

**APPENDIX C**

**NOISE MODELING DATA**



TABLE Existing (2014)-01  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
 ROADWAY SEGMENT: Cleveland Avenue - north of Washington Avenue  
 NOTES: Albany General Plan - Existing (2014)

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 6600    SPEED (MPH): 25    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) = 58.52

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	95.7

TABLE Existing (2014)-02  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
 ROADWAY SEGMENT: Pierce Street - north of Washington Avenue  
 NOTES: Albany General Plan - Existing (2014)

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4100    SPEED (MPH): 20    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) = 54.27

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

TABLE Existing (2014)-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Eastshore Highway - south of Buchanan Street  
NOTES: Albany General Plan - Existing (2014)

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 5500    SPEED (MPH): 25    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) = 57.72

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	0.0	84.8

TABLE Existing (2014)-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Buchanan Street - between Fillmore and Taylor Streets  
NOTES: Albany General Plan - Existing (2014)

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 29600    SPEED (MPH): 25    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) = 63.53

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	60.8	122.7	260.2

TABLE Existing (2014)-05  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Jackson Street - between Portland Avenue and  
Castro Street  
NOTES: Albany General Plan - Existing (2014)

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 3900    SPEED (MPH): 25    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) = 56.23

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	0.0	67.5

TABLE Existing (2014)-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: San Pablo Avenue - between Portland and Garfield  
Avenues  
NOTES: Albany General Plan - Existing (2014)

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 24700    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): 21    SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.38

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	86.4	181.7	389.3

TABLE Existing (2014)-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: San Pablo Avenue - between Buchanan Street and Solano Avenue  
NOTES: Albany General Plan - Existing (2014)

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 23500    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): 21    SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.16

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn	70 Ldn	65 Ldn	60 Ldn	55 Ldn
	-----	-----	-----	-----
0.0	83.7	175.9	376.7	

TABLE Existing (2014)-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: San Pablo Avenue - between Monroe and Dartmouth Streets  
NOTES: Albany General Plan - Existing (2014)

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 23500    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): 21    SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.16

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn	70 Ldn	65 Ldn	60 Ldn	55 Ldn
	-----	-----	-----	-----
0.0	83.7	175.9	376.7	

TABLE Existing (2014)-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Brighton Avenue - between Stannage and Cornell  
Avenues  
NOTES: Albany General Plan - Existing (2014)

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 3500    SPEED (MPH): 25    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) = 55.76

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	62.9

TABLE Existing (2014)-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Solano Avenue - between Stannage and Cornell  
Avenues  
NOTES: Albany General Plan - Existing (2014)

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 10400    SPEED (MPH): 25    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) = 60.49

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	60.3	129.4

TABLE Existing (2014)-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Marin Avenue - between Stannage and Cornell  
Avenues  
NOTES: Albany General Plan - Existing (2014)

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 19000    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) = 64.36

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn	70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	56.4	119.4	256.2	

TABLE Existing (2014)-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Masonic Avenue - between Dartmouth Street and  
Marin Avenue  
NOTES: Albany General Plan - Existing (2014)

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 3800    SPEED (MPH): 25    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) = 56.12

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



TABLE Existing (2014)-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Key Route Boulevard - between Portland Avenue  
and Thousand Oaks Boulevard  
NOTES: Albany General Plan - Existing (2014)

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 5200    SPEED (MPH): 15    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) = 51.13

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

TABLE Existing (2014)-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Solano Avenue - between Santa Fe Avenue and  
Curtis Street  
NOTES: Albany General Plan - Existing (2014)

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 9700    SPEED (MPH): 25    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) = 60.19

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	57.6	123.6

TABLE Existing (2014)-15  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Marin Avenue - between Santa Fe Avenue and  
Curtis Street  
NOTES: Albany General Plan - Existing (2014)

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 17600    SPEED (MPH): 25    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) = 62.20

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	86.0	183.9

TABLE Existing (2014)-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: I-80 - south of Buchanan Street  
NOTES: Albany General Plan - Existing (2014)

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 193100    SPEED (MPH): 65    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): 48    SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 80.49

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
429.9	921.4	1982.6	4269.6

TABLE Existing (2014)-17  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
 ROADWAY SEGMENT: I-80 - north of Buchanan Street  
 NOTES: Albany General Plan - Existing (2014)

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 118900    SPEED (MPH): 65    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): 48    SITE CHARACTERISTICS: SOFT

\*\*\* CALCULATED NOISE LEVELS \*\*\*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 78.38

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
312.9	667.7	1435.4	3090.4

TABLE Existing (2014)-18  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
 ROADWAY SEGMENT: I-580 - north of Buchanan Street  
 NOTES: Albany General Plan - Existing (2014)

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 76500    SPEED (MPH): 65    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): 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
233.5	498.1	1070.8	2305.5

TABLE 2040 No Project-01  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Cleveland Avenue - north of Washington Avenue  
NOTES: Albany General Plan - 2040 No Project

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 7800    SPEED (MPH): 25    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) = 59.24

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	0.0	106.9

TABLE 2040 No Project-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Pierce Street - north of Washington Avenue  
NOTES: Albany General Plan - 2040 No Project

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 4100    SPEED (MPH): 20    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) = 54.27

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

TABLE 2040 No Project-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Eastshore Highway - south of Buchanan Street  
NOTES: Albany General Plan - 2040 No Project

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 8200    SPEED (MPH): 25    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) = 59.46

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	51.6	110.5

TABLE 2040 No Project-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Buchanan Street - between Fillmore and Taylor Streets  
NOTES: Albany General Plan - 2040 No Project

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 32100    SPEED (MPH): 25    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) = 63.88

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	63.6	129.2	274.5

TABLE 2040 No Project-05  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Jackson Street - between Portland Avenue and  
Castro Street  
NOTES: Albany General Plan - 2040 No Project

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 4200    SPEED (MPH): 25    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) = 56.55

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	70.9

TABLE 2040 No Project-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: San Pablo Avenue - between Portland and Garfield  
Avenues  
NOTES: Albany General Plan - 2040 No Project

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 27500    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): 21    SITE CHARACTERISTICS: SOFT

\*\*\* CALCULATED NOISE LEVELS \*\*\*

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	92.4	195.0	418.2

TABLE 2040 No Project-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: San Pablo Avenue - between Buchanan Street and Solano Avenue  
NOTES: Albany General Plan - 2040 No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 25000    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): 21    SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.43

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	87.0	183.2	392.5

TABLE 2040 No Project-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: San Pablo Avenue - between Monroe and Dartmouth Streets  
NOTES: Albany General Plan - 2040 No Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 27500    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): 21    SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	92.4	195.0	418.2

TABLE 2040 No Project-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Brighton Avenue - between Stannage and Cornell  
Avenues  
NOTES: Albany General Plan - 2040 No Project

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 3800    SPEED (MPH): 25    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) = 56.12

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

TABLE 2040 No Project-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Solano Avenue - between Stannage and Cornell  
Avenues  
NOTES: Albany General Plan - 2040 No Project

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 10900    SPEED (MPH): 25    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) = 60.70

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	62.2	133.5



TABLE 2040 No Project-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Marin Avenue - between Stannage and Cornell  
Avenues  
NOTES: Albany General Plan - 2040 No Project

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 19300    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) = 64.43

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn	70 Ldn	65 Ldn	60 Ldn	55 Ldn
	-----	-----	-----	-----
0.0	57.0	120.6	258.8	

TABLE 2040 No Project-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Masonic Avenue - between Dartmouth Street and  
Marin Avenue  
NOTES: Albany General Plan - 2040 No Project

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 4100    SPEED (MPH): 25    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) = 56.45

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn	70 Ldn	65 Ldn	60 Ldn	55 Ldn
	-----	-----	-----	-----
0.0	0.0	0.0	69.8	

TABLE 2040 No Project-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Key Route Boulevard - between Portland Avenue  
and Thousand Oaks Boulevard  
NOTES: Albany General Plan - 2040 No Project

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 5900    SPEED (MPH): 15    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) = 51.67

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

TABLE 2040 No Project-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Solano Avenue - between Santa Fe Avenue and  
Curtis Street  
NOTES: Albany General Plan - 2040 No Project

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 10100    SPEED (MPH): 25    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) = 60.36

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	59.2	126.9

TABLE 2040 No Project-15  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Marin Avenue - between Santa Fe Avenue and  
Curtis Street  
NOTES: Albany General Plan - 2040 No Project

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 18800    SPEED (MPH): 25    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) = 62.48

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	89.8	192.1

TABLE 2040 No Project-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: I-80 - south of Buchanan Street  
NOTES: Albany General Plan - 2040 No Project

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 235300    SPEED (MPH): 65    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): 48    SITE CHARACTERISTICS: SOFT

\*\*\* CALCULATED NOISE LEVELS \*\*\*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 81.34

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
489.7	1050.9	2261.7	4870.9

TABLE 2040 No Project-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: I-80 - north of Buchanan Street  
NOTES: Albany General Plan - 2040 No Project

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 140100    SPEED (MPH): 65    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): 48    SITE CHARACTERISTICS: SOFT

\*\*\* CALCULATED NOISE LEVELS \*\*\*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 79.09

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
348.3	744.5	1601.1	3447.6

TABLE 2040 No Project-18  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: I-580 - north of Buchanan Street  
NOTES: Albany General Plan - 2040 No Project

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 103500    SPEED (MPH): 65    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): 36    SITE CHARACTERISTICS: SOFT

\*\*\* CALCULATED NOISE LEVELS \*\*\*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 78.37

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
284.4	608.8	1309.6	2820.1

TABLE 2040 General Plan-01  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Cleveland Avenue - north of Washington Avenue  
NOTES: Albany General Plan - 2040 General Plan

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 7900    SPEED (MPH): 25    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) = 59.30

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	0.0	107.8

TABLE 2040 General Plan-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Pierce Street - north of Washington Avenue  
NOTES: Albany General Plan - 2040 General Plan

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 4400    SPEED (MPH): 20    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) = 54.58

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	0.0	52.5

TABLE 2040 General Plan-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Eastshore Highway - south of Buchanan Street  
NOTES: Albany General Plan - 2040 General Plan

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 8600    SPEED (MPH): 25    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) = 59.67

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	53.2	114.1

TABLE 2040 General Plan-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Buchanan Street - between Fillmore and Taylor Streets  
NOTES: Albany General Plan - 2040 General Plan

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 32300    SPEED (MPH): 25    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) = 63.91

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	63.9	129.7	275.7

TABLE 2040 General Plan-05  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Jackson Street - between Portland Avenue and  
Castro Street  
NOTES: Albany General Plan - 2040 General Plan

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 4400    SPEED (MPH): 25    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) = 56.76

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

TABLE 2040 General Plan-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: San Pablo Avenue - between Portland and Garfield  
Avenues  
NOTES: Albany General Plan - 2040 General Plan

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 28700    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): 21    SITE CHARACTERISTICS: SOFT

\*\*\* CALCULATED NOISE LEVELS \*\*\*

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	95.0	200.6	430.2

TABLE 2040 General Plan-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: San Pablo Avenue - between Buchanan Street and Solano Avenue  
NOTES: Albany General Plan - 2040 General Plan

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 25700    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): 21    SITE CHARACTERISTICS: SOFT

\*\*\* CALCULATED NOISE LEVELS \*\*\*

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	88.6	186.5	399.8

TABLE 2040 General Plan-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: San Pablo Avenue - between Monroe and Dartmouth Streets  
NOTES: Albany General Plan - 2040 General Plan

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 27900    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): 21    SITE CHARACTERISTICS: SOFT

\*\*\* CALCULATED NOISE LEVELS \*\*\*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.91

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	93.3	196.9	422.2



TABLE 2040 General Plan-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Brighton Avenue - between Stannage and Cornell  
Avenues  
NOTES: Albany General Plan - 2040 General Plan

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 3900    SPEED (MPH): 25    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) = 56.23

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	67.5

TABLE 2040 General Plan-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Solano Avenue - between Stannage and Cornell  
Avenues  
NOTES: Albany General Plan - 2040 General Plan

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 11100    SPEED (MPH): 25    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) = 60.77

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	63.0	135.2

TABLE 2040 General Plan-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Marin Avenue - between Stannage and Cornell  
Avenues  
NOTES: Albany General Plan - 2040 General Plan

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 20100    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) = 64.61

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn	70 Ldn	65 Ldn	60 Ldn	55 Ldn
	-----	-----	-----	-----
0.0	58.5	123.9	265.9	

TABLE 2040 General Plan-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Masonic Avenue - between Dartmouth Street and  
Marin Avenue  
NOTES: Albany General Plan - 2040 General Plan

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 4200    SPEED (MPH): 25    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) = 56.55

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn	70 Ldn	65 Ldn	60 Ldn	55 Ldn
	-----	-----	-----	-----
0.0	0.0	0.0	70.9	

TABLE 2040 General Plan-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Key Route Boulevard - between Portland Avenue  
and Thousand Oaks Boulevard  
NOTES: Albany General Plan - 2040 General Plan

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 6000    SPEED (MPH): 15    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) = 51.75

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

TABLE 2040 General Plan-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Solano Avenue - between Santa Fe Avenue and  
Curtis Street  
NOTES: Albany General Plan - 2040 General Plan

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 10200    SPEED (MPH): 25    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) = 60.41

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	59.6	127.8

TABLE 2040 General Plan-15  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Marin Avenue - between Santa Fe Avenue and  
Curtis Street  
NOTES: Albany General Plan - 2040 General Plan

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 19200    SPEED (MPH): 25    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) = 62.57

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	91.1	194.8

TABLE 2040 General Plan-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: I-80 - south of Buchanan Street  
NOTES: Albany General Plan - 2040 General Plan

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 235600    SPEED (MPH): 65    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): 48    SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 81.35

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
490.1	1051.8	2263.6	4875.0

TABLE 2040 General Plan-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: I-80 - north of Buchanan Street  
NOTES: Albany General Plan - 2040 General Plan

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 140100    SPEED (MPH): 65    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): 48    SITE CHARACTERISTICS: SOFT

\*\*\* CALCULATED NOISE LEVELS \*\*\*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 79.09

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
348.3	744.5	1601.1	3447.6

TABLE 2040 General Plan-18  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: I-580 - north of Buchanan Street  
NOTES: Albany General Plan - 2040 General Plan

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 130700    SPEED (MPH): 65    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): 36    SITE CHARACTERISTICS: SOFT

\*\*\* CALCULATED NOISE LEVELS \*\*\*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 79.38

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
331.6	711.0	1529.9	3294.6

TABLE 2040 SCS-01  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Cleveland Avenue - north of Washington Avenue  
NOTES: Albany General Plan - 2040 SCS

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 7900    SPEED (MPH): 25    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) = 59.30

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	0.0	107.8

TABLE 2040 SCS-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Pierce Street - north of Washington Avenue  
NOTES: Albany General Plan - 2040 SCS

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 4400    SPEED (MPH): 20    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) = 54.58

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	0.0	52.5

TABLE 2040 SCS-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Eastshore Highway - south of Buchanan Street  
NOTES: Albany General Plan - 2040 SCS

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 8700    SPEED (MPH): 25    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) = 59.72

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	53.6	114.9

TABLE 2040 SCS-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Buchanan Street - between Fillmore and Taylor Streets  
NOTES: Albany General Plan - 2040 SCS

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 32300    SPEED (MPH): 25    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) = 63.91

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	63.9	129.7	275.7

TABLE 2040 SCS-05  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Jackson Street - between Portland Avenue and  
Castro Street  
NOTES: Albany General Plan - 2040 SCS

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4400    SPEED (MPH): 25    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) = 56.76

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

TABLE 2040 SCS-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: San Pablo Avenue - between Portland and Garfield  
Avenues  
NOTES: Albany General Plan - 2040 SCS

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 28700    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): 21    SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	95.0	200.6	430.2



TABLE 2040 SCS-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: San Pablo Avenue - between Buchanan Street and Solano Avenue  
NOTES: Albany General Plan - 2040 SCS

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 25800    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): 21    SITE CHARACTERISTICS: SOFT

\*\*\* CALCULATED NOISE LEVELS \*\*\*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.57

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	88.8	187.0	400.8

TABLE 2040 SCS-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: San Pablo Avenue - between Monroe and Dartmouth Streets  
NOTES: Albany General Plan - 2040 SCS

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 28000    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): 21    SITE CHARACTERISTICS: SOFT

\*\*\* CALCULATED NOISE LEVELS \*\*\*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.92

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	93.5	197.3	423.2

TABLE 2040 SCS-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Brighton Avenue - between Stannage and Cornell  
Avenues  
NOTES: Albany General Plan - 2040 SCS

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 3900    SPEED (MPH): 25    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) = 56.23

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	67.5

TABLE 2040 SCS-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Solano Avenue - between Stannage and Cornell  
Avenues  
NOTES: Albany General Plan - 2040 SCS

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 11200    SPEED (MPH): 25    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) = 60.81

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	63.3	136.0

TABLE 2040 SCS-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Marin Avenue - between Stannage and Cornell  
Avenues  
NOTES: Albany General Plan - 2040 SCS

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 20300    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) = 64.65

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn	70 Ldn	65 Ldn	60 Ldn	55 Ldn
	-----	-----	-----	-----
0.0	58.9	124.7	267.7	

TABLE 2040 SCS-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Masonic Avenue - between Dartmouth Street and  
Marin Avenue  
NOTES: Albany General Plan - 2040 SCS

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 4200    SPEED (MPH): 25    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) = 56.55

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn	70 Ldn	65 Ldn	60 Ldn	55 Ldn
	-----	-----	-----	-----
0.0	0.0	0.0	0.0	70.9

TABLE 2040 SCS-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Key Route Boulevard - between Portland Avenue  
and Thousand Oaks Boulevard  
NOTES: Albany General Plan - 2040 SCS

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 6300    SPEED (MPH): 15    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) = 51.96

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

TABLE 2040 SCS-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Solano Avenue - between Santa Fe Avenue and  
Curtis Street  
NOTES: Albany General Plan - 2040 SCS

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 10300    SPEED (MPH): 25    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) = 60.45

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	59.9	128.6

TABLE 2040 SCS-15  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: Marin Avenue - between Santa Fe Avenue and  
Curtis Street  
NOTES: Albany General Plan - 2040 SCS

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 19200    SPEED (MPH): 25    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) = 62.57

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	91.1	194.8

TABLE 2040 SCS-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: I-80 - south of Buchanan Street  
NOTES: Albany General Plan - 2040 SCS

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 236100    SPEED (MPH): 65    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): 48    SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 81.36

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
490.8	1053.2	2266.8	4881.9

TABLE 2040 SCS-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: I-80 - north of Buchanan Street  
NOTES: Albany General Plan - 2040 SCS

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 140200    SPEED (MPH): 65    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): 48    SITE CHARACTERISTICS: SOFT

\*\*\* CALCULATED NOISE LEVELS \*\*\*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 79.10

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
348.4	744.9	1601.9	3449.2

TABLE 2040 SCS-18  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 09/08/2015  
ROADWAY SEGMENT: I-580 - north of Buchanan Street  
NOTES: Albany General Plan - 2040 SCS

\*\*\* ASSUMPTIONS \*\*\*

AVERAGE DAILY TRAFFIC: 103800    SPEED (MPH): 65    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): 36    SITE CHARACTERISTICS: SOFT

\*\*\* CALCULATED NOISE LEVELS \*\*\*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 78.38

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
285.0	610.0	1312.1	2825.5