

APPENDIX J

NOISE

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TABLE Existing Without Project-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Avenue 17 and Project Driveway 3
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 4458 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.58

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	61.1	131.1	282.2

TABLE Existing Without Project-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Project Driveway 3 and Avenue 16
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 4458 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.58

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	61.1	131.1	282.2

TABLE Existing Without Project-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Avenue 16 and Cleveland Avenue
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 4658 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.77

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	62.9	135.0	290.6

TABLE Existing Without Project-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Cleveland Avenue and Project Driveway 4
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5575 SPEED (MPH): 55 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	70.8	152.2	327.6

TABLE Existing Without Project-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Project Driveway 4 and Project Driveway 5
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5575 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	70.8	152.2	327.6

TABLE Existing Without Project-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Project Driveway 5 and Avenue 14
1/2
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5575 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	70.8	152.2	327.6

TABLE Existing Without Project-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Avenue 14 1/2 and Avenue 14
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5052 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.12

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	66.4	142.5	306.8

TABLE Existing Without Project-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Westberry Boulevard between Sunset Avenue and Avenue 14/Howard Road
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 3888 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.51

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	57.7	122.1

TABLE Existing Without Project-09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Granada Drive between Cleveland Avenue and
Fresno River
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 10439 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): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.07

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	76.7	164.9	355.0

TABLE Existing Without Project-10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Granada Drive between Sunset Avenue and Avenue 14/Howard Road
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7707 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): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	62.8	134.7	290.0

TABLE Existing Without Project-11
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Avenue 17 between Road 22 and Project Driveway 1
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 802 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 58.13

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

TABLE Existing Without Project-12
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Avenue 17 between Project Driveway 1 and Road 23

NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 802 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 58.13

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

TABLE Existing Without Project-13
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Avenue 17 between Road 23 and Golden State Boulevard
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2233 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.57

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	82.9	178.1

TABLE Existing Without Project-14
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Avenue 17 between Golden State Boulevard and
State Route 99 Southbound Off-Ramp
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 9626 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.92

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	101.8	218.9	471.4

TABLE Existing Without Project-15
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Avenue 16 between Road 22 and Project Driveway
2/Road 22 1/2
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 453 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 55.65

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	61.8

TABLE Existing Without Project-16
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Avenue 16 between Project Driveway 2/Road 22 1/2
and Road 23

NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 453 SPEED (MPH): 55 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 55.65

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	0.0	61.8

TABLE Existing Without Project-17
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Cleveland Avenue between Road 22 1/2 and Road 23
 NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 36 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 44.65

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

TABLE Existing Without Project-18
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Road 23 and Project Driveway 6
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2349 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.79

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	85.7	184.2

TABLE Existing Without Project-19
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Project Driveway 6 and Westberry Boulevard
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2349 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.79

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	85.7	184.2

TABLE Existing Without Project-20
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Westberry Boulevard and Granada Drive
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 3879 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): 12 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.19

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	86.0	183.7

TABLE Existing Without Project-21
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Granada Drive and Schnoor Street
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 9473 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.15

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	75.5	156.0	332.9

TABLE Existing Without Project-22
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Schnoor Street and Fairgrounds
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

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

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.89

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	83.8	174.6	373.2

TABLE Existing Without Project-23
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Fairgrounds and State
Route 99 Southbound Ramps
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

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

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.89

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	83.8	174.6	373.2

TABLE Existing Without Project-24
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Sunset Avenue between Granada Drive and Schnoor Street
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6123 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.48

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	77.3	164.9

TABLE Existing Without Project-25
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Howard Road between Granada Drive and Schnoor Street
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 10751 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) = 63.00

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	56.8	113.5	240.2

TABLE Existing Without Project-26
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Howard Road between Schnoor Street and Pine Street
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 16597 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) = 64.89

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	72.9	150.1	320.2

TABLE Existing Without Project-27
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Olive Avenue between Yosemite Avenue and I Street
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 11314 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) = 63.23

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	58.4	117.3	248.4

TABLE Existing Without Project-28
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Olive Avenue between I Street and State Route 99
Southbound Off-Ramp
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 11314 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) = 63.23

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	58.4	117.3	248.4

TABLE Existing Without Project-29
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Olive Avenue between State Route 99 Southbound
Off-Ramp and Madera Avenue
NOTES: Madera Village D Specific Plan - Existing Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 11314 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.73

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	53.7	115.2	247.8

TABLE Existing With Project -01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Avenue 17 and Project Driveway 3
NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 40636 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 75.17

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
123.3	265.4	571.5	1231.0

TABLE Existing With Project -02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Project Driveway 3 and Avenue 16
NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 33971 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
109.5	235.5	507.2	1092.4

TABLE Existing With Project -03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Avenue 16 and Cleveland Avenue
NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 34926 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.52

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
111.5	239.9	516.7	1112.8

TABLE Existing With Project -04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Cleveland Avenue and Project Driveway 4
NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 36640 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.72

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
115.1	247.7	533.4	1148.9

TABLE Existing With Project -05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Project Driveway 4 and Project Driveway 5
NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 33303 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.31

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
108.0	232.4	500.5	1078.1

TABLE Existing With Project -06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Project Driveway 5 and Avenue 14
1/2
NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 33665 SPEED (MPH): 55 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.36

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
108.8	234.1	504.1	1085.9

TABLE Existing With Project -07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Avenue 14 1/2 and Avenue 14
NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 26622 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.34

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
93.1	200.2	431.1	928.6

TABLE Existing With Project -08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Westberry Boulevard between Sunset Avenue and Avenue 14/Howard Road
NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5060 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.65

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	68.3	145.3

TABLE Existing With Project -09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Granada Drive between Cleveland Avenue and Fresno River
NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 10795 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): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.22

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	78.5	168.6	363.0

TABLE Existing With Project -10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Granada Drive between Sunset Avenue and Avenue 14/Howard Road
NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7707 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): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	62.8	134.7	290.0

TABLE Existing With Project -11
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Avenue 17 between Road 22 and Project Driveway 1

NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2300 SPEED (MPH): 55 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.70

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	84.5	181.7

TABLE Existing With Project -12
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Avenue 17 between Project Driveway 1 and Road 23

NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 11439 SPEED (MPH): 55 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.67

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
53.2	114.1	245.5	528.8

TABLE Existing With Project -13
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Avenue 17 between Road 23 and Golden State Boulevard
NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 27891 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
96.0	206.5	444.7	957.9

TABLE Existing With Project -14
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Avenue 17 between Golden State Boulevard and
 State Route 99 Southbound Off-Ramp
 NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 29982 SPEED (MPH): 55 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
100.8	216.7	466.7	1005.2

TABLE Existing With Project -15
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Avenue 16 between Road 22 and Project Driveway
2/Road 22 1/2
NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 691 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.48

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	0.0	81.7

TABLE Existing With Project -16
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Avenue 16 between Project Driveway 2/Road 22 1/2
and Road 23

NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 10456 SPEED (MPH): 55 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.28

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	107.5	231.3	498.1

TABLE Existing With Project -17
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Cleveland Avenue between Road 22 1/2 and Road 23

NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 34719 SPEED (MPH): 55 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.49

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
111.1	239.0	514.6	1108.4

TABLE Existing With Project -18
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Road 23 and Project Driveway 6
NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 28339 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
97.1	208.7	449.5	968.1

TABLE Existing With Project -19
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Project Driveway 6 and Westberry Boulevard
NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 31877 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
104.9	225.8	486.1	1047.1

TABLE Existing With Project -20
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Westberry Boulevard and Granada Drive
NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 22801 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): 12 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.88

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
60.9	129.2	277.4	597.0

TABLE Existing With Project -21
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Granada Drive and Schnoor Street
NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 26807 SPEED (MPH): 45 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
70.7	145.1	309.3	664.6

TABLE Existing With Project -22
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Schnoor Street and Fairgrounds
NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 29794 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
63.4	128.6	273.2	586.8

TABLE Existing With Project -23
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Fairgrounds and State
Route 99 Southbound Ramps
NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 30178 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
63.8	129.7	275.6	591.8

TABLE Existing With Project -24
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Sunset Avenue between Granada Drive and Schnoor Street
NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7555 SPEED (MPH): 35 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.39

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	88.6	189.6

TABLE Existing With Project -25
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Howard Road between Granada Drive and Schnoor Street
NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 19675 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.63

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	80.7	167.7	358.4

TABLE Existing With Project -26
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Howard Road between Schnoor Street and Pine Street
NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 25521 SPEED (MPH): 35 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.76

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	94.8	198.9	426.0

TABLE Existing With Project -27
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Olive Avenue between Yosemite Avenue and I
 Street
 NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 17868 SPEED (MPH): 35 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.21

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	76.2	157.5	336.2

TABLE Existing With Project -28
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Olive Avenue between I Street and State Route 99
Southbound Off-Ramp
NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 16316 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) = 64.82

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	72.1	148.5	316.6

TABLE Existing With Project -29
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Olive Avenue between State Route 99 Southbound
Off-Ramp and Madera Avenue
NOTES: Madera Village D Specific Plan - Existing With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 18050 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.76

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	73.2	157.2	338.3

Project-01

TABLE Phase I Year (2029) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Avenue 17 and Project Driveway 3
 NOTES: Madera Village D Specific Plan - Phase I Year (2029)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 4524 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.64

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	61.7	132.4	285.0

Project-02

TABLE Phase I Year (2029) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Project Driveway 3 and Avenue 16
 NOTES: Madera Village D Specific Plan - Phase I Year (2029)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 4572 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	62.1	133.4	287.0

Project-03

TABLE Phase I Year (2029) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Avenue 16 and Cleveland Avenue
 NOTES: Madera Village D Specific Plan - Phase I Year (2029)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5586 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	70.9	152.4	328.0

Project-04

TABLE Phase I Year (2029) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Cleveland Avenue and Project Driveway 4
 NOTES: Madera Village D Specific Plan - Phase I Year (2029) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6226 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.03

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	76.2	163.8	352.6

Project-05

TABLE Phase I Year (2029) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Project Driveway 4 and Project Driveway 5
 NOTES: Madera Village D Specific Plan - Phase I Year (2029) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5955 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.83

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	74.0	159.0	342.3

Project-06

TABLE Phase I Year (2029) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Project Driveway 5 and Avenue 14
 1/2
 NOTES: Madera Village D Specific Plan - Phase I Year (2029)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5660 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	71.6	153.7	330.9

Project-07

TABLE Phase I Year (2029) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Avenue 14 1/2 and Avenue 14
 NOTES: Madera Village D Specific Plan - Phase I Year (2029)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5215 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.26

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	67.8	145.6	313.3

Project-08

TABLE Phase I Year (2029) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Westberry Boulevard between Sunset Avenue and Avenue 14/Howard Road
 NOTES: Madera Village D Specific Plan - Phase I Year (2029) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 4846 SPEED (MPH): 35 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.47

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	66.4	141.2

Project-09

TABLE Phase I Year (2029) Without

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Granada Drive between Cleveland Avenue and Fresno River

NOTES: Madera Village D Specific Plan - Phase I Year (2029) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 11674 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): 6 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	82.6	177.6	382.4

Project-10

TABLE Phase I Year (2029) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Granada Drive between Sunset Avenue and Avenue
14/Howard Road
NOTES: Madera Village D Specific Plan - Phase I Year (2029)
Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8086 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): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.96

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	64.8	139.1	299.4

Project-11

TABLE Phase I Year (2029) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Avenue 17 between Road 22 and Project Driveway 1
 NOTES: Madera Village D Specific Plan - Phase I Year (2029)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 894 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 58.60

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

Project-12

TABLE Phase I Year (2029) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Avenue 17 between Project Driveway 1 and Road 23
 NOTES: Madera Village D Specific Plan - Phase I Year (2029)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 902 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 58.64

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	97.5

Project-13

TABLE Phase I Year (2029) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Avenue 17 between Road 23 and Golden State
Boulevard
NOTES: Madera Village D Specific Plan - Phase I Year (2029)
Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 3262 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	106.6	229.3

Project-14

TABLE Phase I Year (2029) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Avenue 17 between Golden State Boulevard and
State Route 99 Southbound Off-Ramp
NOTES: Madera Village D Specific Plan - Phase I Year (2029)
Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14168 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.60

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
61.3	131.6	283.2	609.8

Project-15

TABLE Phase I Year (2029) Without

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Avenue 16 between Road 22 and Project Driveway
2/Road 22 1/2

NOTES: Madera Village D Specific Plan - Phase I Year (2029)
Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 459 SPEED (MPH): 55 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 55.70

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

TABLE Phase I Year (2029) Without
Project-16
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Avenue 16 between Project Driveway 2/Road 22 1/2 and Road 23
NOTES: Madera Village D Specific Plan - Phase I Year (2029) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1187 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.83

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	54.6	117.0

Project-17

TABLE Phase I Year (2029) Without

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Cleveland Avenue between Road 22 1/2 and Road 23

NOTES: Madera Village D Specific Plan - Phase I Year (2029)

Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 37 SPEED (MPH): 55 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 44.77

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	0.0	0.0

Project-18

TABLE Phase I Year (2029) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Cleveland Avenue between Road 23 and Project Driveway 6
 NOTES: Madera Village D Specific Plan - Phase I Year (2029) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2425 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.93

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	87.5	188.2

TABLE Phase I Year (2029) Without
Project-19
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Project Driveway 6 and Westberry Boulevard
NOTES: Madera Village D Specific Plan - Phase I Year (2029) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2967 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.81

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	100.1	215.2

Project-20

TABLE Phase I Year (2029) Without

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Cleveland Avenue between Westberry Boulevard and Granada Drive

NOTES: Madera Village D Specific Plan - Phase I Year (2029) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 4942 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): 12 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.24

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	100.8	215.8

Project-21

TABLE Phase I Year (2029) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Granada Drive and Schnoor Street
NOTES: Madera Village D Specific Plan - Phase I Year (2029) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 10997 SPEED (MPH): 45 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.79

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	82.6	171.9	367.5

Project-22

TABLE Phase I Year (2029) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Cleveland Avenue between Schnoor Street and Fairgrounds
 NOTES: Madera Village D Specific Plan - Phase I Year (2029) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 16508 SPEED (MPH): 40 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.29

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	88.6	185.2	396.3

Project-23

TABLE Phase I Year (2029) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Cleveland Avenue between Fairgrounds and State
 Route 99 Southbound Ramps
 NOTES: Madera Village D Specific Plan - Phase I Year (2029)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 17328 SPEED (MPH): 40 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	91.3	191.2	409.3

Project-24

TABLE Phase I Year (2029) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Sunset Avenue between Granada Drive and Schnoor Street
NOTES: Madera Village D Specific Plan - Phase I Year (2029) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6225 SPEED (MPH): 35 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.55

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	78.1	166.7

Project-25

TABLE Phase I Year (2029) Without

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Howard Road between Granada Drive and Schnoor Street

NOTES: Madera Village D Specific Plan - Phase I Year (2029) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 11299 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) = 63.22

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	58.4	117.2	248.2

Project-26

TABLE Phase I Year (2029) Without

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Howard Road between Schnoor Street and Pine Street

NOTES: Madera Village D Specific Plan - Phase I Year (2029) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 16913 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) = 64.97

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	73.7	152.0	324.2

Project-27

TABLE Phase I Year (2029) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Olive Avenue between Yosemite Avenue and I Street
NOTES: Madera Village D Specific Plan - Phase I Year (2029) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 12501 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) = 63.66

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	61.8	125.0	265.4

Project-28

TABLE Phase I Year (2029) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Olive Avenue between I Street and State Route 99
Southbound Off-Ramp
NOTES: Madera Village D Specific Plan - Phase I Year (2029)
Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 12501 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) = 63.66

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	61.8	125.0	265.4

Project-29

TABLE Phase I Year (2029) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Olive Avenue between State Route 99 Southbound
 Off-Ramp and Madera Avenue
 NOTES: Madera Village D Specific Plan - Phase I Year (2029)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14470 SPEED (MPH): 35 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.80

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	63.2	135.7	292.0

Project-01
 TABLE Phase 1 Year (2029) With
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Avenue 17 and Project Driveway 3
 NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 12096 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.91

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
55.2	118.4	254.9	548.8

Project-02

TABLE Phase 1 Year (2029) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Project Driveway 3 and Avenue 16
NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 12144 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.93

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
55.4	118.7	255.5	550.3

Project-03
 TABLE Phase 1 Year (2029) With
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Avenue 16 and Cleveland Avenue
 NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 12324 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.99

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
55.9	119.9	258.0	555.7

Project-04

TABLE Phase 1 Year (2029) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Cleveland Avenue and Project Driveway 4
NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14726 SPEED (MPH): 55 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES		
DAY	EVENING	NIGHT
---	-----	-----

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
62.9	135.0	290.6	625.7

Project-05
 TABLE Phase 1 Year (2029) With
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Project Driveway 4 and Project Driveway 5
 NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15995 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.13

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
66.4	142.6	307.0	661.2

TABLE Phase 1 Year (2029) With
Project-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Project Driveway 5 and Avenue 14
1/2
NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With
Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15700 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.04

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
65.6	140.9	303.2	653.0

Project-07

TABLE Phase 1 Year (2029) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Avenue 14 1/2 and Avenue 14
 NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 13077 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
58.2	124.7	268.4	578.1

Project-08

TABLE Phase 1 Year (2029) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Westberry Boulevard between Sunset Avenue and Avenue 14/Howard Road
 NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5614 SPEED (MPH): 35 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.11

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	73.0	155.7

Project-09

TABLE Phase 1 Year (2029) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Granada Drive between Cleveland Avenue and
Fresno River
NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With
Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 11930 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): 6 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	83.8	180.2	388.0

Project-10
 TABLE Phase 1 Year (2029) With
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Granada Drive between Sunset Avenue and Avenue
 14/Howard Road
 NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With
 Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8086 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): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.96

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	64.8	139.1	299.4

Project-11
 TABLE Phase 1 Year (2029) With
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Avenue 17 between Road 22 and Project Driveway 1
 NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1358 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.41

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	59.6	127.9

Project-12
 TABLE Phase 1 Year (2029) With
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Avenue 17 between Project Driveway 1 and Road 23
 NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1366 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.44

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	59.9	128.4

Project-13

TABLE Phase 1 Year (2029) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Avenue 17 between Road 23 and Golden State
Boulevard
NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With
Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5338 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.36

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	68.8	147.8	318.2

Project-14

TABLE Phase 1 Year (2029) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Avenue 17 between Golden State Boulevard and
State Route 99 Southbound Off-Ramp
NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With
Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15884 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
66.1	142.0	305.6	658.1

Project-15

TABLE Phase 1 Year (2029) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Avenue 16 between Road 22 and Project Driveway
2/Road 22 1/2
NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With
Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 459 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 55.70

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

TABLE Phase 1 Year (2029) With
Project-16
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Avenue 16 between Project Driveway 2/Road 22 1/2 and Road 23
NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1187 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.83

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	54.6	117.0

Project-17

TABLE Phase 1 Year (2029) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Road 22 1/2 and Road 23
NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 37 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 44.77

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

Project-18

TABLE Phase 1 Year (2029) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Road 23 and Project Driveway 6
NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14959 SPEED (MPH): 55 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
--	------------	------------------	----------------

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
63.6	136.4	293.6	632.3

Project-19

TABLE Phase 1 Year (2029) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Project Driveway 6 and Westberry Boulevard
NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 21105 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.33

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
79.8	171.5	369.3	795.4

Project-20

TABLE Phase 1 Year (2029) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Westberry Boulevard and Granada Drive
NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 17008 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): 12 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.61

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	106.5	228.3	491.2

Project-21
 TABLE Phase 1 Year (2029) With
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Cleveland Avenue between Granada Drive and
 Schnoor Street
 NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With
 Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 22233 SPEED (MPH): 45 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
63.4	128.6	273.2	586.8

TABLE Phase 1 Year (2029) With
Project-22
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Schnoor Street and Fairgrounds
NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 26120 SPEED (MPH): 40 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.28

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
58.9	118.2	250.5	537.6

Project-23

TABLE Phase 1 Year (2029) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Cleveland Avenue between Fairgrounds and State
 Route 99 Southbound Ramps
 NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With
 Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 26940 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.41

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
59.9	120.6	255.6	548.8

Project-24

TABLE Phase 1 Year (2029) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Sunset Avenue between Granada Drive and Schnoor Street
NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6709 SPEED (MPH): 35 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.88

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	82.0	175.2

Project-25
 TABLE Phase 1 Year (2029) With
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Howard Road between Granada Drive and Schnoor Street
 NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14443 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) = 64.29

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	67.2	137.2	292.0

Project-26

TABLE Phase 1 Year (2029) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Howard Road between Schnoor Street and Pine Street
NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 20057 SPEED (MPH): 35 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.71

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	81.7	169.9	363.0

Project-27

TABLE Phase 1 Year (2029) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Olive Avenue between Yosemite Avenue and I Street
NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14441 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) = 64.29

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	67.1	137.2	292.0

Project-28

TABLE Phase 1 Year (2029) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Olive Avenue between I Street and State Route 99
Southbound Off-Ramp
NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With
Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 13835 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) = 64.10

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	65.5	133.5	283.8

Project-29
 TABLE Phase 1 Year (2029) With
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Olive Avenue between State Route 99 Southbound
 Off-Ramp and Madera Avenue
 NOTES: Madera Village D Specific Plan - Phase 1 Year (2029) With
 Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 16437 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES
 DAY EVENING NIGHT
 --- ----- -----

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.35

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	68.8	147.7	317.9

Project-01

TABLE Phase II Year (2039) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Avenue 17 and Project Driveway 3
 NOTES: Madera Village D Specific Plan - Phase II Year (2039)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 4590 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 63.48

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	71.5	138.0	289.1

Project-02

TABLE Phase II Year (2039) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Project Driveway 3 and Avenue 16
 NOTES: Madera Village D Specific Plan - Phase II Year (2039)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 4686 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 63.57

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	72.3	139.7	293.1

Project-03

TABLE Phase II Year (2039) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Avenue 16 and Cleveland Avenue
 NOTES: Madera Village D Specific Plan - Phase II Year (2039)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6515 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 65.00

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	86.0	172.0	364.1

Project-04

TABLE Phase II Year (2039) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Cleveland Avenue and Project Driveway 4
 NOTES: Madera Village D Specific Plan - Phase II Year (2039) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6877 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 65.24

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	88.6	178.1	377.3

Project-05

TABLE Phase II Year (2039) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Project Driveway 4 and Project Driveway 5
NOTES: Madera Village D Specific Plan - Phase II Year (2039) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6334 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 64.88

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	84.7	169.0	357.4

Project-06

TABLE Phase II Year (2039) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Project Driveway 5 and Avenue 14
 1/2
 NOTES: Madera Village D Specific Plan - Phase II Year (2039)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5744 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 64.45

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	80.3	158.8	335.1

Project-07

TABLE Phase II Year (2039) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Avenue 14 1/2 and Avenue 14
 NOTES: Madera Village D Specific Plan - Phase II Year (2039)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5378 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 64.89

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	72.9	150.1	320.1

Project-08

TABLE Phase II Year (2039) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Westberry Boulevard between Sunset Avenue and Avenue 14/Howard Road
 NOTES: Madera Village D Specific Plan - Phase II Year (2039) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5803 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) = 60.33

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	77.4	160.3

Project-09

TABLE Phase II Year (2039) Without

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Granada Drive between Cleveland Avenue and Fresno River

NOTES: Madera Village D Specific Plan - Phase II Year (2039) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 12910 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	91.2	191.0	408.8

Project-10

TABLE Phase II Year (2039) Without

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Granada Drive between Sunset Avenue and Avenue 14/Howard Road

NOTES: Madera Village D Specific Plan - Phase II Year (2039) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8464 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.66

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	70.6	145.0	309.0

Project-11

TABLE Phase II Year (2039) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Avenue 17 between Road 22 and Project Driveway 1
 NOTES: Madera Village D Specific Plan - Phase II Year (2039)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 987 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 56.80

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	109.1

Project-12

TABLE Phase II Year (2039) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Avenue 17 between Project Driveway 1 and Road 23
 NOTES: Madera Village D Specific Plan - Phase II Year (2039)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1003 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 56.87

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	110.2

Project-13

TABLE Phase II Year (2039) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Avenue 17 between Road 23 and Golden State
 Boulevard
 NOTES: Madera Village D Specific Plan - Phase II Year (2039)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 3351 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 62.11

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	61.7	113.8	235.4

Project-14

TABLE Phase II Year (2039) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Avenue 17 between Golden State Boulevard and
 State Route 99 Southbound Off-Ramp
 NOTES: Madera Village D Specific Plan - Phase II Year (2039)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 17771 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 69.36

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
79.4	156.6	330.3	708.1

Project-15

TABLE Phase II Year (2039) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Avenue 16 between Road 22 and Project Driveway
 2/Road 22 1/2
 NOTES: Madera Village D Specific Plan - Phase II Year (2039)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 465 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 55.76

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

TABLE Phase II Year (2039) Without
Project-16
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Avenue 16 between Project Driveway 2/Road 22 1/2
and Road 23
NOTES: Madera Village D Specific Plan - Phase II Year (2039)
Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1920 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.92

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	75.0	161.1

Project-17

TABLE Phase II Year (2039) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Cleveland Avenue between Road 22 1/2 and Road 23
 NOTES: Madera Village D Specific Plan - Phase II Year (2039)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 37 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 44.77

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

Project-18

TABLE Phase II Year (2039) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Road 23 and Project Driveway 6
NOTES: Madera Village D Specific Plan - Phase II Year (2039) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2501 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.07

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	89.3	192.1

Project-19

TABLE Phase II Year (2039) Without

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Cleveland Avenue between Project Driveway 6 and Westberry Boulevard
 NOTES: Madera Village D Specific Plan - Phase II Year (2039) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 3586 SPEED (MPH): 55 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	52.9	113.5	244.1

Project-20

TABLE Phase II Year (2039) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Westberry Boulevard and Granada Drive
NOTES: Madera Village D Specific Plan - Phase II Year (2039) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6005 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): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	53.2	114.1	245.6

Project-21
 TABLE Phase II Year (2039) Without
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Cleveland Avenue between Granada Drive and
 Schnoor Street
 NOTES: Madera Village D Specific Plan - Phase II Year (2039)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 12520 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES
 DAY EVENING NIGHT
 --- ----- -----

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.36

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	89.5	187.2	400.6

Project-22

TABLE Phase II Year (2039) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Schnoor Street and
Fairgrounds
NOTES: Madera Village D Specific Plan - Phase II Year (2039)
Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 17936 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): 36 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.93

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	96.9	197.2	419.2

Project-23

TABLE Phase II Year (2039) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Cleveland Avenue between Fairgrounds and State
 Route 99 Southbound Ramps
 NOTES: Madera Village D Specific Plan - Phase II Year (2039)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 19577 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): 36 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.31

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	102.0	208.7	444.2

Project-24

TABLE Phase II Year (2039) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Sunset Avenue between Granada Drive and Schnoor Street
NOTES: Madera Village D Specific Plan - Phase II Year (2039) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6327 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) = 60.70

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	81.6	169.6

Project-25

TABLE Phase II Year (2039) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Howard Road between Granada Drive and Schnoor Street
 NOTES: Madera Village D Specific Plan - Phase II Year (2039) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 11847 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) = 63.43

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	60.0	120.8	256.1

Project-26

TABLE Phase II Year (2039) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Howard Road between Schnoor Street and Pine Street
 NOTES: Madera Village D Specific Plan - Phase II Year (2039) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 17229 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) = 64.33

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	79.1	156.0	328.9

Project-27

TABLE Phase II Year (2039) Without

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Olive Avenue between Yosemite Avenue and I Street

NOTES: Madera Village D Specific Plan - Phase II Year (2039) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 13688 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) = 64.05

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	65.1	132.5	281.8

Project-28

TABLE Phase II Year (2039) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Olive Avenue between I Street and State Route 99
Southbound Off-Ramp
NOTES: Madera Village D Specific Plan - Phase II Year (2039)
Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 13688 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) = 64.05

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	65.1	132.5	281.8

Project-29

TABLE Phase II Year (2039) Without

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Olive Avenue between State Route 99 Southbound
 Off-Ramp and Madera Avenue
 NOTES: Madera Village D Specific Plan - Phase II Year (2039)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 17626 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.15

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	75.5	156.1	333.2

Project-01
 TABLE Phase II Year (2039) With
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Avenue 17 and Project Driveway 3
 NOTES: Madera Village D Specific Plan - Phase II Year (2039) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 26359 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 71.07

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
98.8	201.5	428.5	920.4

Project-02

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Project Driveway 3 and Avenue 16
NOTES: Madera Village D Specific Plan - Phase II Year (2039) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 18126 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 69.44

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
80.2	158.6	334.6	717.5

Project-03

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Avenue 16 and Cleveland Avenue
NOTES: Madera Village D Specific Plan - Phase II Year (2039) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 18459 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 69.52

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
81.0	160.4	338.6	726.2

Project-04

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Cleveland Avenue and Project Driveway 4
 NOTES: Madera Village D Specific Plan - Phase II Year (2039) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 19935 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 69.86

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
84.4	168.4	356.3	764.3

Project-05

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Project Driveway 4 and Project Driveway 5
 NOTES: Madera Village D Specific Plan - Phase II Year (2039) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 19062 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 69.66

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
82.4	163.7	345.9	741.9

Project-06

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Project Driveway 5 and Avenue 14
1/2
NOTES: Madera Village D Specific Plan - Phase II Year (2039) With
Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 18474 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 69.53

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
81.0	160.5	338.8	726.6

Project-07

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Avenue 14 1/2 and Avenue 14
NOTES: Madera Village D Specific Plan - Phase II Year (2039) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15162 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 69.39

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
68.1	139.3	296.6	637.3

Project-08

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Westberry Boulevard between Sunset Avenue and
Avenue 14/Howard Road

NOTES: Madera Village D Specific Plan - Phase II Year (2039) With
Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6571 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) = 60.87

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	83.5	173.8

Project-09

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Granada Drive between Cleveland Avenue and
Fresno River
NOTES: Madera Village D Specific Plan - Phase II Year (2039) With
Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 13266 SPEED (MPH): 45 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	92.7	194.4	416.3

Project-10

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Granada Drive between Sunset Avenue and Avenue
14/Howard Road
NOTES: Madera Village D Specific Plan - Phase II Year (2039) With
Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8464 SPEED (MPH): 45 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.66

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	70.6	145.0	309.0

Project-11
 TABLE Phase II Year (2039) With
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Avenue 17 between Road 22 and Project Driveway 1
 NOTES: Madera Village D Specific Plan - Phase II Year (2039) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2391 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 60.65

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	93.5	189.2

Project-12

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Avenue 17 between Project Driveway 1 and Road 23
NOTES: Madera Village D Specific Plan - Phase II Year (2039) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 11409 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 67.43

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
63.8	119.0	247.0	527.5

Project-13

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Avenue 17 between Road 23 and Golden State Boulevard
NOTES: Madera Village D Specific Plan - Phase II Year (2039) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 22463 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 70.38

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
90.2	181.8	385.5	827.5

Project-14

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Avenue 17 between Golden State Boulevard and
 State Route 99 Southbound Off-Ramp
 NOTES: Madera Village D Specific Plan - Phase II Year (2039) With
 Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 33915 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 72.17

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
114.7	237.2	506.4	1088.6

Project-15

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Avenue 16 between Road 22 and Project Driveway
2/Road 22 1/2
NOTES: Madera Village D Specific Plan - Phase II Year (2039) With
Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 465 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 55.76

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

Project-16

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Avenue 16 between Project Driveway 2/Road 22 1/2
and Road 23
NOTES: Madera Village D Specific Plan - Phase II Year (2039) With
Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5203 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	67.7	145.3	312.9

Project-17

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Road 22 1/2 and Road 23
NOTES: Madera Village D Specific Plan - Phase II Year (2039) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 221 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 52.53

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

Project-18

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Cleveland Avenue between Road 23 and Project
Driveway 6

NOTES: Madera Village D Specific Plan - Phase II Year (2039) With
Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15868 SPEED (MPH): 55 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
66.1	141.9	305.4	657.7

Project-19

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Project Driveway 6 and Westberry Boulevard
NOTES: Madera Village D Specific Plan - Phase II Year (2039) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 22277 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.56

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
82.7	177.8	382.9	824.6

Project-20
 TABLE Phase II Year (2039) With
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Cleveland Avenue between Westberry Boulevard and Granada Drive
 NOTES: Madera Village D Specific Plan - Phase II Year (2039) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 18071 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): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.45

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
51.5	110.4	237.6	511.6

Project-21

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Granada Drive and Schnoor Street
NOTES: Madera Village D Specific Plan - Phase II Year (2039) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 23756 SPEED (MPH): 45 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.14

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
65.8	134.2	285.5	613.2

Project-22

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Schnoor Street and Fairgrounds
NOTES: Madera Village D Specific Plan - Phase II Year (2039) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 27548 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): 36 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.79

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
66.2	125.1	260.6	557.0

Project-23

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Cleveland Avenue between Fairgrounds and State
 Route 99 Southbound Ramps
 NOTES: Madera Village D Specific Plan - Phase II Year (2039) With
 Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 29725 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): 36 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
-----	-----	-----	-----
68.7	131.1	273.9	585.9

Project-24

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Sunset Avenue between Granada Drive and Schnoor Street

NOTES: Madera Village D Specific Plan - Phase II Year (2039) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6811 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) = 61.02

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	85.3	178.0

Project-25

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Howard Road between Granada Drive and Schnoor Street

NOTES: Madera Village D Specific Plan - Phase II Year (2039) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15223 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) = 64.51

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	69.2	142.0	302.3

Project-26

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Howard Road between Schnoor Street and Pine Street
NOTES: Madera Village D Specific Plan - Phase II Year (2039) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 20605 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) = 65.11

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	87.2	174.8	370.1

Project-27

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Olive Avenue between Yosemite Avenue and I Street
NOTES: Madera Village D Specific Plan - Phase II Year (2039) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15628 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) = 64.63

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	70.3	144.4	307.6

Project-28

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Olive Avenue between I Street and State Route 99
Southbound Off-Ramp
NOTES: Madera Village D Specific Plan - Phase II Year (2039) With
Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15022 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) = 64.46

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	68.7	140.7	299.7

Project-29

TABLE Phase II Year (2039) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Olive Avenue between State Route 99 Southbound
Off-Ramp and Madera Avenue
NOTES: Madera Village D Specific Plan - Phase II Year (2039) With
Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 20492 SPEED (MPH): 35 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	82.7	172.3	368.2

Project-01

TABLE Phase III Year (2049) Without

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Road 23 between Avenue 17 and Project Driveway 3

NOTES: Madera Village D Specific Plan - Phase III Year (2049)

Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 4657 SPEED (MPH): 55 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	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) = 63.54

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	72.1	139.2	291.9

Project-02

TABLE Phase III Year (2049) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Project Driveway 3 and Avenue 16
 NOTES: Madera Village D Specific Plan - Phase III Year (2049)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 4799 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 63.67

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	73.2	141.8	297.7

Project-03

TABLE Phase III Year (2049) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Avenue 16 and Cleveland Avenue
 NOTES: Madera Village D Specific Plan - Phase III Year (2049)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7443 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 65.58

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	92.6	187.3	397.6

Project-04

TABLE Phase III Year (2049) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Cleveland Avenue and Project Driveway 4
 NOTES: Madera Village D Specific Plan - Phase III Year (2049) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7528 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 65.63

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	93.2	188.7	400.6

Project-05

TABLE Phase III Year (2049) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Project Driveway 4 and Project Driveway 5
 NOTES: Madera Village D Specific Plan - Phase III Year (2049) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6714 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 65.13

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	87.4	175.3	371.4

Project-06

TABLE Phase III Year (2049) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Project Driveway 5 and Avenue 14
 1/2
 NOTES: Madera Village D Specific Plan - Phase III Year (2049)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5829 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 64.52

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	80.9	160.3	338.3

Project-07

TABLE Phase III Year (2049) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Avenue 14 1/2 and Avenue 14
 NOTES: Madera Village D Specific Plan - Phase III Year (2049)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5541 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.02

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	74.2	153.0	326.5

Project-08

TABLE Phase III Year (2049) Without

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Westberry Boulevard between Sunset Avenue and Avenue 14/Howard Road
 NOTES: Madera Village D Specific Plan - Phase III Year (2049) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6760 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) = 60.99

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	84.9	177.1

Project-09

TABLE Phase III Year (2049) Without

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Granada Drive between Cleveland Avenue and
Fresno River

NOTES: Madera Village D Specific Plan - Phase III Year (2049)
Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14145 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.89

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	96.5	202.8	434.4

Project-10

TABLE Phase III Year (2049) Without

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Granada Drive between Sunset Avenue and Avenue 14/Howard Road

NOTES: Madera Village D Specific Plan - Phase III Year (2049) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8843 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.85

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	72.4	149.2	318.1

Project-11

TABLE Phase III Year (2049) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Avenue 17 between Road 22 and Project Driveway 1
NOTES: Madera Village D Specific Plan - Phase III Year (2049)
Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1080 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 57.20

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	62.2	115.1

Project-12

TABLE Phase III Year (2049) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Avenue 17 between Project Driveway 1 and Road 23
 NOTES: Madera Village D Specific Plan - Phase III Year (2049)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1103 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 57.29

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	62.8	116.6

Project-13

TABLE Phase III Year (2049) Without

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Avenue 17 between Road 23 and Golden State Boulevard

NOTES: Madera Village D Specific Plan - Phase III Year (2049) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 3440 SPEED (MPH): 55 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	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) = 62.23

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	62.4	115.6	239.4

Project-14

TABLE Phase III Year (2049) Without

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Avenue 17 between Golden State Boulevard and State Route 99 Southbound Off-Ramp

NOTES: Madera Village D Specific Plan - Phase III Year (2049) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 21374 SPEED (MPH): 55 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	EVENING -----	NIGHT -----
AUTOS	75.51	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) = 70.16

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
87.7	176.1	373.0	800.6

Project-15

TABLE Phase III Year (2049) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Avenue 16 between Road 22 and Project Driveway
 2/Road 22 1/2
 NOTES: Madera Village D Specific Plan - Phase III Year (2049)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 470 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 55.81

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	63.3

Project-16

TABLE Phase III Year (2049) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Avenue 16 between Project Driveway 2/Road 22 1/2
 and Road 23
 NOTES: Madera Village D Specific Plan - Phase III Year (2049)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2654 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.32

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	92.9	199.8

Project-17

TABLE Phase III Year (2049) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Cleveland Avenue between Road 22 1/2 and Road 23
 NOTES: Madera Village D Specific Plan - Phase III Year (2049)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 38 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 44.88

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

Project-18

TABLE Phase III Year (2049) Without

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Cleveland Avenue between Road 23 and Project Driveway 6

NOTES: Madera Village D Specific Plan - Phase III Year (2049) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2576 SPEED (MPH): 55 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.19

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	91.1	195.9

Project-19

TABLE Phase III Year (2049) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Project Driveway 6 and Westberry Boulevard
NOTES: Madera Village D Specific Plan - Phase III Year (2049) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 4204 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	58.8	126.1	271.4

Project-20

TABLE Phase III Year (2049) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Cleveland Avenue between Westberry Boulevard and Granada Drive
 NOTES: Madera Village D Specific Plan - Phase III Year (2049) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7068 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): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.38

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	59.3	127.2	273.7

Project-21

TABLE Phase III Year (2049) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Granada Drive and Schnoor Street
NOTES: Madera Village D Specific Plan - Phase III Year (2049) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14044 SPEED (MPH): 45 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	96.1	201.8	432.4

Project-22

TABLE Phase III Year (2049) Without

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Cleveland Avenue between Schnoor Street and Fairgrounds

NOTES: Madera Village D Specific Plan - Phase III Year (2049) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 19364 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): 36 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.26

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	101.3	207.2	441.0

Project-23

TABLE Phase III Year (2049) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Cleveland Avenue between Fairgrounds and State
 Route 99 Southbound Ramps
 NOTES: Madera Village D Specific Plan - Phase III Year (2049)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 21825 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): 36 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.78

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	108.7	223.9	477.4

Project-24

TABLE Phase III Year (2049) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Sunset Avenue between Granada Drive and Schnoor Street
NOTES: Madera Village D Specific Plan - Phase III Year (2049) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6429 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) = 60.77

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	82.3	171.4

Project-25

TABLE Phase III Year (2049) Without

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020

ROADWAY SEGMENT: Howard Road between Granada Drive and Schnoor Street

NOTES: Madera Village D Specific Plan - Phase III Year (2049) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 12395 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) = 63.62

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	61.5	124.3	263.9

Project-26

TABLE Phase III Year (2049) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Howard Road between Schnoor Street and Pine Street
 NOTES: Madera Village D Specific Plan - Phase III Year (2049) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 17544 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) = 64.41

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	79.9	157.8	332.9

Project-27

TABLE Phase III Year (2049) Without
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Olive Avenue between Yosemite Avenue and I Street
 NOTES: Madera Village D Specific Plan - Phase III Year (2049) Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14875 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) = 64.41

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	68.3	139.9	297.7

Project-28

TABLE Phase III Year (2049) Without

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Olive Avenue between I Street and State Route 99
 Southbound Off-Ramp
 NOTES: Madera Village D Specific Plan - Phase III Year (2049)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14875 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) = 64.41

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	68.3	139.9	297.7

Project-29

TABLE Phase III Year (2049) Without

FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Olive Avenue between State Route 99 Southbound
 Off-Ramp and Madera Avenue
 NOTES: Madera Village D Specific Plan - Phase III Year (2049)
 Without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 20783 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	83.5	173.9	371.7

Project-01

TABLE Phase III Year (2049) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Road 23 between Avenue 17 and Project Driveway 3
 NOTES: Madera Village D Specific Plan - Phase III Year (2049)
 With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 40835 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 72.97

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
128.4	267.8	572.8	1231.9

Project-02

TABLE Phase III Year (2049) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Project Driveway 3 and Avenue 16
NOTES: Madera Village D Specific Plan - Phase III Year (2049)
With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 34312 SPEED (MPH) : 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 72.22

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
115.5	239.1	510.3	1097.1

Project-03

TABLE Phase III Year (2049) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Avenue 16 and Cleveland Avenue
NOTES: Madera Village D Specific Plan - Phase III Year (2049)
With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 37711 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 72.63

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
122.3	254.2	543.3	1168.3

TABLE Phase III Year (2049) With
Project-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Cleveland Avenue and Project Driveway 4
NOTES: Madera Village D Specific Plan - Phase III Year (2049) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 38592 SPEED (MPH): 55 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES		
DAY	EVENING	NIGHT
---	-----	-----

AUTOS	75.51	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) = 72.73

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
124.0	258.1	551.7	1186.4

Project-05

TABLE Phase III Year (2049) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Project Driveway 4 and Project Driveway 5
NOTES: Madera Village D Specific Plan - Phase III Year (2049) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 34442 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 72.23

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
115.7	239.6	511.6	1099.9

TABLE Phase III Year (2049) With
Project-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Project Driveway 5 and Avenue 14
1/2
NOTES: Madera Village D Specific Plan - Phase III Year (2049)
With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 33919 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 72.17

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
114.7	237.3	506.4	1088.7

Project-07

TABLE Phase III Year (2049) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Road 23 between Avenue 14 1/2 and Avenue 14
NOTES: Madera Village D Specific Plan - Phase III Year (2049)
With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 27111 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 71.91

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
96.9	203.6	436.2	938.5

Project-08

TABLE Phase III Year (2049) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Westberry Boulevard between Sunset Avenue and Avenue 14/Howard Road
NOTES: Madera Village D Specific Plan - Phase III Year (2049) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7932 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) = 61.68

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	93.7	196.7

Project-09

TABLE Phase III Year (2049) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Granada Drive between Cleveland Avenue and
Fresno River
NOTES: Madera Village D Specific Plan - Phase III Year (2049)
With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14501 SPEED (MPH): 45 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	98.0	206.1	441.7

TABLE Phase III Year (2049) With
Project-10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Granada Drive between Sunset Avenue and Avenue
14/Howard Road
NOTES: Madera Village D Specific Plan - Phase III Year (2049)
With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8843 SPEED (MPH): 45 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.85

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	72.4	149.2	318.1

Project-11

TABLE Phase III Year (2049) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Avenue 17 between Road 22 and Project Driveway 1
 NOTES: Madera Village D Specific Plan - Phase III Year (2049)
 With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2577 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 60.97

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	97.5	198.6

Project-12

TABLE Phase III Year (2049) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Avenue 17 between Project Driveway 1 and Road 23
NOTES: Madera Village D Specific Plan - Phase III Year (2049)
With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 11740 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 67.56

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
64.6	121.1	251.6	537.6

Project-13

TABLE Phase III Year (2049) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Avenue 17 between Road 23 and Golden State
Boulevard
NOTES: Madera Village D Specific Plan - Phase III Year (2049)
With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 29098 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 71.50

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
104.7	214.8	457.5	983.1

Project-14

TABLE Phase III Year (2049) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Avenue 17 between Golden State Boulevard and
 State Route 99 Southbound Off-Ramp
 NOTES: Madera Village D Specific Plan - Phase III Year (2049)
 With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 41730 SPEED (MPH): 55 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
	---	-----	-----
AUTOS	75.51	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) = 73.07

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
130.1	271.7	581.1	1249.8

Project-15

TABLE Phase III Year (2049) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Avenue 16 between Road 22 and Project Driveway
2/Road 22 1/2
NOTES: Madera Village D Specific Plan - Phase III Year (2049)
With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 708 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.59

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	83.0

Project-16

TABLE Phase III Year (2049) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Avenue 16 between Project Driveway 2/Road 22 1/2
and Road 23
NOTES: Madera Village D Specific Plan - Phase III Year (2049)
With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 12657 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.11

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
56.9	122.1	262.7	565.7

Project-17

TABLE Phase III Year (2049) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Cleveland Avenue between Road 22 1/2 and Road 23
 NOTES: Madera Village D Specific Plan - Phase III Year (2049)
 With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 34721 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.49

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
111.1	239.0	514.6	1108.5

Project-18

TABLE Phase III Year (2049) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Road 23 and Project Driveway 6
NOTES: Madera Village D Specific Plan - Phase III Year (2049) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 28566 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
97.6	209.8	451.9	973.3

Project-19

TABLE Phase III Year (2049) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Project Driveway 6 and
Westberry Boulevard
NOTES: Madera Village D Specific Plan - Phase III Year (2049)
With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 33732 SPEED (MPH): 55 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
109.0	234.4	504.8	1087.3

Project-20
 TABLE Phase III Year (2049) With
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
 ROADWAY SEGMENT: Cleveland Avenue between Westberry Boulevard and
 Granada Drive
 NOTES: Madera Village D Specific Plan - Phase III Year (2049)
 With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 25990 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): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.03

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
65.5	140.6	302.7	651.8

Project-21

TABLE Phase III Year (2049) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Granada Drive and Schnoor Street
NOTES: Madera Village D Specific Plan - Phase III Year (2049) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 31378 SPEED (MPH): 45 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.35

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
77.6	160.8	343.3	738.0

Project-22

TABLE Phase III Year (2049) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Schnoor Street and Fairgrounds
NOTES: Madera Village D Specific Plan - Phase III Year (2049) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 34078 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): 36 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.71

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
73.5	142.7	299.5	641.6

Project-23

TABLE Phase III Year (2049) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Cleveland Avenue between Fairgrounds and State
Route 99 Southbound Ramps
NOTES: Madera Village D Specific Plan - Phase III Year (2049)
With 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): 36 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.06

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
76.6	150.0	315.8	676.7

Project-24

TABLE Phase III Year (2049) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Sunset Avenue between Granada Drive and Schnoor Street
NOTES: Madera Village D Specific Plan - Phase III Year (2049) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7861 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) = 61.64

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	93.2	195.5

TABLE Phase III Year (2049) With
Project-25
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Howard Road between Granada Drive and Schnoor Street
NOTES: Madera Village D Specific Plan - Phase III Year (2049) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 21319 SPEED (MPH): 35 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.98

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	84.8	176.8	378.0

Project-26

TABLE Phase III Year (2049) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Howard Road between Schnoor Street and Pine Street
NOTES: Madera Village D Specific Plan - Phase III Year (2049) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 26468 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) = 66.20

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	100.5	205.3	436.8

Project-27

TABLE Phase III Year (2049) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Olive Avenue between Yosemite Avenue and I Street
NOTES: Madera Village D Specific Plan - Phase III Year (2049) With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 21429 SPEED (MPH): 35 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.00

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	85.0	177.4	379.3

Project-28

TABLE Phase III Year (2049) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Olive Avenue between I Street and State Route 99
Southbound Off-Ramp
NOTES: Madera Village D Specific Plan - Phase III Year (2049)
With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 19877 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) = 65.67

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	81.2	168.9	360.8

Project-29

TABLE Phase III Year (2049) With
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 02/27/2020
ROADWAY SEGMENT: Olive Avenue between State Route 99 Southbound
Off-Ramp and Madera Avenue
NOTES: Madera Village D Specific Plan - Phase III Year (2049)
With Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 27519 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) = 67.09

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	99.3	209.0	447.9