE CHARACTERISTICS: SOFT

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.21

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
86.3	174.2	369.6	793.5

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TABLE 2025 No Project-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Madrona Boulevard between Del Amo Boulevard and Torrance Boulevard

NOTES: Del Amo Residential - 2025 No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 36485      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): 34      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.12

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
75.2	148.5	313.1	671.3

TABLE 2025 No Project-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Madrona Boulevard between Torrance Boulevard and Carson Street

NOTES: Del Amo Residential - 2025 No Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 34401      SPEED (MPH): 35      GRADE: .5

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

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

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.33

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
63.1	117.4	243.3	519.6

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TABLE 2025 No Project-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Madrona Boulevard between Carson Street and Sepulveda Boulevard

NOTES: Del Amo Residential - 2025 No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 20849      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) = 65.69

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	84.5	174.6	372.6

TABLE 2025 No Project-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Torrance Boulevard between Anza Avenue and Hawthorne Boulevard  
NOTES: Del Amo Residential - 2025 No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 29188      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): 32      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.26

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
66.1	128.6	270.2	578.8

TABLE 2025 No Project-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Torrance Boulevard between Madrona Boulevard and Maple Avenue

NOTES: Del Amo Residential - 2025 No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 34401      SPEED (MPH): 35      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.06

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
57.2	114.4	242.1	519.4

TABLE 2025 No Project-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Torrance Boulevard between Maple Avenue and Crenshaw Boulevard  
NOTES: Del Amo Residential - 2025 No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 31273      SPEED (MPH): 35      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	107.7	227.4	487.6



TABLE 2025 No Project-15  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Carson Street between Anza Avenue and Hawthorne  
Boulevard  
NOTES: Del Amo Residential - 2025 No Project

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 14594      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): 26      SITE CHARACTERISTICS: SOFT

---

\* \* CALCULATED NOISE LEVELS \* \*

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	68.3	138.5	294.1

---

TABLE 2025 No Project-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Carson Street between Hawthorne Boulevard and Madrona Boulevard  
NOTES: Del Amo Residential - 2025 No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 29188      SPEED (MPH): 35      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.62

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	106.4	218.7	466.0

TABLE 2025 No Project-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Carson Street between Madrona Boulevard and Maple Avenue

NOTES: Del Amo Residential - 2025 No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 30231      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): 22      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	105.0	222.2	476.8

TABLE 2025 No Project-18  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Carson Street between Maple Avenue and Crenshaw Boulevard  
NOTES: Del Amo Residential - 2025 No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 30231      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): 22      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	105.0	222.2	476.8

TABLE 2025 No Project-19  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Carson Street west of Western Avenue  
NOTES: Del Amo Residential - 2025 No Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 34401      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): 22      SITE CHARACTERISTICS: SOFT

---

\* \* CALCULATED NOISE LEVELS \* \*

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
56.4	114.0	241.9	519.4

---

TABLE 2025 No Project-20  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Sepulveda Boulevard between Anza Avenue and Hawthorne Boulevard  
NOTES: Del Amo Residential - 2025 No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 30231      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): 32      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.42

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
67.3	131.5	276.5	592.5

TABLE 2025 No Project-21  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Sepulveda Boulevard between Hawthorne Boulevard and Madrona Boulevard  
NOTES: Del Amo Residential - 2025 No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 42740      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): 34      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.81

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
81.9	164.1	347.6	745.8

TABLE 2025 No Project-22  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Sepulveda Boulevard between Madrona Boulevard and Maple Avenue  
NOTES: Del Amo Residential - 2025 No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 47952      SPEED (MPH): 45      GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 38      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.36

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
104.9	214.1	455.4	978.2



TABLE 2025 No Project-23  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Sepulveda Boulevard between Maple Avenue and Crenshaw Boulevard  
NOTES: Del Amo Residential - 2025 No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 42740      SPEED (MPH): 45      GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 38      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.86

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
98.2	198.8	422.0	906.1

TABLE 2025 No Project-24  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Sepulveda Boulevard east of Crenshaw Boulevard  
NOTES: Del Amo Residential - 2025 No Project

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 53164      SPEED (MPH): 45      GRADE: .5

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

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

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.92

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
110.8	228.6	487.5	1047.8

---

TABLE 2025 No Project-25  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Del Amo Circle East north of Project Driveway B  
NOTES: Del Amo Residential - 2025 No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 3356      SPEED (MPH): 30      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 56.34

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

TABLE 2025 No Project-26  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Del Amo Circle East between Project Driveway B and  
Project Driveway C  
NOTES: Del Amo Residential - 2025 No Project

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4286      SPEED (MPH): 30      GRADE: .5

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

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

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.40

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	104.0

---

TABLE 2025 No Project-27  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Del Amo Circle East between Project Driveway C and Carson Street  
NOTES: Del Amo Residential - 2025 No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 7353      SPEED (MPH): 30      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.74

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	71.4	146.9

TABLE 2025 No Project-28  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Del Amo Circle East between Carson Street and Sepulveda Boulevard  
NOTES: Del Amo Residential - 2025 No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 6738      SPEED (MPH): 30      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.37

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	67.9	138.8

TABLE 2025 No Project-29  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Fashion Way west of Madrona Avenue  
NOTES: Del Amo Residential - 2025 No Project

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 11087      SPEED (MPH): 30      GRADE: .5

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

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

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.53

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	91.7	192.1

---

TABLE 2025 Project-01  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Hawthorne Boulevard north of Torrance Boulevard  
NOTES: Del Amo Residential - 2025 Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 67869      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): 48      SITE CHARACTERISTICS: SOFT

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.11

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
112.1	223.5	472.7	1014.1

---



TABLE 2025 Project-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Hawthorne Boulevard between Torrance Boulevard and  
Carson Street  
NOTES: Del Amo Residential - 2025 Project

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 68965      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): 48      SITE CHARACTERISTICS: SOFT

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.18

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
113.1	225.8	477.7	1025.0

---

TABLE 2025 Project-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Hawthorne Boulevard between Carson Street and Sepulveda Boulevard

NOTES: Del Amo Residential - 2025 Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 63644      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): 48      SITE CHARACTERISTICS: SOFT

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.84

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
108.3	214.6	453.1	971.7

---

TABLE 2025 Project-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Hawthorne Boulevard south of Sepulveda Boulevard  
NOTES: Del Amo Residential - 2025 Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 62601      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): 48      SITE CHARACTERISTICS: SOFT

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.76

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
107.4	212.4	448.2	961.0

---

TABLE 2025 Project-05  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Prairie Avenue between Redondo Beach Boulevard and  
Artesia Boulevard  
NOTES: Del Amo Residential - 2025 Project

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 33796      SPEED (MPH): 35      GRADE: .5

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

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

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.98

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
56.6	113.1	239.3	513.3

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TABLE 2025 Project-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Prairie Avenue between Artesia Boulevard and 182nd Street  
NOTES: Del Amo Residential - 2025 Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 40051      SPEED (MPH): 35      GRADE: .5

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

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

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.72

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
62.3	126.1	267.7	574.7

---

TABLE 2025 Project-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Prairie Avenue between 182nd Street and 190th Street  
NOTES: Del Amo Residential - 2025 Project

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 41093      SPEED (MPH): 35      GRADE: .5

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

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

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.83

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
63.2	128.2	272.3	584.7

---

TABLE 2025 Project-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Prairie Avenue between 190th Street and Del Amo Boulevard  
NOTES: Del Amo Residential - 2025 Project

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 47348      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): 34      SITE CHARACTERISTICS: SOFT

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.25

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
86.8	175.3	371.9	798.4

---

TABLE 2025 Project-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Madrona Boulevard between Del Amo Boulevard and Torrance Boulevard

NOTES: Del Amo Residential - 2025 Project

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 36923      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): 34      SITE CHARACTERISTICS: SOFT

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.17

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
75.7	149.6	315.6	676.7

---



TABLE 2025 Project-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Madrona Boulevard between Torrance Boulevard and Carson Street  
NOTES: Del Amo Residential - 2025 Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 34894      SPEED (MPH): 35      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
63.5	118.4	245.6	524.5

TABLE 2025 Project-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Madrona Boulevard between Carson Street and Sepulveda Boulevard  
NOTES: Del Amo Residential - 2025 Project

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 20959      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) = 65.71

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	84.8	175.2	373.9

---

TABLE 2025 Project-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Torrance Boulevard between Anza Avenue and Hawthorne Boulevard  
NOTES: Del Amo Residential - 2025 Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 29243      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): 32      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.27

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
66.1	128.7	270.5	579.5

TABLE 2025 Project-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Torrance Boulevard between Madrona Boulevard and Maple Avenue

NOTES: Del Amo Residential - 2025 Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 34456      SPEED (MPH): 35      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.06

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
57.2	114.5	242.3	520.0

TABLE 2025 Project-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Torrance Boulevard between Maple Avenue and Crenshaw Boulevard  
NOTES: Del Amo Residential - 2025 Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 31328      SPEED (MPH): 35      GRADE: .5

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

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

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.65

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	107.8	227.6	488.2

---

TABLE 2025 Project-15  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Carson Street between Anza Avenue and Hawthorne  
Boulevard  
NOTES: Del Amo Residential - 2025 Project

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 14649      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): 26      SITE CHARACTERISTICS: SOFT

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.22

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	68.4	138.8	294.9

---

TABLE 2025 Project-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Carson Street between Hawthorne Boulevard and Madrona Boulevard  
NOTES: Del Amo Residential - 2025 Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 29298      SPEED (MPH): 35      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.64

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	106.7	219.2	467.2

TABLE 2025 Project-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022

ROADWAY SEGMENT: Carson Street between Madrona Boulevard and Maple Avenue

NOTES: Del Amo Residential - 2025 Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 30395      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): 22      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.65

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	105.3	223.0	478.5



TABLE 2025 Project-18  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Carson Street between Maple Avenue and Crenshaw  
Boulevard  
NOTES: Del Amo Residential - 2025 Project

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 30395      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): 22      SITE CHARACTERISTICS: SOFT

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.65

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	105.3	223.0	478.5

---

TABLE 2025 Project-19  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Carson Street west of Western Avenue  
NOTES: Del Amo Residential - 2025 Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 34565      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): 22      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.21

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
56.5	114.3	242.7	521.1

TABLE 2025 Project-20  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Sepulveda Boulevard between Anza Avenue and Hawthorne Boulevard  
NOTES: Del Amo Residential - 2025 Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 30286      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): 32      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.42

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
67.3	131.6	276.8	593.2

TABLE 2025 Project-21  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Sepulveda Boulevard between Hawthorne Boulevard and  
Madrona Boulevard  
NOTES: Del Amo Residential - 2025 Project

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 42795      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): 34      SITE CHARACTERISTICS: SOFT

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.81

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
82.0	164.3	347.9	746.5

---

TABLE 2025 Project-22  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Sepulveda Boulevard between Madrona Boulevard and Maple Avenue  
NOTES: Del Amo Residential - 2025 Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 48062      SPEED (MPH): 45      GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 38      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.37

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
105.1	214.4	456.1	979.7

TABLE 2025 Project-23  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Sepulveda Boulevard between Maple Avenue and Crenshaw Boulevard  
NOTES: Del Amo Residential - 2025 Project

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 42850      SPEED (MPH): 45      GRADE: .5

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

ACTIVE HALF-WIDTH (FT): 38      SITE CHARACTERISTICS: SOFT

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.87

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
98.4	199.1	422.7	907.6

---

TABLE 2025 Project-24  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Sepulveda Boulevard east of Crenshaw Boulevard  
NOTES: Del Amo Residential - 2025 Project

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 53274      SPEED (MPH): 45      GRADE: .5

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

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

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.93

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
110.9	228.9	488.2	1049.3

---

TABLE 2025 Project-25  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Del Amo Circle East north of Project Driveway B  
NOTES: Del Amo Residential - 2025 Project

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 3780      SPEED (MPH): 30      GRADE: .5

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

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

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 56.86

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	96.1

---



TABLE 2025 Project-26  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Del Amo Circle East between Project Driveway B and Project Driveway C  
NOTES: Del Amo Residential - 2025 Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4432      SPEED (MPH): 30      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.55

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

TABLE 2025 Project-27  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Del Amo Circle East between Project Driveway C and  
Carson Street  
NOTES: Del Amo Residential - 2025 Project

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 7547      SPEED (MPH): 30      GRADE: .5

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

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

---

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.86

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	72.6	149.4

---

TABLE 2025 Project-28  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Del Amo Circle East between Carson Street and Sepulveda Boulevard  
NOTES: Del Amo Residential - 2025 Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 6802      SPEED (MPH): 30      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.41

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	68.2	139.7

TABLE 2025 Project-29  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/23/2022  
ROADWAY SEGMENT: Fashion Way west of Madrona Avenue  
NOTES: Del Amo Residential - 2025 Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 11351      SPEED (MPH): 30      GRADE: .5

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

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

\* \* CALCULATED NOISE LEVELS \* \*

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.63

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	93.0	195.1

