

**APPENDIX E**

**NOISE DATA**

TABLE Existing-01  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Interstate 80 - State Route 50 to County Road 32A

NOTES: Yolo County State Routes - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 55400      SPEED (MPH): 65      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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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) = 75.65

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
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189.5	402.3	863.8	1859.3

TABLE Existing-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Interstate 80 - Mace Boulevard to Solano County Line

NOTES: Yolo County State Routes - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 44200      SPEED (MPH): 65      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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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) = 74.67

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
164.0	346.5	743.3	1599.5

TABLE Existing-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Interstate 5 - Sacramento County Line to County Road 102

NOTES: Yolo County State Routes - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 21100      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): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.18

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
100.7	212.1	454.6	978.1

TABLE Existing-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Interstate 5 - State Route 113 to County Road 13

NOTES: Yolo County State Routes - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 12200      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): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
72.0	148.2	316.0	679.1

TABLE Existing-05  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Interstate 5 - County Road 13 to Interstate 505

NOTES: Yolo County State Routes - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 7700      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): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.81

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	110.3	233.1	500.0

TABLE Existing-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Interstate 5 - Interstate 505 to Colusa County Line

NOTES: Yolo County State Routes - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 10400      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): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.11

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
65.6	133.7	284.3	610.6

TABLE Existing-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Interstate 505 - State Route 128 to State Route 16

NOTES: Yolo County State Routes - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4900      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): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.84

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	83.2	173.2	370.3



TABLE Existing-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Interstate 505 - State Route 16 to County Road 14

NOTES: Yolo County State Routes - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 3000      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): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.71

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	62.2	126.0	267.5

TABLE Existing-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 113 - Solano County Line to Covell Boulevard

NOTES: Yolo County State Routes - Existing

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 22700      SPEED (MPH): 65      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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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

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\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 72.50

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
105.5	222.6	477.2	1026.9

TABLE Existing-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 113 - Covell Boulevard to Gibson Road

NOTES: Yolo County State Routes - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 15300      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): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.79

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
82.5	171.8	367.2	789.6

TABLE Existing-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 113 - Interstate 5 to County Road 17

NOTES: Yolo County State Routes - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 3200      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): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.99

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	64.6	131.3	279.2

TABLE Existing-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 113 - County Road 17 to County Road 13

NOTES: Yolo County State Routes - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 900      SPEED (MPH): 55      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) = 58.14

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	0.0	90.3

TABLE Existing-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 113 - County Road 13 to Sutter County Line

NOTES: Yolo County State Routes - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 1500      SPEED (MPH): 55      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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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	59.1	126.8

TABLE Existing-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 16 - County Road 98 to County Road 94B

NOTES: Yolo County State Routes - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 10000      SPEED (MPH): 55      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) = 68.59

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	96.8	208.3	448.5

TABLE Existing-15  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 16 - County Road 94B to Interstate 505

NOTES: Yolo County State Routes - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 9700      SPEED (MPH): 55      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) = 68.46

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	94.9	204.1	439.5



TABLE Existing-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 16 - Interstate 505 to County Road 87

NOTES: Yolo County State Routes - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 8400      SPEED (MPH): 55      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) = 67.84

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	86.3	185.4	399.3

TABLE Existing-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 16 - County Road 87 to County Road 78

NOTES: Yolo County State Routes - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 6700      SPEED (MPH): 55      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) = 66.86

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	74.2	159.5	343.4

TABLE Existing-18  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 128 - Interstate 505 to Winters

NOTES: Yolo County State Routes - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 9300      SPEED (MPH): 45      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) = 66.10

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	66.1	142.0	305.7

TABLE Existing-19  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 128 - Winters to County Road 86

NOTES: Yolo County State Routes - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 7000      SPEED (MPH): 55      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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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) = 67.05

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	76.4	164.2	353.6

TABLE Existing-20  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 84 - Clarksburg Road to West Sacramento

NOTES: Yolo County State Routes - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 1600      SPEED (MPH): 55      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) = 60.64

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	61.7	132.3

TABLE Existing-21  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 84 - West Sacramento to State Route 50

NOTES: Yolo County State Routes - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 18900      SPEED (MPH): 55      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) = 71.36

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
68.8	147.8	318.2	685.4

TABLE Existing-22  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 84 - State Route 50 to Interstate 80

NOTES: Yolo County State Routes - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 14700      SPEED (MPH): 55      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) = 70.27

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
58.3	125.1	269.2	579.7

TABLE Existing-23  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 45 - State Route 113 to Country Road 98A

NOTES: Yolo County State Routes - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 700      SPEED (MPH): 55      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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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) = 57.05

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	76.4



TABLE Cumulative w/o Project-01  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Interstate 80 - State Route 50 to County Road 32A

NOTES: Yolo County State Routes - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 125300      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) = 79.20

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
322.5	691.3	1487.5	3203.2

TABLE Cumulative w/o Project-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Interstate 80 - Mace Boulevard to Solano County Line

NOTES: Yolo County State Routes - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 101100      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) = 78.27

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
280.1	599.4	1289.3	2776.3

TABLE Cumulative w/o Project-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Interstate 5 - Sacramento County Line to County Road 102

NOTES: Yolo County State Routes - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 68500      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): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 77.30

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
215.8	462.7	995.6	2144.0

TABLE Cumulative w/o Project-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Interstate 5 - State Route 113 to County Road 13

NOTES: Yolo County State Routes - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 46200      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): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 75.59

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
166.7	356.2	765.8	1648.9

TABLE Cumulative w/o Project-05  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Interstate 5 - County Road 13 to Interstate 505

NOTES: Yolo County State Routes - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 25900      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): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.07

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
114.7	242.8	521.0	1121.3

TABLE Cumulative w/o Project-06  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Interstate 5 - Interstate 505 to Colusa County Line

NOTES: Yolo County State Routes - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 34600      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): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 74.33

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
138.2	294.0	631.7	1359.9

TABLE Cumulative w/o Project-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Interstate 505 - State Route 128 to State Route 16

NOTES: Yolo County State Routes - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 18900      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): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.70

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
94.0	197.3	422.5	908.9

TABLE Cumulative w/o Project-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Interstate 505 - State Route 16 to County Road 14

NOTES: Yolo County State Routes - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 10500      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): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.15

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
66.0	134.5	286.1	614.5



TABLE Cumulative w/o Project-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 113 - Solano County Line to Covell Boulevard

NOTES: Yolo County State Routes - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 48800      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): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 75.82

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
172.8	369.3	794.3	1710.2

TABLE Cumulative w/o Project-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 113 - Covell Boulevard to Gibson Road

NOTES: Yolo County State Routes - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 44500      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): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 75.42

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
162.7	347.4	746.9	1608.2

TABLE Cumulative w/o Project-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 113 - Interstate 5 to County Road 17

NOTES: Yolo County State Routes - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 12600      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): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.94

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
73.4	151.4	322.8	693.8

TABLE Cumulative w/o Project-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 113 - County Road 17 to County Road 13

NOTES: Yolo County State Routes - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4600      SPEED (MPH): 55      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) = 65.22

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	57.9	124.2	267.3

TABLE Cumulative w/o Project-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 113 - County Road 13 to Sutter County Line

NOTES: Yolo County State Routes - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 7100      SPEED (MPH): 55      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) = 67.11

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	77.2	165.8	357.0

TABLE Cumulative w/o Project-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 16 - County Road 98 to County Road 94B

NOTES: Yolo County State Routes - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 14300      SPEED (MPH): 55      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) = 70.15

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
57.3	122.8	264.3	569.1

TABLE Cumulative w/o Project-15  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 16 - County Road 94B to Interstate 505

NOTES: Yolo County State Routes - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 11100      SPEED (MPH): 55      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) = 69.05

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	103.8	223.3	480.8

TABLE Cumulative w/o Project-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 16 - Interstate 505 to County Road 87

NOTES: Yolo County State Routes - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 20400      SPEED (MPH): 55      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) = 71.69

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
72.4	155.5	334.9	721.2



TABLE Cumulative w/o Project-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 16 - County Road 87 to County Road 78

NOTES: Yolo County State Routes - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 19100      SPEED (MPH): 55      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) = 71.40

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
69.3	148.9	320.5	690.2

TABLE Cumulative w/o Project-18  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 128 - Interstate 505 to Winters

NOTES: Yolo County State Routes - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 13800      SPEED (MPH): 45      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) = 67.81

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	85.9	184.7	397.7

TABLE Cumulative w/o Project-19  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 128 - Winters to County Road 86

NOTES: Yolo County State Routes - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 10100      SPEED (MPH): 55      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) = 68.64

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	97.5	209.7	451.5

TABLE Cumulative w/o Project-20  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 84 - Clarksburg Road to West Sacramento

NOTES: Yolo County State Routes - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4300      SPEED (MPH): 55      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.93

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	55.4	118.8	255.6

TABLE Cumulative w/o Project-21  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 84 - West Sacramento to State Route 50

NOTES: Yolo County State Routes - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 35800      SPEED (MPH): 55      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) = 74.13

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
105.2	226.2	487.1	1049.2

TABLE Cumulative w/o Project-22  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 84 - State Route 50 to Interstate 80

NOTES: Yolo County State Routes - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 27400      SPEED (MPH): 55      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) = 72.97

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
88.0	189.3	407.6	877.9

TABLE Cumulative w/o Project-23  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 45 - State Route 113 to Country Road 98A

NOTES: Yolo County State Routes - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 1300      SPEED (MPH): 55      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) = 59.73

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	53.8	115.3

TABLE Cumulative with Project-01  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Interstate 80 - State Route 50 to County Road 32A

NOTES: Yolo County State Routes - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 127000      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) = 79.26

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
325.4	697.5	1500.9	3232.1



TABLE Cumulative with Project-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Interstate 80 - Mace Boulevard to Solano County Line

NOTES: Yolo County State Routes - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 102300      SPEED (MPH): 65      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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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) = 78.32

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
282.3	604.1	1299.5	2798.2

TABLE Cumulative with Project-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Interstate 5 - Sacramento County Line to County Road 102

NOTES: Yolo County State Routes - Cumulative with Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 85100      SPEED (MPH): 65      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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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

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\* \* CALCULATED NOISE LEVELS \* \*

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
249.1	534.5	1150.4	2477.6

TABLE Cumulative with Project-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Interstate 5 - State Route 113 to County Road 13

NOTES: Yolo County State Routes - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 59600      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): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 76.69

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
197.0	421.8	907.4	1954.0

TABLE Cumulative with Project-05  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Interstate 5 - County Road 13 to Interstate 505

NOTES: Yolo County State Routes - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 45600      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): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 75.53

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
165.3	353.1	759.2	1634.6

TABLE Cumulative with Project-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Interstate 5 - Interstate 505 to Colusa County Line

NOTES: Yolo County State Routes - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 71500      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): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 77.48

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
222.0	476.1	1024.4	2206.1

TABLE Cumulative with Project-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Interstate 505 - State Route 128 to State Route 16

NOTES: Yolo County State Routes - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 28000      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): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
120.6	255.6	548.7	1181.0

TABLE Cumulative with Project-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Interstate 505 - State Route 16 to County Road 14

NOTES: Yolo County State Routes - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 26400      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): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 73.16

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
116.1	245.9	527.6	1135.6

TABLE Cumulative with Project-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 113 - Solano County Line to Covell Boulevard

NOTES: Yolo County State Routes - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 51700      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): 24              SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 76.08

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
179.4	383.8	825.4	1777.3



TABLE Cumulative with Project-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 113 - Covell Boulevard to Gibson Road

NOTES: Yolo County State Routes - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 49800      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): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 75.91

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
175.1	374.4	805.1	1733.5

TABLE Cumulative with Project-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 113 - Interstate 5 to County Road 17

NOTES: Yolo County State Routes - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 15800      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): 24      SITE CHARACTERISTICS: SOFT

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.93

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
84.2	175.4	375.1	806.7

TABLE Cumulative with Project-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 113 - County Road 17 to County Road 13

NOTES: Yolo County State Routes - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 5200      SPEED (MPH): 55      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) = 65.75

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	62.8	134.8	290.1

TABLE Cumulative with Project-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 113 - County Road 13 to Sutter County Line

NOTES: Yolo County State Routes - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 9400      SPEED (MPH): 55      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) = 68.33

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	92.9	199.9	430.4

TABLE Cumulative with Project-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 16 - County Road 98 to County Road 94B

NOTES: Yolo County State Routes - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 16400      SPEED (MPH): 55      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) = 70.74

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
62.7	134.5	289.5	623.5

TABLE Cumulative with Project-15  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 16 - County Road 94B to Interstate 505

NOTES: Yolo County State Routes - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 13900      SPEED (MPH): 55      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) = 70.02

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
56.2	120.5	259.3	558.5

TABLE Cumulative with Project-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 16 - Interstate 505 to County Road 87

NOTES: Yolo County State Routes - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 23000      SPEED (MPH): 55      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) = 72.21

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
78.4	168.5	362.7	781.2

TABLE Cumulative with Project-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 16 - County Road 87 to County Road 78

NOTES: Yolo County State Routes - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 20000      SPEED (MPH): 55      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) = 71.60

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
71.5	153.5	330.5	711.7



TABLE Cumulative with Project-18  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 128 - Interstate 505 to Winters

NOTES: Yolo County State Routes - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 12500      SPEED (MPH): 45      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) = 67.38

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	80.5	172.9	372.3

TABLE Cumulative with Project-19  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 128 - Winters to County Road 86

NOTES: Yolo County State Routes - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 9300      SPEED (MPH): 55      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) = 68.28

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	92.3	198.5	427.3

TABLE Cumulative with Project-20  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 84 - Clarksburg Road to West Sacramento

NOTES: Yolo County State Routes - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4500      SPEED (MPH): 55      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) = 65.13

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	57.1	122.4	263.4

TABLE Cumulative with Project-21  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 84 - West Sacramento to State Route 50

NOTES: Yolo County State Routes - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 35400      SPEED (MPH): 55      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) = 74.08

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
104.4	224.5	483.5	1041.4

TABLE Cumulative with Project-22  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 84 - State Route 50 to Interstate 80

NOTES: Yolo County State Routes - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 28400      SPEED (MPH): 55      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) = 73.13

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
90.2	193.9	417.5	899.2

TABLE Cumulative with Project-23  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: State Route 45 - State Route 113 to Country Road 98A

NOTES: Yolo County State Routes - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 1300      SPEED (MPH): 55      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) = 59.73

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	53.8	115.3

TABLE Existing-01  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 85 - State Route 16 to County Road 14

NOTES: Yolo County Roadways 1 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 400      SPEED (MPH): 45      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) = 52.43

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-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 85 - County Road 14 to County Road 8

NOTES: Yolo County Roadways 1 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 100      SPEED (MPH): 45      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) = 46.41

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-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 87 - State Route 16 to County Road 19

NOTES: Yolo County Roadways 1 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 200      SPEED (MPH): 45      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) = 49.42

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-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 89 - County Road 29A to County Road 27

NOTES: Yolo County Roadways 1 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 1100      SPEED (MPH): 45      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) = 56.83

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	73.9

TABLE Existing-05  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 89 - County Road 27 to County Road 24A

NOTES: Yolo County Roadways 1 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 1300      SPEED (MPH): 45      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) = 57.55

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	0.0	82.6

TABLE Existing-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 89 - County Road 24A to State Route 16

NOTES: Yolo County Roadways 1 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 1000      SPEED (MPH): 45      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) = 56.41

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	69.4

TABLE Existing-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 94B - State Route 16 to County Road 19

NOTES: Yolo County Roadways 1 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 600      SPEED (MPH): 45      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) = 54.19

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-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 98 - Solano County to County Road 31

NOTES: Yolo County Roadways 1 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 2400      SPEED (MPH): 45      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) = 60.21

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	57.8	124.1

TABLE Existing-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 98 - County Road 31 to County Road 29

NOTES: Yolo County Roadways 1 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 3300      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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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) = 61.60

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	71.4	153.3

TABLE Existing-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 98 - County Road 29 to County Road 27

NOTES: Yolo County Roadways 1 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4000      SPEED (MPH): 45      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) = 62.43

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	81.1	174.3



TABLE Existing-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 98 - County Road 27 to County Road 24

NOTES: Yolo County Roadways 1 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 5200      SPEED (MPH): 45      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) = 63.57

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	96.5	207.6

TABLE Existing-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 98 - County Road 24 to State Route 16

NOTES: Yolo County Roadways 1 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 7800      SPEED (MPH): 45      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) = 65.33

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	58.9	126.3	271.9

TABLE Existing-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 98 - Main Street to Interstate 5

NOTES: Yolo County Roadways 1 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4600      SPEED (MPH): 45      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) = 63.04

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	89.0	191.3

TABLE Existing-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 99 - County Road 31 to County Road 27

NOTES: Yolo County Roadways 1 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 1800      SPEED (MPH): 45      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) = 58.97

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	0.0	102.5

TABLE Existing-15  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 99 - County Road 27 to Gibson Road

NOTES: Yolo County Roadways 1 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 3100      SPEED (MPH): 45      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) = 61.33

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	68.5	147.1

TABLE Existing-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 101A - West Covell Boulevard to County Road 29

NOTES: Yolo County Roadways 1 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 2400      SPEED (MPH): 45      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) = 60.21

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	57.8	124.1

TABLE Existing-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 102 - East Covell Boulevard to County Road 29

NOTES: Yolo County Roadways 1 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 6500      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.54

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	52.2	111.9	240.8

TABLE Existing-18  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 102 - County Road 29 to County Road 27

NOTES: Yolo County Roadways 1 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 5600      SPEED (MPH): 45      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) = 63.89

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	101.4	218.1



TABLE Existing-19  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 102 - County Road 27 to Gibson Road

NOTES: Yolo County Roadways 1 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4900      SPEED (MPH): 45      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) = 63.31

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	92.8	199.5

TABLE Existing-20  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 102 - Gibson Road to Interstate 5

NOTES: Yolo County Roadways 1 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 11900      SPEED (MPH): 45      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) = 67.17

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	77.9	167.3	360.3

TABLE Existing-21  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 102 - Interstate 5 to County Road 17

NOTES: Yolo County Roadways 1 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4900      SPEED (MPH): 45      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) = 63.31

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	92.8	199.5

TABLE Existing-22  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 102 - County Road 17 to County Road 113

NOTES: Yolo County Roadways 1 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 6100      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

---                      -----

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

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

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.27

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	107.3	230.9

TABLE Existing-23  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 105 - County Road 32A to County Road 28H

NOTES: Yolo County Roadways 1 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 600      SPEED (MPH): 45      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) = 54.19

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-24  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Old River Road - County Road 127 to County Road 118

NOTES: Yolo County Roadways 1 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 3900      SPEED (MPH): 45      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) = 62.32

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	79.7	171.4

TABLE Existing-01  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Russell Boulevard - Interstate 505 to County Road 31

NOTES: Yolo County Roadways 2 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4400      SPEED (MPH): 45      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) = 62.85

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	86.4	185.7

TABLE Existing-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 31 - County Road 93A to County Road 95

NOTES: Yolo County Roadways 2 - Existing

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 3900      SPEED (MPH): 45      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) = 62.32

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	79.7	171.4



TABLE Existing-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 31 - County Road 95 to County Road 98

NOTES: Yolo County Roadways 2 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4900      SPEED (MPH): 45      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) = 63.31

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	92.8	199.5

TABLE Existing-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 29A - Interstate 505 to County Road 95

NOTES: Yolo County Roadways 2 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 300      SPEED (MPH): 45      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) = 51.18

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-05  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 29 - County Road 95 to County Road 98

NOTES: Yolo County Roadways 2 - Existing

---

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 600      SPEED (MPH): 45      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) = 54.19

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-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 29 - State Route 113 to County Road 102

NOTES: Yolo County Roadways 2 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4000      SPEED (MPH): 45      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) = 62.43

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	81.1	174.3

TABLE Existing-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 28H - County Road 102 to County Road 105

NOTES: Yolo County Roadways 2 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 700      SPEED (MPH): 45      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) = 54.86

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	0.0	54.8

TABLE Existing-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 27 - Interstate 505 to County Road 95

NOTES: Yolo County Roadways 2 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 900      SPEED (MPH): 45      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) = 55.96

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	64.7

TABLE Existing-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 27 - County Road 95 to County Road 98

NOTES: Yolo County Roadways 2 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 1100      SPEED (MPH): 45      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) = 56.83

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	0.0	73.9

TABLE Existing-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 27 - County Road 98 to State Route 113

NOTES: Yolo County Roadways 2 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 1700      SPEED (MPH): 45      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) = 58.72

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	98.7



TABLE Existing-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 24 - County Road 90 to County Road 95

NOTES: Yolo County Roadways 2 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 800      SPEED (MPH): 45      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) = 55.44

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

TABLE Existing-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 24 - County Road 95 to County Road 98

NOTES: Yolo County Roadways 2 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 2100      SPEED (MPH): 45      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) = 59.63

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	53.0	113.5

TABLE Existing-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 23 - County Road 85B to County Road 89

NOTES: Yolo County Roadways 2 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 1100      SPEED (MPH): 45      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) = 56.83

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	73.9

TABLE Existing-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 19 - County Road 87 to Interstate 505

NOTES: Yolo County Roadways 2 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 700      SPEED (MPH): 45      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) = 54.86

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	0.0	54.8

TABLE Existing-15  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 19 - Interstate 505 to County Road 94B

NOTES: Yolo County Roadways 2 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 600      SPEED (MPH): 45      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) = 54.19

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-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 16A - Interstate 5 to State Route 113

NOTES: Yolo County Roadways 2 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 300      SPEED (MPH): 45      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) = 51.18

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-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 17 - State Route 113 to County Road 102

NOTES: Yolo County Roadways 2 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 1100      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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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) = 56.83

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	73.9

TABLE Existing-18  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 14 - County Road 85 to Interstate 505

NOTES: Yolo County Roadways 2 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 400      SPEED (MPH): 45      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) = 52.43

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-19  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 14 - Interstate 505 to Interstate 5

NOTES: Yolo County Roadways 2 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 900      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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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) = 55.96

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	64.7

TABLE Existing-20  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 13 - Interstate 5 to State Route 113

NOTES: Yolo County Roadways 2 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 1100      SPEED (MPH): 45      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) = 56.83

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	0.0	73.9

TABLE Existing-21  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 12A - County Road 85 to Interstate 505

NOTES: Yolo County Roadways 2 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 100      SPEED (MPH): 45      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) = 46.41

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-22  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 12A - Interstate 505 to County Road 99W

NOTES: Yolo County Roadways 2 - Existing

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 100      SPEED (MPH): 45      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) = 46.41

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	0.0

TABLE Cumulative w/o Project-01  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 85 - State Route 16 to County Road 14

NOTES: Yolo County Roadways 1 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 600      SPEED (MPH): 45      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) = 54.19

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	0.0	0.0

TABLE Cumulative w/o Project-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 85 - County Road 14 to County Road 8

NOTES: Yolo County Roadways 1 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 700      SPEED (MPH): 45      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) = 54.86

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	0.0	54.8

TABLE Cumulative w/o Project-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 87 - State Route 16 to County Road 19

NOTES: Yolo County Roadways 1 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 600      SPEED (MPH): 45      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) = 54.19

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

TABLE Cumulative w/o Project-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 89 - County Road 29A to County Road 27

NOTES: Yolo County Roadways 1 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 5400      SPEED (MPH): 45      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) = 63.74

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	99.0	212.9



TABLE Cumulative w/o Project-05  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 89 - County Road 27 to County Road 24A

NOTES: Yolo County Roadways 1 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 5400      SPEED (MPH): 45      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) = 63.74

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	99.0	212.9

TABLE Cumulative w/o Project-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 89 - County Road 24A to State Route 16

NOTES: Yolo County Roadways 1 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 2100      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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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) = 59.63

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	53.0	113.5

TABLE Cumulative w/o Project-07  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 94B - State Route 16 to County Road 19

NOTES: Yolo County Roadways 1 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 800      SPEED (MPH): 45      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) = 55.44

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	0.0	59.9

TABLE Cumulative w/o Project-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 98 - Solano County to County Road 31

NOTES: Yolo County Roadways 1 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4900      SPEED (MPH): 45      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) = 63.31

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	92.8	199.5

TABLE Cumulative w/o Project-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 98 - County Road 31 to County Road 29

NOTES: Yolo County Roadways 1 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 6700      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

\* \* CALCULATED NOISE LEVELS \* \*

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	53.3	114.2	245.7

TABLE Cumulative w/o Project-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 98 - County Road 29 to County Road 27

NOTES: Yolo County Roadways 1 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 7300      SPEED (MPH): 45      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) = 65.05

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	56.4	120.9	260.1

TABLE Cumulative w/o Project-11  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 98 - County Road 27 to County Road 24

NOTES: Yolo County Roadways 1 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 6900      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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

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

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.80

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	54.3	116.4	250.6

TABLE Cumulative w/o Project-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 98 - County Road 24 to State Route 16

NOTES: Yolo County Roadways 1 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 8500      SPEED (MPH): 45      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) = 65.71

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	62.3	133.8	287.9



TABLE Cumulative w/o Project-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 98 - Main Street to Interstate 5

NOTES: Yolo County Roadways 1 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 6100      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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

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

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.27

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	107.3	230.9

TABLE Cumulative w/o Project-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 99 - County Road 31 to County Road 27

NOTES: Yolo County Roadways 1 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 2000      SPEED (MPH): 45      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) = 59.42

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	51.3	109.9

TABLE Cumulative w/o Project-15  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 99 - County Road 27 to Gibson Road

NOTES: Yolo County Roadways 1 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 2700      SPEED (MPH): 45      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) = 60.73

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	62.5	134.2

TABLE Cumulative w/o Project-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 101A - West Covell Boulevard to County Road 29

NOTES: Yolo County Roadways 1 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 6800      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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

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

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.74

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	53.8	115.3	248.1

TABLE Cumulative w/o Project-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 102 - East Covell Boulevard to County Road 29

NOTES: Yolo County Roadways 1 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 11100      SPEED (MPH): 45      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) = 66.87

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	74.4	159.8	344.0

TABLE Cumulative w/o Project-18  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 102 - County Road 29 to County Road 27

NOTES: Yolo County Roadways 1 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 13900      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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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) = 67.84

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	86.3	185.6	399.6

TABLE Cumulative w/o Project-19  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 102 - County Road 27 to Gibson Road

NOTES: Yolo County Roadways 1 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 17800      SPEED (MPH): 45      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) = 68.92

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	101.7	218.8	471.2

TABLE Cumulative w/o Project-20  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 102 - Gibson Road to Interstate 5

NOTES: Yolo County Roadways 1 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 29300      SPEED (MPH): 45      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) = 71.08

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
66.0	141.7	304.9	656.7



TABLE Cumulative w/o Project-21  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 102 - Interstate 5 to County Road 17

NOTES: Yolo County Roadways 1 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 14800      SPEED (MPH): 45      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) = 68.11

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	90.0	193.5	416.6

TABLE Cumulative w/o Project-22  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 102 - County Road 17 to County Road 113

NOTES: Yolo County Roadways 1 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 12100      SPEED (MPH): 45      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) = 67.24

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	78.7	169.2	364.3

TABLE Cumulative w/o Project-23  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 105 - County Road 32A to County Road 28H

NOTES: Yolo County Roadways 1 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 3000      SPEED (MPH): 45      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) = 61.18

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	67.0	143.9

TABLE Cumulative w/o Project-24  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Old River Road - County Road 127 to County Road 118

NOTES: Yolo County Roadways 1 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 9600      SPEED (MPH): 45      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) = 66.24

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	67.6	145.1	312.2

TABLE Cumulative w/o Project-01  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Russell Boulevard - Interstate 505 to County Road 31

NOTES: Yolo County Roadways 2 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 7000      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

\* \* CALCULATED NOISE LEVELS \* \*

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	54.8	117.6	253.0

TABLE Cumulative w/o Project-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 31 - County Road 93A to County Road 95

NOTES: Yolo County Roadways 2 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 7100      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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

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

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.92

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	55.4	118.7	255.4

TABLE Cumulative w/o Project-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 31 - County Road 95 to County Road 98

NOTES: Yolo County Roadways 2 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 7700      SPEED (MPH): 45      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) = 65.28

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	58.4	125.3	269.6

TABLE Cumulative w/o Project-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 29A - Interstate 505 to County Road 95

NOTES: Yolo County Roadways 2 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 700      SPEED (MPH): 45      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) = 54.86

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	0.0	54.8



TABLE Cumulative w/o Project-05  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 29 - County Road 95 to County Road 98

NOTES: Yolo County Roadways 2 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 1600      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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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) = 58.45

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	94.8

TABLE Cumulative w/o Project-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 29 - State Route 113 to County Road 102

NOTES: Yolo County Roadways 2 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4600      SPEED (MPH): 45      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) = 63.04

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	89.0	191.3

TABLE Cumulative w/o Project-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 28H - County Road 102 to County Road 105

NOTES: Yolo County Roadways 2 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 3000      SPEED (MPH): 45      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) = 61.18

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	67.0	143.9

TABLE Cumulative w/o Project-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 27 - Interstate 505 to County Road 95

NOTES: Yolo County Roadways 2 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 3400      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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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) = 61.73

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	72.8	156.4

TABLE Cumulative w/o Project-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 27 - County Road 95 to County Road 98

NOTES: Yolo County Roadways 2 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 3800      SPEED (MPH): 45      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) = 62.21

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	78.4	168.4

TABLE Cumulative w/o Project-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 27 - County Road 98 to State Route 113

NOTES: Yolo County Roadways 2 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 6600      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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

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

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.61

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	52.8	113.1	243.2

TABLE Cumulative w/o Project-11  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 24 - County Road 90 to County Road 95

NOTES: Yolo County Roadways 2 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 1400      SPEED (MPH): 45      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) = 57.87

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	0.0	86.7

TABLE Cumulative w/o Project-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 24 - County Road 95 to County Road 98

NOTES: Yolo County Roadways 2 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4700      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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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) = 63.13

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	90.2	194.1



TABLE Cumulative w/o Project-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 23 - County Road 85B to County Road 89

NOTES: Yolo County Roadways 2 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 3400      SPEED (MPH): 45      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) = 61.73

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	72.8	156.4

TABLE Cumulative w/o Project-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 19 - County Road 87 to Interstate 505

NOTES: Yolo County Roadways 2 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 2100      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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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) = 59.63

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	53.0	113.5

TABLE Cumulative w/o Project-15  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 19 - Interstate 505 to County Road 94B

NOTES: Yolo County Roadways 2 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 2100      SPEED (MPH): 45      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) = 59.63

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	53.0	113.5

TABLE Cumulative w/o Project-16  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 16A - Interstate 5 to State Route 113

NOTES: Yolo County Roadways 2 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 1100      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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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) = 56.83

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	73.9

TABLE Cumulative w/o Project-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 17 - State Route 113 to County Road 102

NOTES: Yolo County Roadways 2 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 1200      SPEED (MPH): 45      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) = 57.20

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	0.0	78.3

TABLE Cumulative w/o Project-18  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 14 - County Road 85 to Interstate 505

NOTES: Yolo County Roadways 2 - Cumulative w/o Project

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\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 1000      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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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) = 56.41

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	69.4

TABLE Cumulative w/o Project-19  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 14 - Interstate 505 to Interstate 5

NOTES: Yolo County Roadways 2 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 1000      SPEED (MPH): 45      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) = 56.41

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	0.0	69.4

TABLE Cumulative w/o Project-20  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 13 - Interstate 5 to State Route 113

NOTES: Yolo County Roadways 2 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 3000      SPEED (MPH): 45      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) = 61.18

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	67.0	143.9



TABLE Cumulative w/o Project-21  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 12A - County Road 85 to Interstate 505

NOTES: Yolo County Roadways 2 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 200      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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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) = 49.42

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	0.0

TABLE Cumulative w/o Project-22  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 12A - Interstate 505 to County Road 99W

NOTES: Yolo County Roadways 2 - Cumulative w/o Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 200      SPEED (MPH): 45      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) = 49.42

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

TABLE Cumulative with Project-01  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 85 - State Route 16 to County Road 14

NOTES: Yolo County Roadways 1 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 2000      SPEED (MPH): 45      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) = 59.42

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	51.3	109.9

TABLE Cumulative with Project-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 85 - County Road 14 to County Road 8

NOTES: Yolo County Roadways 1 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 1000      SPEED (MPH): 45      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) = 56.41

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	0.0	69.4

TABLE Cumulative with Project-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 87 - State Route 16 to County Road 19

NOTES: Yolo County Roadways 1 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 600      SPEED (MPH): 45      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) = 54.19

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	0.0

TABLE Cumulative with Project-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 89 - County Road 29A to County Road 27

NOTES: Yolo County Roadways 1 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 10300      SPEED (MPH): 45      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) = 66.54

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	70.8	152.0	327.2

TABLE Cumulative with Project-05  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 89 - County Road 27 to County Road 24A

NOTES: Yolo County Roadways 1 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 14300      SPEED (MPH): 45      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) = 67.97

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	88.0	189.1	407.2

TABLE Cumulative with Project-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 89 - County Road 24A to State Route 16

NOTES: Yolo County Roadways 1 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 16300      SPEED (MPH): 45      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) = 68.53

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	95.9	206.4	444.3



TABLE Cumulative with Project-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 94B - State Route 16 to County Road 19

NOTES: Yolo County Roadways 1 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 1200      SPEED (MPH): 45      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) = 57.20

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	0.0	78.3

TABLE Cumulative with Project-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 98 - Solano County to County Road 31

NOTES: Yolo County Roadways 1 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4700      SPEED (MPH): 45      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) = 63.13

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	90.2	194.1

TABLE Cumulative with Project-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 98 - County Road 31 to County Road 29

NOTES: Yolo County Roadways 1 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 7000      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

---                      -----

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

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

\* \* CALCULATED NOISE LEVELS \* \*

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	54.8	117.6	253.0

TABLE Cumulative with Project-10  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 98 - County Road 29 to County Road 27

NOTES: Yolo County Roadways 1 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 8000      SPEED (MPH): 45      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) = 65.44

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	59.9	128.5	276.5

TABLE Cumulative with Project-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 98 - County Road 27 to County Road 24

NOTES: Yolo County Roadways 1 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 7900      SPEED (MPH): 45      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) = 65.39

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	59.4	127.4	274.2

TABLE Cumulative with Project-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 98 - County Road 24 to State Route 16

NOTES: Yolo County Roadways 1 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 9200      SPEED (MPH): 45      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) = 66.05

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	65.7	141.0	303.5

TABLE Cumulative with Project-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 98 - Main Street to Interstate 5

NOTES: Yolo County Roadways 1 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 9300      SPEED (MPH): 45      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) = 66.10

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	66.1	142.0	305.7

TABLE Cumulative with Project-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 99 - County Road 31 to County Road 27

NOTES: Yolo County Roadways 1 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 2100      SPEED (MPH): 45      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) = 59.63

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	53.0	113.5



TABLE Cumulative with Project-15  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 99 - County Road 27 to Gibson Road

NOTES: Yolo County Roadways 1 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 2700      SPEED (MPH): 45      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) = 60.73

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	62.5	134.2

TABLE Cumulative with Project-16  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 101A - West Covell Boulevard to County Road 29

NOTES: Yolo County Roadways 1 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 7200      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

\* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.99

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	55.9	119.8	257.8

TABLE Cumulative with Project-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 102 - East Covell Boulevard to County Road 29

NOTES: Yolo County Roadways 1 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 11400      SPEED (MPH): 45      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) = 66.98

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	75.7	162.6	350.1

TABLE Cumulative with Project-18  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 102 - County Road 29 to County Road 27

NOTES: Yolo County Roadways 1 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 14900      SPEED (MPH): 45      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) = 68.14

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	90.4	194.4	418.5

TABLE Cumulative with Project-19  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 102 - County Road 27 to Gibson Road

NOTES: Yolo County Roadways 1 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 18000      SPEED (MPH): 45      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) = 68.97

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	102.5	220.4	474.7

TABLE Cumulative with Project-20  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 102 - Gibson Road to Interstate 5

NOTES: Yolo County Roadways 1 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 28900      SPEED (MPH): 45      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) = 71.02

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
65.4	140.4	302.2	650.7

TABLE Cumulative with Project-21  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 102 - Interstate 5 to County Road 17

NOTES: Yolo County Roadways 1 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 17600      SPEED (MPH): 45      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) = 68.87

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	101.0	217.2	467.7

TABLE Cumulative with Project-22  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 102 - County Road 17 to County Road 113

NOTES: Yolo County Roadways 1 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 12900      SPEED (MPH): 45      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) = 67.52

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	82.2	176.6	380.2



TABLE Cumulative with Project-23  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 105 - County Road 32A to County Road 28H

NOTES: Yolo County Roadways 1 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4900      SPEED (MPH): 45      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) = 63.31

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	92.8	199.5

TABLE Cumulative with Project-24  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Old River Road - County Road 127 to County Road 118

NOTES: Yolo County Roadways 1 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 15200      SPEED (MPH): 45      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) = 68.23

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	91.6	197.0	424.1

TABLE Cumulative with Project-01  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: Russell Boulevard - Interstate 505 to County Road 31

NOTES: Yolo County Roadways 2 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 6700      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

\* \* CALCULATED NOISE LEVELS \* \*

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	53.3	114.2	245.7

TABLE Cumulative with Project-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 31 - County Road 93A to County Road 95

NOTES: Yolo County Roadways 2 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 7300      SPEED (MPH): 45      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) = 65.05

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	56.4	120.9	260.1

TABLE Cumulative with Project-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 31 - County Road 95 to County Road 98

NOTES: Yolo County Roadways 2 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 8200      SPEED (MPH): 45      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) = 65.55

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	60.9	130.6	281.1

TABLE Cumulative with Project-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 29A - Interstate 505 to County Road 95

NOTES: Yolo County Roadways 2 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 700      SPEED (MPH): 45      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) = 54.86

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	0.0	54.8

TABLE Cumulative with Project-05  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 29 - County Road 95 to County Road 98

NOTES: Yolo County Roadways 2 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 2600      SPEED (MPH): 45      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) = 60.56

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	61.0	130.8

TABLE Cumulative with Project-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 29 - State Route 113 to County Road 102

NOTES: Yolo County Roadways 2 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 5700      SPEED (MPH): 45      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) = 63.97

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	102.6	220.7



TABLE Cumulative with Project-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 28H - County Road 102 to County Road 105

NOTES: Yolo County Roadways 2 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4900      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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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) = 63.31

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	92.8	199.5

TABLE Cumulative with Project-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 27 - Interstate 505 to County Road 95

NOTES: Yolo County Roadways 2 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 3900      SPEED (MPH): 45      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) = 62.32

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	79.7	171.4

TABLE Cumulative with Project-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 27 - County Road 95 to County Road 98

NOTES: Yolo County Roadways 2 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 3500      SPEED (MPH): 45      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) = 61.85

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	74.2	159.5

TABLE Cumulative with Project-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 27 - County Road 98 to State Route 113

NOTES: Yolo County Roadways 2 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 7300      SPEED (MPH): 45      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) = 65.05

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	56.4	120.9	260.1

TABLE Cumulative with Project-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 24 - County Road 90 to County Road 95

NOTES: Yolo County Roadways 2 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 6700      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

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

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

\* \* CALCULATED NOISE LEVELS \* \*

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

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	53.3	114.2	245.7

TABLE Cumulative with Project-12  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 24 - County Road 95 to County Road 98

NOTES: Yolo County Roadways 2 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 7500      SPEED (MPH): 45      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) = 65.16

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	57.4	123.1	264.9

TABLE Cumulative with Project-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 23 - County Road 85B to County Road 89

NOTES: Yolo County Roadways 2 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4400      SPEED (MPH): 45      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) = 62.85

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	86.4	185.7

TABLE Cumulative with Project-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 19 - County Road 87 to Interstate 505

NOTES: Yolo County Roadways 2 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 4400      SPEED (MPH): 45      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) = 62.85

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	86.4	185.7



TABLE Cumulative with Project-15  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 19 - Interstate 505 to County Road 94B

NOTES: Yolo County Roadways 2 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 2500      SPEED (MPH): 45      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) = 60.39

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	59.4	127.5

TABLE Cumulative with Project-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 16A - Interstate 5 to State Route 113

NOTES: Yolo County Roadways 2 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 2200      SPEED (MPH): 45      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) = 59.84

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn			
70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	54.6	117.1

TABLE Cumulative with Project-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 17 - State Route 113 to County Road 102

NOTES: Yolo County Roadways 2 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 1200      SPEED (MPH): 45      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) = 57.20

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	0.0	78.3

TABLE Cumulative with Project-18  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 14 - County Road 85 to Interstate 505

NOTES: Yolo County Roadways 2 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 2300      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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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) = 60.03

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	56.2	120.6

TABLE Cumulative with Project-19  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 14 - Interstate 505 to Interstate 5

NOTES: Yolo County Roadways 2 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 1700      SPEED (MPH): 45      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) = 58.72

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	0.0	98.7

TABLE Cumulative with Project-20  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 13 - Interstate 5 to State Route 113

NOTES: Yolo County Roadways 2 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 2400      SPEED (MPH): 45      GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY                      NIGHT

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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) = 60.21

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	57.8	124.1

TABLE Cumulative with Project-21  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 12A - County Road 85 to Interstate 505

NOTES: Yolo County Roadways 2 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 200      SPEED (MPH): 45      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) = 49.42

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

TABLE Cumulative with Project-22  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/23/2009

ROADWAY SEGMENT: County Road 12A - Interstate 505 to County Road 99W

NOTES: Yolo County Roadways 2 - Cumulative with Project

\* \* ASSUMPTIONS \* \*

AVERAGE DAILY TRAFFIC: 200      SPEED (MPH): 45      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) = 49.42

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn -----	65 Ldn -----	60 Ldn -----	55 Ldn -----
0.0	0.0	0.0	0.0