

APPENDIX D

NOISE LEVELS AND MODEL PRINTOUTS

LONG BEACH SPORTS COMPLEX
FHWA ROADWAY NOISE LEVEL ANALYSIS
CONTOUR6 MODEL PRINTOUTS
EXISTING BASELINE CONDITIONS

TABLE Existing-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: Atlantic Ave. north of Sprint St.
NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 27650 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES
DAY EVENING NIGHT

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.80

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
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72.0	148.1	315.7	678.4

TABLE Existing-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Atlantic Ave. between Sprint St. and Willow St.

NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 23895 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.16

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
66.1	134.7	286.6	615.6

TABLE Existing-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: Atlantic Ave. south of Willow St.
NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 18790 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
57.7	115.5	244.5	524.6

TABLE Existing-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: California Ave. north of Spring St.
NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5620 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.53

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
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0.0	0.0	90.5	193.5

TABLE Existing-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: California Ave. between Spring St. and Willow St.

NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5475 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY EVENING NIGHT

---- ----- -----

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.42

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	88.9	190.2

TABLE Existing-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: California Ave. south of Willow St.
NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7160 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.58

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
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0.0	0.0	106.1	227.3

TABLE Existing-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: Orange Ave. north of 32nd St.
NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14620 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.95

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	96.4	206.5	444.1

TABLE Existing-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Orange Ave. between 32nd St. and I-405 SB Ramps

NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 16210 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.40

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	103.2	221.1	475.7

TABLE Existing-09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Orange Ave. between I-405 SB Ramps and Spring St.

NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 16305 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.43

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	103.6	222.0	477.6

TABLE Existing-10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Orange Ave. between Spring St. and 29th St.

NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 12280 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.20

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	86.0	183.9	395.4

TABLE Existing-11
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Orange Ave. between 29th St. and 28th St.

NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 11050 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.74

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	80.3	171.4	368.6

TABLE Existing-12
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Orange Ave. between 28th St. and Willow St.

NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 9925 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.27

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	74.9	159.7	343.1

TABLE Existing-13
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: Orange Ave. south of Willow St.
NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 9590 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	73.2	156.1	335.4

TABLE Existing-14
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Walnut Ave. north of Spring St.

NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6240 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY EVENING NIGHT

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.26

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	55.6	117.5	252.0

TABLE Existing-15
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Walnut Ave. between Spring St. and Willow St.

NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7165 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	60.7	128.7	276.2

TABLE Existing-16
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: Walnut Ave. south of Willow St.
NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 12180 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.16

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	85.6	182.9	393.3

TABLE Existing-17
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: 32nd St. west of Orange Ave.
NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1170 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 54.88

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	0.0	54.9

TABLE Existing-18
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: 32nd St. east of Orange Ave.
NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7330 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.84

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	86.3	185.6

TABLE Existing-19
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: I-405 SB Ramps west of Orange Ave.
NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7120 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.72

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	84.7	182.1

TABLE Existing-20
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: Spring St. west of Atlantic Ave.
NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 12720 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	90.3	189.1	404.8

TABLE Existing-21
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Spring St. between Atlantic Ave. and California Ave.

NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 12700 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.42

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	90.3	188.9	404.4

TABLE Existing-22
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Spring St. between California Ave. and Orange Ave.

NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 16095 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.45

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	104.7	220.8	473.4

TABLE Existing-23
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Spring St. between Orange Ave. and Walnut Ave.

NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 16250 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY EVENING NIGHT

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.49

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	105.3	222.2	476.4

TABLE Existing-24
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: Spring St. east of Walnut Ave.
NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15140 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.18

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	100.7	212.1	454.5

TABLE Existing-25
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: 29th St. east of Orange Ave.
NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1230 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 55.09

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

TABLE Existing-26
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: 28th St. east of Orange Ave.
NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1210 SPEED (MPH): 35 GRADE: .5

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 55.02

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	56.2

TABLE Existing-27
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: Willow St. west of Atlantic Ave.
NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 28520 SPEED (MPH): 50 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.36

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
90.0	181.4	384.7	825.7

TABLE Existing-28
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Willow St. between Atlantic Ave. and California Ave.

NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 29335 SPEED (MPH): 50 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY EVENING NIGHT

--- ----- -----

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.48

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
91.5	184.7	391.9	841.4

TABLE Existing-29
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Willow St. between California Ave. and Orange Ave.

NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 30855 SPEED (MPH): 50 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.70

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
94.1	190.8	405.2	870.1

TABLE Existing-30
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Willow St. between Orange Ave. and Walnut Ave.

NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 30200 SPEED (MPH): 50 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.61

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
93.0	188.2	399.5	857.8

TABLE Existing-31
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: Willow St. east of Walnut Ave.
NOTES: LB Sports Complex - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 35710 SPEED (MPH): 50 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY EVENING NIGHT
---- - -

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.34

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
102.4	209.7	446.4	959.0

LONG BEACH SPORTS COMPLEX
FHWA ROADWAY NOISE LEVEL ANALYSIS
CONTOUR6 MODEL PRINTOUTS
OPENING YEAR (2006) WITHOUT PROJECT SCENARIO

TABLE 2006 without Project-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Atlantic Ave. north of Sprint St.

NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 32910 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.55

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
79.9	165.9	354.3	761.8

TABLE 2006 without Project-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Atlantic Ave. between Sprint St. and Willow St.

NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 28645 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.95

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
73.5	151.5	323.2	694.6

TABLE 2006 without Project-03
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Atlantic Ave. south of Willow St.

NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 23090 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.01

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
64.8	131.8	280.2	601.7

TABLE 2006 without Project-04
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: California Ave. north of Spring St.

NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7220 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.62

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	106.6	228.6

TABLE 2006 without Project-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: California Ave. between Spring St. and Willow St.

NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6610 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	100.6	215.5

TABLE 2006 without Project-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: California Ave. south of Willow St.

NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8300 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY EVENING NIGHT

---- ----- -----

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	55.3	116.9	250.7

TABLE 2006 without Project-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Orange Ave. north of 32nd St.

NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 16700 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.53

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	105.2	225.5	485.3

TABLE 2006 without Project-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Orange Ave. between 32nd St. and I-405 SB Ramps

NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 18585 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.99

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
53.5	112.9	242.1	521.0

TABLE 2006 without Project-09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Orange Ave. between I-405 SB Ramps and Spring St.

NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 18760 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.04

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
53.8	113.6	243.6	524.3

TABLE 2006 without Project-10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Orange Ave. between Spring St. and 29th St.

NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14035 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.78

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	93.9	200.9	432.2

TABLE 2006 without Project-11
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Orange Ave. between 29th St. and 28th St.

NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 12705 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY EVENING NIGHT

---- - - - - - - - - - -

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.34

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	88.0	188.1	404.5

TABLE 2006 without Project-12
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Orange Ave. between 28th St. and Willow St.

NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 11485 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.90

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	82.3	175.9	378.2

TABLE 2006 without Project-13
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Orange Ave. south of Willow St.

NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 11060 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.74

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	80.3	171.5	368.8

TABLE 2006 without Project-14
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: Walnut Ave. north of Spring St.
NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6740 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.59

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	58.4	123.6	265.2

TABLE 2006 without Project-15
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Walnut Ave. between Spring St. and Willow St.

NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7775 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	63.9	135.8	291.7

TABLE 2006 without Project-16
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: Walnut Ave. south of Willow St.
NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 9950 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.28

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	75.0	159.9	343.7

TABLE 2006 without Project-17
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: 32nd St. west of Orange Ave.
NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1940 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.07

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

TABLE 2006 without Project-18
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: 32nd St. east of Orange Ave.
NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8590 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	95.9	206.3

TABLE 2006 without Project-19
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
 ROADWAY SEGMENT: I-405 SB Ramps west of Orange Ave.
 NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7890 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.16

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	90.7	195.0

TABLE 2006 without Project-20
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Spring St. west of Atlantic Ave.

NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 16480 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	106.3	224.3	480.9

TABLE 2006 without Project-21
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Spring St. between Atlantic Ave. and California Ave.

NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 17260 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.75

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	109.4	231.2	495.9

TABLE 2006 without Project-22
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Spring St. between California Ave. and Orange Ave.

NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 21665 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
62.5	126.5	268.6	576.7

TABLE 2006 without Project-23
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Spring St. between Orange Ave. and Walnut Ave.

NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 20675 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.54

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
60.8	122.8	260.4	559.1

TABLE 2006 without Project-24
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: Spring St. east of Walnut Ave.
NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 19480 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY EVENING NIGHT

---- - -

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
58.8	118.2	250.4	537.3

TABLE 2006 without Project-25
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: 29th St. east of Orange Ave.
NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1340 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

ACTIVE HALF-WIDTH (FT): 6

SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 55.46

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

	70 CNEL	65 CNEL	60 CNEL	55 CNEL
	-----	-----	-----	-----
	0.0	0.0	0.0	60.1

TABLE 2006 without Project-26
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: 28th St. east of Orange Ave.
NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1300 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 55.33

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	0.0	58.9

TABLE 2006 without Project-27
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
 ROADWAY SEGMENT: Willow St. west of Atlantic Ave.
 NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 32990 SPEED (MPH): 50 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.99

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
97.8	199.2	423.6	909.7

TABLE 2006 without Project-28
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Willow St. between Atlantic Ave. and California Ave.

NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 33140 SPEED (MPH): 50 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY EVENING NIGHT

---- ----- -----

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.01

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL 65 CNEL 60 CNEL 55 CNEL

----- ----- ----- -----

98.1	199.8	424.8	912.5
------	-------	-------	-------

TABLE 2006 without Project-29
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Willow St. between California Ave. and Orange Ave.

NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 34755 SPEED (MPH): 50 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.22

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
100.8	206.0	438.4	941.9

TABLE 2006 without Project-30
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Willow St. between Orange Ave. and Walnut Ave.

NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 34275 SPEED (MPH): 50 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY EVENING NIGHT

---- - -

AUTOS

75.51 12.57 9.34

M-TRUCKS

1.56 0.09 0.19

H-TRUCKS

0.64 0.02 0.08

ACTIVE HALF-WIDTH (FT): 36

SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.16

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL 65 CNEL 60 CNEL 55 CNEL

----- ----- ----- -----

100.0 204.2 434.4 933.2

TABLE 2006 without Project-31
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: Willow St. east of Walnut Ave.
NOTES: LB Sports Complex - 2006 without Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 36980 SPEED (MPH): 50 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.49

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
104.5	214.5	456.8	981.6

LONG BEACH SPORTS COMPLEX
FHWA ROADWAY NOISE LEVEL ANALYSIS
CONTOUR6 MODEL PRINTOUTS
OPENING YEAR (2006) WITH PROJECT SCENARIO

TABLE 2006 with Project-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Atlantic Ave. north of Sprint St.

NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 33650 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.65

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
81.0	168.3	359.6	773.2

TABLE 2006 with Project-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Atlantic Ave. between Sprint St. and Willow St.

NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 28645 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.95

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
73.5	151.5	323.2	694.6

TABLE 2006 with Project-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Atlantic Ave. south of Willow St.

NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 23150 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
64.9	132.0	280.6	602.8

TABLE 2006 with Project-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: California Ave. north of Spring St.
NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7510 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.79

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	51.9	109.4	234.6

TABLE 2006 with Project-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: California Ave. between Spring St. and Willow St.

NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6785 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.35

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	102.4	219.3

TABLE 2006 with Project-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: California Ave. south of Willow St.
NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8590 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.37

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	56.5	119.6	256.5

TABLE 2006 with Project-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: Orange Ave. north of 32nd St.
NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 17050 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.62

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	106.7	228.7	492.0

TABLE 2006 with Project-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Orange Ave. between 32nd St. and I-405 SB Ramps

NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 19845 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
55.8	117.9	252.9	544.3

TABLE 2006 with Project-09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Orange Ave. between I-405 SB Ramps and Spring St.

NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 20820 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.49

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
57.5	121.7	261.1	562.0

TABLE 2006 with Project-10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Orange Ave. between Spring St. and 29th St.

NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 18155 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY EVENING NIGHT

---- - -

AUTOS

75.51 12.57 9.34

M-TRUCKS

1.56 0.09 0.19

H-TRUCKS

0.64 0.02 0.08

ACTIVE HALF-WIDTH (FT): 12

SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.89

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL 65 CNEL 60 CNEL 55 CNEL

----- ----- ----- -----

52.7 111.2 238.4 512.9

TABLE 2006 with Project-11
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Orange Ave. between 29th St. and 28th St.

NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 16250 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	103.4	221.5	476.5

TABLE 2006 with Project-12
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Orange Ave. between 28th St. and Willow St.

NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 13305 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	90.7	193.9	417.1

TABLE 2006 with Project-13
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: Orange Ave. south of Willow St.
NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 11410 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	82.0	175.1	376.5

TABLE 2006 with Project-14
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: Walnut Ave. north of Spring St.
NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6740 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.59

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	58.4	123.6	265.2

TABLE 2006 with Project-15
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Walnut Ave. between Spring St. and Willow St.

NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 7775 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	63.9	135.8	291.7

TABLE 2006 with Project-16
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Walnut Ave. south of Willow St.

NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 9950 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.28

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	75.0	159.9	343.7

TABLE 2006 with Project-17
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: 32nd St. west of Orange Ave.
NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1940 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.07

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	76.7

TABLE 2006 with Project-18
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: 32nd St. east of Orange Ave.
NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 9500 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	102.6	220.6

TABLE 2006 with Project-19
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: I-405 SB Ramps west of Orange Ave.

NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 8690 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.58

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	96.7	207.9

TABLE 2006 with Project-20
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: Spring St. west of Atlantic Ave.
NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 17050 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY EVENING NIGHT

--- ----- -----

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.70

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	108.6	229.3	491.9

TABLE 2006 with Project-21
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Spring St. between Atlantic Ave. and California Ave.

NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 18570 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.07

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
57.3	114.6	242.6	520.5

TABLE 2006 with Project-22
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Spring St. between California Ave. and Orange Ave.

NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 23375 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.07

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
65.2	132.8	282.4	606.6

TABLE 2006 with Project-23
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Spring St. between Orange Ave. and Walnut Ave.

NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 21825 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.77

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
62.7	127.1	269.9	579.6

TABLE 2006 with Project-24
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: Spring St. east of Walnut Ave.
NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 20630 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.53

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
60.7	122.6	260.0	558.3

TABLE 2006 with Project-25
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: 29th St. east of Orange Ave.
NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1340 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 55.46

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
0.0	0.0	0.0	60.1

TABLE 2006 with Project-26
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: 28th St. east of Orange Ave.
NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1300 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 55.33

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
0.0	0.0	0.0	58.9

TABLE 2006 with Project-27
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: Willow St. west of Atlantic Ave.
NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 33470 SPEED (MPH): 50 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.06

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
98.6	201.1	427.6	918.5

TABLE 2006 with Project-28
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Willow St. between Atlantic Ave. and California Ave.

NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 33675 SPEED (MPH): 50 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY EVENING NIGHT

---- ----- -----

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

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
99.0	201.9	429.4	922.3

TABLE 2006 with Project-29
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Willow St. between California Ave. and Orange Ave.

NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 35555 SPEED (MPH): 50 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY EVENING NIGHT

--- ----- -----

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.32

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL	65 CNEL	60 CNEL	55 CNEL
-----	-----	-----	-----
102.2	209.1	445.1	956.2

TABLE 2006 with Project-30
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004

ROADWAY SEGMENT: Willow St. between Orange Ave. and Walnut Ave.

NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 35160 SPEED (MPH): 50 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY EVENING NIGHT

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AUTOS

75.51 12.57 9.34

M-TRUCKS

1.56 0.09 0.19

H-TRUCKS

0.64 0.02 0.08

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

* * CALCULATED NOISE LEVELS * *

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL

70 CNEL 65 CNEL 60 CNEL 55 CNEL

----- ----- ----- -----

101.5 207.6 441.8 949.1

TABLE 2006 with Project-31
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/17/2004
ROADWAY SEGMENT: Willow St. east of Walnut Ave.
NOTES: LB Sports Complex - 2006 with Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 37860 SPEED (MPH): 50 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.59

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL -----	65 CNEL -----	60 CNEL -----	55 CNEL -----
106.0	217.8	464.0	997.1