

**Appendix F:
Noise Supporting Information**

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TABLE Existing-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022
ROADWAY SEGMENT: Dublin Canyon Road - west of Foothill Road
NOTES: Pleasanton Housing Element Update - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 11400 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	
DAY	NIGHT
---	-----
AUTOS	
88.08	9.34
M-TRUCKS	
1.65	0.19
H-TRUCKS	
0.66	0.08

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.32

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	50.5	108.1	232.6

TABLE Existing-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Foothill Road - Dublin Canyon Road to Stoneridge Drive

NOTES: Pleasanton Housing Element Update - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 22400 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
163.6	349.4	751.3	1617.5

TABLE Existing-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Foothill Road - Las Positas Boulevard to Bernal Avenue

NOTES: Pleasanton Housing Element Update - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 9400 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	
DAY	NIGHT
---	-----
AUTOS	
82.40	9.60
M-TRUCKS	
1.50	1.50
H-TRUCKS	
2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.69

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
93.8	196.9	421.6	906.9

TABLE Existing-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022
ROADWAY SEGMENT: Hopyard Road - Owens Drive to Stonerdige Drive
NOTES: Pleasanton Housing Element Update - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 23900 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	
DAY	NIGHT
---	-----
AUTOS	
82.40	9.60
M-TRUCKS	
1.50	1.50
H-TRUCKS	
2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 75.02

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
172.6	365.4	784.0	1687.4

TABLE Existing-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022
ROADWAY SEGMENT: Hacienda Drive - I-580 to Owens Drive
NOTES: Pleasanton Housing Element Update - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 29300 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 75.01

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
172.4	364.8	782.9	1684.9

TABLE Existing-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022
ROADWAY SEGMENT: Hacienda Drive - Owens Drive to Stoneridge Drive
NOTES: Pleasanton Housing Element Update - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15200 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	
DAY	NIGHT
---	-----
AUTOS	
82.40	9.60
M-TRUCKS	
1.50	1.50
H-TRUCKS	
2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.16

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
114.6	237.2	506.2	1088.2

TABLE Existing-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Old Santa Rita Road - Rosewood Drive to Santa Rita Road

NOTES: Pleasanton Housing Element Update - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1200 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	
DAY	NIGHT
---	-----
AUTOS	
88.08	9.34
M-TRUCKS	
1.65	0.19
H-TRUCKS	
0.66	0.08

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 53.96

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	53.2

TABLE Existing-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Pimlico Drive - Santa Rita Road to Brockton Drive

NOTES: Pleasanton Housing Element Update - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 9000 SPEED (MPH): 30 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	
DAY	NIGHT
---	-----
AUTOS	
88.08	9.34
M-TRUCKS	
1.65	0.19
H-TRUCKS	
0.66	0.08

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	73.2	156.0

TABLE Existing-09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Stoneridge Drive - Foothill Road to Stoneridge Mall Road

NOTES: Pleasanton Housing Element Update - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 10900 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.44

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
90.5	189.5	405.7	872.6

TABLE Existing-10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Stoneridge Drive - Hacienda Drive to Gibraltar Drive

NOTES: Pleasanton Housing Element Update - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15800 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.05

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
114.3	242.0	519.2	1117.4

TABLE Existing-11
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022
ROADWAY SEGMENT: Stoneridge Drive - Santa Rita Road to Kamp Drive
NOTES: Pleasanton Housing Element Update - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 20300 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	
DAY	NIGHT
---	-----
AUTOS	
82.40	9.60
M-TRUCKS	
1.50	1.50
H-TRUCKS	
2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.14

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
115.9	245.4	526.6	1133.3

TABLE Existing-12
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Santa Rita Road - Stoneridge Drive to Valley Avenue

NOTES: Pleasanton Housing Element Update - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 40200 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 77.28

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
241.4	515.5	1108.3	2386.2

TABLE Existing-13
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022
ROADWAY SEGMENT: Valley Avenue - Greenwood Road to Santa Rita Road
NOTES: Pleasanton Housing Element Update - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 16900 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	
DAY	NIGHT
---	-----
AUTOS	
82.40	9.60
M-TRUCKS	
1.50	1.50
H-TRUCKS	
2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.35

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
103.2	217.4	466.1	1003.0

TABLE Existing-14
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022
ROADWAY SEGMENT: Valley Avenue - Busch Road to Stanley Boulevard
NOTES: Pleasanton Housing Element Update - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 20300 SPEED (MPH): 40 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES	
	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.14

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
134.3	285.6	613.4	1320.5

TABLE Existing-15
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022
ROADWAY SEGMENT: Busch Road - east of Valley Avenue
NOTES: Pleasanton Housing Element Update - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2300 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	
DAY	NIGHT
---	-----
AUTOS	
88.08	9.34
M-TRUCKS	
1.65	0.19
H-TRUCKS	
0.66	0.08

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 55.86

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	83.4

TABLE Existing-16
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022
ROADWAY SEGMENT: First Street - Abbie Street to Bernal Avenue
NOTES: Pleasanton Housing Element Update - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 16500 SPEED (MPH): 25 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	
DAY	NIGHT
---	-----
AUTOS	
82.40	9.60
M-TRUCKS	
1.50	1.50
H-TRUCKS	
2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.73

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
69.0	147.0	315.7	679.6

TABLE Existing-17
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Sunol Boulevard - Valley Avenue to Sycamore Road

NOTES: Pleasanton Housing Element Update - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 17900 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.59

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
123.8	262.8	564.2	1214.3

TABLE Existing-18
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Bernal Avenue - First Street to Hearst Drive

NOTES: Pleasanton Housing Element Update - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 12200 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	NIGHT -----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.85

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
81.7	174.5	375.3	808.0

TABLE Existing plus Project-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022
ROADWAY SEGMENT: Dublin Canyon Road - west of Foothill Road
NOTES: Pleasanton Housing Element Update - Existing plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 11900 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	
DAY	NIGHT
---	-----
AUTOS	
88.08	9.34
M-TRUCKS	
1.65	0.19
H-TRUCKS	
0.66	0.08

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.50

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	51.9	111.3	239.4

TABLE Existing plus Project-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Foothill Road - Dublin Canyon Road to Stoneridge Drive

NOTES: Pleasanton Housing Element Update - Existing plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 24800 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 75.90

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
174.9	373.8	803.9	1731.1

TABLE Existing plus Project-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Foothill Road - Las Positas Boulevard to Bernal Avenue

NOTES: Pleasanton Housing Element Update - Existing plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 10300 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	
DAY	NIGHT
---	-----
AUTOS	
82.40	9.60
M-TRUCKS	
1.50	1.50
H-TRUCKS	
2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.09

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
99.4	209.1	448.0	963.9

TABLE Existing plus Project-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Hopyard Road - Owens Drive to Stonerdige Drive

NOTES: Pleasanton Housing Element Update - Existing plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 28500 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	
DAY	NIGHT
---	-----
AUTOS	
82.40	9.60
M-TRUCKS	
1.50	1.50
H-TRUCKS	
2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 75.79

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
193.2	410.5	881.4	1897.4

TABLE Existing plus Project-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Hacienda Drive - I-580 to Owens Drive

NOTES: Pleasanton Housing Element Update - Existing plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 30600 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	NIGHT -----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 75.20

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
177.2	375.4	805.8	1734.3

TABLE Existing plus Project-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Hacienda Drive - Owens Drive to Stoneridge Drive

NOTES: Pleasanton Housing Element Update - Existing plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 16400 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.49

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
120.0	249.2	532.4	1144.6

TABLE Existing plus Project-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Old Santa Rita Road - Rosewood Drive to Santa Rita Road

NOTES: Pleasanton Housing Element Update - Existing plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1600 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	
DAY	NIGHT
---	-----
AUTOS	
88.08	9.34
M-TRUCKS	
1.65	0.19
H-TRUCKS	
0.66	0.08

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 55.21

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	63.9

TABLE Existing plus Project-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Pimlico Drive - Santa Rita Road to Brockton Drive

NOTES: Pleasanton Housing Element Update - Existing plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 10400 SPEED (MPH): 30 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	88.08	9.34
M-TRUCKS	1.65	0.19
H-TRUCKS	0.66	0.08

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	80.4	171.7

TABLE Existing plus Project-09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Stoneridge Drive - Foothill Road to Stoneridge Mall Road

NOTES: Pleasanton Housing Element Update - Existing plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 11400 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.63

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
93.1	195.2	417.9	899.0

TABLE Existing plus Project-10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Stoneridge Drive - Hacienda Drive to Gibraltar Drive

NOTES: Pleasanton Housing Element Update - Existing plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 18100 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
124.7	264.7	568.3	1223.4

TABLE Existing plus Project-11
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Stoneridge Drive - Santa Rita Road to Kamp Drive

NOTES: Pleasanton Housing Element Update - Existing plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 21600 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	NIGHT -----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
120.6	255.7	548.8	1181.2

TABLE Existing plus Project-12
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Santa Rita Road - Stoneridge Drive to Valley Avenue

NOTES: Pleasanton Housing Element Update - Existing plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 43200 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	
DAY	NIGHT
---	-----
AUTOS	
82.40	9.60
M-TRUCKS	
1.50	1.50
H-TRUCKS	
2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 77.59

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
253.0	540.7	1162.7	2503.5

TABLE Existing plus Project-13
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Valley Avenue - Greenwood Road to Santa Rita Road

NOTES: Pleasanton Housing Element Update - Existing plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 17800 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
106.6	225.0	482.5	1038.3

TABLE Existing plus Project-14
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Valley Avenue - Busch Road to Stanley Boulevard

NOTES: Pleasanton Housing Element Update - Existing plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 21400 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
138.9	295.7	635.4	1367.8

TABLE Existing plus Project-15
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022
ROADWAY SEGMENT: Busch Road - east of Valley Avenue
NOTES: Pleasanton Housing Element Update - Existing plus Project

* * ASSUMPTIONS * *

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

TRAFFIC DISTRIBUTION PERCENTAGES	
DAY	NIGHT
---	-----
AUTOS	
88.08	9.34
M-TRUCKS	
1.65	0.19
H-TRUCKS	
0.66	0.08

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	72.8	149.9

TABLE Existing plus Project-16
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022
ROADWAY SEGMENT: First Street - Abbie Street to Bernal Avenue
NOTES: Pleasanton Housing Element Update - Existing plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 17900 SPEED (MPH): 25 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	
DAY	NIGHT
---	-----
AUTOS	
82.40	9.60
M-TRUCKS	
1.50	1.50
H-TRUCKS	
2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
72.8	155.1	333.3	717.5

TABLE Existing plus Project-17
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Sunol Boulevard - Valley Avenue to Sycamore Road

NOTES: Pleasanton Housing Element Update - Existing plus Project

* * ASSUMPTIONS * *

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

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
139.8	297.6	639.3	1376.3

TABLE Existing plus Project-18
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Bernal Avenue - First Street to Hearst Drive

NOTES: Pleasanton Housing Element Update - Existing plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 13600 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	
DAY	NIGHT
---	-----
AUTOS	
82.40	9.60
M-TRUCKS	
1.50	1.50
H-TRUCKS	
2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
87.7	187.6	403.4	868.7

TABLE Cumulative-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022
ROADWAY SEGMENT: Dublin Canyon Road - west of Foothill Road
NOTES: Pleasanton Housing Element Update - Cumulative

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 12500 SPEED (MPH): 35 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES	
	DAY	NIGHT
	---	-----
AUTOS	88.08	9.34
M-TRUCKS	1.65	0.19
H-TRUCKS	0.66	0.08

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	53.6	115.0	247.4

TABLE Cumulative-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Foothill Road - Dublin Canyon Road to Stoneridge Drive

NOTES: Pleasanton Housing Element Update - Cumulative

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 29500 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 76.66

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
195.9	419.5	902.5	1943.4

TABLE Cumulative-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Foothill Road - Las Positas Boulevard to Bernal Avenue

NOTES: Pleasanton Housing Element Update - Cumulative

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 11200 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.45

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
104.7	220.9	473.6	1019.2

TABLE Cumulative-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022
ROADWAY SEGMENT: Hopyard Road - Owens Drive to Stonerdige Drive
NOTES: Pleasanton Housing Element Update - Cumulative

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 34700 SPEED (MPH): 45 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES	
	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 76.64

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
219.4	467.6	1004.8	2163.3

TABLE Cumulative-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022
ROADWAY SEGMENT: Hacienda Drive - I-580 to Owens Drive
NOTES: Pleasanton Housing Element Update - Cumulative

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 46900 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 77.06

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
233.4	498.1	1070.7	2305.3

TABLE Cumulative-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Hacienda Drive - Owens Drive to Stoneridge Drive

NOTES: Pleasanton Housing Element Update - Cumulative

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 22400 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
145.4	305.7	654.8	1408.9

TABLE Cumulative-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Old Santa Rita Road - Rosewood Drive to Santa Rita Road

NOTES: Pleasanton Housing Element Update - Cumulative

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1700 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	
DAY	NIGHT
---	-----
AUTOS	
88.08	9.34
M-TRUCKS	
1.65	0.19
H-TRUCKS	
0.66	0.08

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 55.47

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	66.5

TABLE Cumulative-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Pimlico Drive - Santa Rita Road to Brockton Drive

NOTES: Pleasanton Housing Element Update - Cumulative

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 10500 SPEED (MPH): 30 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	NIGHT -----
AUTOS	88.08	9.34
M-TRUCKS	1.65	0.19
H-TRUCKS	0.66	0.08

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.79

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	80.9	172.8

TABLE Cumulative-09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Stoneridge Drive - Foothill Road to Stoneridge Mall Road

NOTES: Pleasanton Housing Element Update - Cumulative

* * ASSUMPTIONS * *

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

TRAFFIC DISTRIBUTION PERCENTAGES	
DAY	NIGHT
---	-----
AUTOS	
82.40	9.60
M-TRUCKS	
1.50	1.50
H-TRUCKS	
2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
110.6	233.8	501.6	1079.4

TABLE Cumulative-10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Stoneridge Drive - Hacienda Drive to Gibraltar Drive

NOTES: Pleasanton Housing Element Update - Cumulative

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 26600 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	NIGHT -----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 75.31

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
160.0	341.6	734.4	1581.2

TABLE Cumulative-11
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Stoneridge Drive - Santa Rita Road to Kamp Drive

NOTES: Pleasanton Housing Element Update - Cumulative

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 21500 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.39

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
120.2	254.9	547.1	1177.5

TABLE Cumulative-12
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022
ROADWAY SEGMENT: Santa Rita Road - Stoneridge Drive to Valley Avenue
NOTES: Pleasanton Housing Element Update - Cumulative

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 47300 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	
DAY	NIGHT
---	-----
AUTOS	
82.40	9.60
M-TRUCKS	
1.50	1.50
H-TRUCKS	
2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 77.99

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
268.5	574.3	1235.1	2659.4

TABLE Cumulative-13
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Valley Avenue - Greenwood Road to Santa Rita Road

NOTES: Pleasanton Housing Element Update - Cumulative

* * ASSUMPTIONS * *

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

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	NIGHT -----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.08

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
114.8	243.0	521.4	1122.1

TABLE Cumulative-14
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022
ROADWAY SEGMENT: Valley Avenue - Busch Road to Stanley Boulevard
NOTES: Pleasanton Housing Element Update - Cumulative

* * ASSUMPTIONS * *

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

TRAFFIC DISTRIBUTION PERCENTAGES	
DAY	NIGHT
---	-----
AUTOS	
82.40	9.60
M-TRUCKS	
1.50	1.50
H-TRUCKS	
2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
139.8	297.6	639.3	1376.3

TABLE Cumulative-15
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022
ROADWAY SEGMENT: Busch Road - east of Valley Avenue
NOTES: Pleasanton Housing Element Update - Cumulative

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15700 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	
DAY	NIGHT
---	-----
AUTOS	
88.08	9.34
M-TRUCKS	
1.65	0.19
H-TRUCKS	
0.66	0.08

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	66.4	135.5	288.3

TABLE Cumulative-16
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022
ROADWAY SEGMENT: First Street - Abbie Street to Bernal Avenue
NOTES: Pleasanton Housing Element Update - Cumulative

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 19100 SPEED (MPH): 25 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
75.9	161.9	348.0	749.3

TABLE Cumulative-17
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022
ROADWAY SEGMENT: Sunol Boulevard - Valley Avenue to Sycamore Road
NOTES: Pleasanton Housing Element Update - Cumulative

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 27500 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	
DAY	NIGHT
---	-----
AUTOS	
82.40	9.60
M-TRUCKS	
1.50	1.50
H-TRUCKS	
2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
163.5	349.2	750.8	1616.7

TABLE Cumulative-18
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Bernal Avenue - First Street to Hearst Drive

NOTES: Pleasanton Housing Element Update - Cumulative

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 17700 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.47

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
104.3	223.5	480.8	1035.4

TABLE Cumulative plus Project-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Dublin Canyon Road - west of Foothill Road

NOTES: Pleasanton Housing Element Update - Cumulative plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 13000 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	NIGHT -----
AUTOS	88.08	9.34
M-TRUCKS	1.65	0.19
H-TRUCKS	0.66	0.08

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.89

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	55.0	118.0	253.9

TABLE Cumulative plus Project-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Foothill Road - Dublin Canyon Road to Stoneridge Drive

NOTES: Pleasanton Housing Element Update - Cumulative plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 31400 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	NIGHT -----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 76.93

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
204.1	437.3	940.8	2025.9

TABLE Cumulative plus Project-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Foothill Road - Las Positas Boulevard to Bernal Avenue

NOTES: Pleasanton Housing Element Update - Cumulative plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 12000 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	NIGHT -----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.75

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
109.4	231.2	495.9	1067.1

TABLE Cumulative plus Project-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Hopyard Road - Owens Drive to Stonerdige Drive

NOTES: Pleasanton Housing Element Update - Cumulative plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 35800 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 76.78

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
223.9	477.4	1025.9	2208.8

TABLE Cumulative plus Project-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Hacienda Drive - I-580 to Owens Drive

NOTES: Pleasanton Housing Element Update - Cumulative plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 49300 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	NIGHT -----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 77.27

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
241.1	514.9	1106.9	2383.2

TABLE Cumulative plus Project-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Hacienda Drive - Owens Drive to Stoneridge Drive

NOTES: Pleasanton Housing Element Update - Cumulative plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 23500 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.05

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
149.9	315.5	676.0	1454.6

TABLE Cumulative plus Project-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Old Santa Rita Road - Rosewood Drive to Santa Rita Road

NOTES: Pleasanton Housing Element Update - Cumulative plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2100 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	
DAY	NIGHT
---	-----
AUTOS	
88.08	9.34
M-TRUCKS	
1.65	0.19
H-TRUCKS	
0.66	0.08

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 56.39

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	76.2

TABLE Cumulative plus Project-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Pimlico Drive - Santa Rita Road to Brockton Drive

NOTES: Pleasanton Housing Element Update - Cumulative plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 11000 SPEED (MPH): 30 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	88.08	9.34
M-TRUCKS	1.65	0.19
H-TRUCKS	0.66	0.08

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.99

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	83.4	178.2

TABLE Cumulative plus Project-09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Stoneridge Drive - Foothill Road to Stoneridge Mall Road

NOTES: Pleasanton Housing Element Update - Cumulative plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15200 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.88

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
111.5	235.9	506.0	1089.0

TABLE Cumulative plus Project-10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Stoneridge Drive - Hacienda Drive to Gibraltar Drive

NOTES: Pleasanton Housing Element Update - Cumulative plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 28200 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 75.57

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
166.2	355.1	763.5	1644.0

TABLE Cumulative plus Project-11
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Stoneridge Drive - Santa Rita Road to Kamp Drive

NOTES: Pleasanton Housing Element Update - Cumulative plus Project

* * ASSUMPTIONS * *

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

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.82

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
128.0	271.8	583.7	1256.5

TABLE Cumulative plus Project-12
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Santa Rita Road - Stoneridge Drive to Valley Avenue

NOTES: Pleasanton Housing Element Update - Cumulative plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 50100 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 78.24

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
278.8	596.6	1283.3	2763.4

TABLE Cumulative plus Project-13
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Valley Avenue - Greenwood Road to Santa Rita Road

NOTES: Pleasanton Housing Element Update - Cumulative plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 21900 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	NIGHT -----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.47

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
121.6	258.0	553.8	1192.1

TABLE Cumulative plus Project-14
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Valley Avenue - Busch Road to Stanley Boulevard

NOTES: Pleasanton Housing Element Update - Cumulative plus Project

* * ASSUMPTIONS * *

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

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY ---	NIGHT -----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.59

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
143.5	305.7	656.9	1414.3

TABLE Cumulative plus Project-15
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Busch Road - east of Valley Avenue

NOTES: Pleasanton Housing Element Update - Cumulative plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 17500 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	88.08	9.34
M-TRUCKS	1.65	0.19
H-TRUCKS	0.66	0.08

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	70.8	145.4	309.8

TABLE Cumulative plus Project-16
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: First Street - Abbie Street to Bernal Avenue

NOTES: Pleasanton Housing Element Update - Cumulative plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 20600 SPEED (MPH): 25 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.69

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
79.7	170.2	366.0	788.0

TABLE Cumulative plus Project-17
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Sunol Boulevard - Valley Avenue to Sycamore Road

NOTES: Pleasanton Housing Element Update - Cumulative plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 30900 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 75.96

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
176.5	377.3	811.5	1747.3

TABLE Cumulative plus Project-18
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 08/23/2022

ROADWAY SEGMENT: Bernal Avenue - First Street to Hearst Drive

NOTES: Pleasanton Housing Element Update - Cumulative plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 18600 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
	---	-----
AUTOS	82.40	9.60
M-TRUCKS	1.50	1.50
H-TRUCKS	2.50	2.50

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

* * CALCULATED NOISE LEVELS * *

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.69

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
107.8	231.0	497.0	1070.2