

## Appendices

### Appendix I      Noise Data

## Appendices

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Scenario: EXISTING (1 of 2)  
 Roadway: Bouquet Canyon Rd  
 Segment: Elizabeth Lake Rd to Palmdale City Line

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		1,800
SPEED (mph)	40	
ROAD NEAR-FAR LN. DIST.	18	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	80	0	1	222	1	2	17	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-12.3	-36.1	-33.3	-7.9	-31.7	-28.8	-19.1	-42.9	-40.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	50.5	35.6	43.3	54.9	40.0	47.7	43.7	28.8	36.5
VEHICULAR NOISE	DAY=	51.4	Leq	EVENING=	55.8	Leq	NIGHT=	44.6	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	53.5
		CNEL=	55.1
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	8 17 37
		CNEL:	10 22 47

Scenario: EXISTING (1 of 2)  
 Roadway: Avenue N-8  
 Segment: 45th St W to 30th St W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		5,000
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	20	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	223	1	2	616	3	5	47	0	0
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-7.3	-31.1	-28.2	-2.9	-26.7	-23.8	-14.1	-37.9	-35.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.3	39.2	47.2	57.7	43.6	51.6	46.5	32.4	40.4
VEHICULAR NOISE	DAY=	54.4	Leq	EVENING=	58.8	Leq	NIGHT=	47.6	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 56.5 CNEL= 58.1
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 13 27 58 CNEL: 16 35 75

Scenario: EXISTING (1 of 2)  
 Roadway: 40th St W  
 Segment: Avenue N to Avenue N-8

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		5,000
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	20	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	223	1	2	616	3	5	47	0	0
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-7.3	-31.1	-28.2	-2.9	-26.7	-23.8	-14.1	-37.9	-35.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.3	39.2	47.2	57.7	43.6	51.6	46.5	32.4	40.4
VEHICULAR NOISE	DAY=	54.4	Leq	EVENING=	58.8	Leq	NIGHT=	47.6	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 56.5 CNEL= 58.1
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 13 27 58 CNEL: 16 35 75

Scenario: EXISTING (1 of 2)  
 Roadway: 35th St W  
 Segment: Avenue N to Avenue N-8

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		5,000
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	20	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	223	1	2	616	3	5	47	0	0
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-7.3	-31.1	-28.2	-2.9	-26.7	-23.8	-14.1	-37.9	-35.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.3	39.2	47.2	57.7	43.6	51.6	46.5	32.4	40.4
VEHICULAR NOISE	DAY=	54.4	Leq	EVENING=	58.8	Leq	NIGHT=	47.6	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 56.5 CNEL= 58.1
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 13 27 58 CNEL: 16 35 75

Scenario: EXISTING (1 of 2)  
 Roadway: 25th St W  
 Segment: Avenue O to Palmdale City Line

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	6,100
SPEED (mph)	50
ROAD NEAR-FAR LN. DIST.	54
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	272	1	2	751	3	6	57	0	0
Speed in MPH	50	50	50	50	50	50	50	50	50
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	71.1	78.8	83.0	71.1	78.8	83.0	71.1	78.8	83.0
ADJUSTMENTS									
Flow	-8.0	-31.8	-28.9	-3.5	-27.4	-24.5	-14.7	-38.6	-35.7
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	58.8	42.6	49.7	63.2	47.1	54.1	52.0	35.9	42.9
VEHICULAR NOISE	DAY=	59.4	Leq	EVENING=	63.8	Leq	NIGHT=	52.6	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 61.5 CNEL= 63.2
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 27 59 126 CNEL: 35 75 162

Scenario: EXISTING (1 of 2)  
 Roadway: Avenue N-8  
 Segment: 20th St W to Palmdale City Line

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		5,000
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	20	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	223	1	2	616	3	5	47	0	0
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-7.3	-31.1	-28.2	-2.9	-26.7	-23.8	-14.1	-37.9	-35.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.3	39.2	47.2	57.7	43.6	51.6	46.5	32.4	40.4
VEHICULAR NOISE	DAY=	54.4	Leq	EVENING=	58.8	Leq	NIGHT=	47.6	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 56.5 CNEL= 58.1
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 13 27 58 CNEL: 16 35 75



Scenario: EXISTING (1 of 2)  
 Roadway: Avenue Q  
 Segment: 60th St E to 75th St E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	8,800
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	392	2	3	1084	4	9	82	0	1
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-6.8	-30.6	-27.7	-2.4	-26.2	-23.3	-13.6	-37.4	-34.5
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	61.3	44.7	51.5	65.8	49.1	55.9	54.6	37.9	44.7
VEHICULAR NOISE	DAY=	61.9	Leq	EVENING=	66.3	Leq	NIGHT=	55.1	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	64.0
		CNEL=	65.6
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	40
		CNEL:	51
			86
			184
			237

Scenario: EXISTING (1 of 2)  
 Roadway: Avenue Q  
 Segment: 80th St E to 90th St E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	8,800
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	392	2	3	1084	4	9	82	0	1
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-6.8	-30.6	-27.7	-2.4	-26.2	-23.3	-13.6	-37.4	-34.5
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	61.3	44.7	51.5	65.8	49.1	55.9	54.6	37.9	44.7
VEHICULAR NOISE	DAY=	61.9	Leq	EVENING=	66.3	Leq	NIGHT=	55.1	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	64.0
		CNEL=	65.6
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	40
		CNEL:	51
			86
			184
			237

Scenario: EXISTING (1 of 2)  
 Roadway: Avenue Q  
 Segment: 90th St E to 120th St E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		1,000
SPEED (mph)	40	
ROAD NEAR-FAR LN. DIST.	18	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	45	0	0	123	1	1	9	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-14.8	-38.7	-35.8	-10.4	-34.2	-31.4	-21.6	-45.4	-42.6
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	47.9	33.1	40.8	52.3	37.5	45.2	41.1	26.3	34.0
VEHICULAR NOISE	DAY=	48.8	Leq	EVENING=	53.2	Leq	NIGHT=	42.0	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	50.9
		CNEL=	52.6
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	5 12 25
		CNEL:	7 15 32

Scenario: EXISTING (1 of 2)  
 Roadway: 120th St E  
 Segment: Avenue L to Avenue Q

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	5,200
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	232	1	2	640	3	5	49	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-9.1	-32.9	-30.0	-4.6	-28.5	-25.6	-15.9	-39.7	-36.8
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	59.1	42.4	49.2	63.5	46.8	53.6	52.3	35.6	42.4
VEHICULAR NOISE	DAY=	59.6	Leq	EVENING=	64.0	Leq	NIGHT=	52.8	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	61.7
		CNEL=	63.4
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	28
		CNEL:	36
			61
			130
			78
			168

Scenario: EXISTING (1 of 2)  
 Roadway: Avenue L  
 Segment: 40th St E to 45th St E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	500
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	22	0	0	62	0	0	5	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-19.2	-43.1	-40.2	-14.8	-38.6	-35.8	-26.0	-49.8	-47.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	48.9	32.2	39.0	53.3	36.6	43.5	42.1	25.4	32.3
VEHICULAR NOISE	DAY=	49.4	Leq	EVENING=	53.9	Leq	NIGHT=	42.6	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	51.6
		CNEL=	53.2
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	6 13 27
		CNEL:	8 16 35

Scenario: EXISTING (1 of 2)  
 Roadway: Avenue L  
 Segment: 50th St E to 80th St E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	500
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	22	0	0	62	0	0	5	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-19.2	-43.1	-40.2	-14.8	-38.6	-35.8	-26.0	-49.8	-47.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	48.9	32.2	39.0	53.3	36.6	43.5	42.1	25.4	32.3
VEHICULAR NOISE	DAY=	49.4	Leq	EVENING=	53.9	Leq	NIGHT=	42.6	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	51.6
		CNEL=	53.2
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	6 13 27
		CNEL:	8 16 35

Scenario: EXISTING (1 of 2)  
 Roadway: 10th St W  
 Segment: Palmdale City Line to Avenue O

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	26,800
SPEED (mph)	60
ROAD NEAR-FAR LN. DIST.	54
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1194	5	10	3301	14	26	250	1	2
Speed in MPH	60	60	60	60	60	60	60	60	60
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	74.2	80.8	84.5	74.2	80.8	84.5	74.2	80.8	84.5
ADJUSTMENTS									
Flow	-2.3	-26.1	-23.3	2.1	-21.7	-18.9	-9.1	-32.9	-30.1
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	67.5	50.3	56.9	71.9	54.7	61.3	60.7	43.5	50.1
VEHICULAR NOISE	DAY=	67.9	Leq	EVENING=	72.4	Leq	NIGHT=	61.1	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	70.1
		CNEL=	71.7
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	101
		CNEL:	130
			217
			469
			603

Scenario: EXISTING (1 of 2)  
 Roadway: 10th St W  
 Segment: Auto Center Dr to Elizabeth Lake Rd

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	22,000
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	980	4	8	2710	11	22	205	1	2
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-2.8	-26.6	-23.8	1.6	-22.2	-19.4	-9.6	-33.4	-30.6
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	65.8	49.1	55.9	70.2	53.5	60.3	59.0	42.3	49.1
VEHICULAR NOISE	DAY=	66.3	Leq	EVENING=	70.7	Leq	NIGHT=	59.5	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	68.4
			CNEL=	70.0
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	78
			CNEL:	100
				168
				363
				216
				466



Scenario: EXISTING (1 of 2)  
 Roadway: Avenue H  
 Segment: 110th St W to 105th St W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	500
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	22	0	0	62	0	0	5	0	0
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-18.4	-42.2	-39.3	-13.9	-37.8	-34.9	-25.1	-49.0	-46.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	46.4	30.8	38.2	50.8	35.3	42.6	39.6	24.1	31.4
VEHICULAR NOISE	DAY=	47.1	Leq	EVENING=	51.5	Leq	NIGHT=	40.3	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	49.2
		CNEL=	50.9
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	4 9 19
		CNEL:	5 11 25

Scenario: EXISTING (1 of 2)  
 Roadway: Avenue H  
 Segment: 97th St W to 92nd St W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	500
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	22	0	0	62	0	0	5	0	0
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-18.4	-42.2	-39.3	-13.9	-37.8	-34.9	-25.1	-49.0	-46.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	46.4	30.8	38.2	50.8	35.3	42.6	39.6	24.1	31.4
VEHICULAR NOISE	DAY=	47.1	Leq	EVENING=	51.5	Leq	NIGHT=	40.3	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	49.2
			CNEL=	50.9
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	4 9 19
			CNEL:	5 11 25

Scenario: EXISTING (1 of 2)  
 Roadway: Avenue H  
 Segment: 80th St W to 70th St W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	500
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	22	0	0	62	0	0	5	0	0
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-18.4	-42.2	-39.3	-13.9	-37.8	-34.9	-25.1	-49.0	-46.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	46.4	30.8	38.2	50.8	35.3	42.6	39.6	24.1	31.4
VEHICULAR NOISE	DAY=	47.1	Leq	EVENING=	51.5	Leq	NIGHT=	40.3	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	49.2
		CNEL=	50.9
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	4 9 19
		CNEL:	5 11 25

Scenario: EXISTING (1 of 2)  
 Roadway: Avenue F  
 Segment: 110th St W to Lancaster City Line

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	500
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	22	0	0	62	0	0	5	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-17.8	-41.7	-38.8	-13.4	-37.3	-34.4	-24.6	-48.5	-45.6
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	44.9	30.0	37.7	49.3	34.5	42.2	38.1	23.3	30.9
VEHICULAR NOISE	DAY=	45.8	Leq	EVENING=	50.2	Leq	NIGHT=	39.0	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	47.9
		CNEL=	49.6
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	3
		CNEL:	4
			7
			16
			20

Scenario: EXISTING (1 of 2)  
 Roadway: Avenue F  
 Segment: Lancaster City Line to 95th St W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		600
SPEED (mph)	40	
ROAD NEAR-FAR LN. DIST.	14.75	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	27	0	0	74	0	1	6	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-17.1	-40.9	-38.0	-12.6	-36.5	-33.6	-23.8	-47.7	-44.8
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	45.7	30.8	38.5	50.1	35.3	42.9	38.9	24.0	31.7
VEHICULAR NOISE	DAY=	46.6	Leq	EVENING=	51.0	Leq	NIGHT=	39.8	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	48.7
			CNEL=	50.3
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	4 8 18
			CNEL:	5 11 23

Scenario: EXISTING (1 of 2)  
 Roadway: Avenue F  
 Segment: 95th St W to 70th St W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		1,800
SPEED (mph)	40	
ROAD NEAR-FAR LN. DIST.	16	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	80	0	1	222	1	2	17	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-12.3	-36.1	-33.3	-7.9	-31.7	-28.8	-19.1	-42.9	-40.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	50.5	35.6	43.3	54.9	40.0	47.7	43.7	28.8	36.5
VEHICULAR NOISE	DAY=	51.4	Leq	EVENING=	55.8	Leq	NIGHT=	44.6	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	53.5
			CNEL=	55.1
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	8
			CNEL:	10
				17
				37
				47

Scenario: EXISTING (1 of 2)  
 Roadway: Avenue E  
 Segment: 110th St W to Lancaster City Line

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	500
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	22	0	0	62	0	0	5	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-17.8	-41.7	-38.8	-13.4	-37.3	-34.4	-24.6	-48.5	-45.6
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	44.9	30.0	37.7	49.3	34.5	42.2	38.1	23.3	30.9
VEHICULAR NOISE	DAY=	45.8	Leq	EVENING=	50.2	Leq	NIGHT=	39.0	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	47.9
		CNEL=	49.6
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	3 7 16
		CNEL:	4 9 20

Scenario: EXISTING (1 of 2)  
 Roadway: Avenue E  
 Segment: 100th St W to 70th St W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	1,800
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	16
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	80	0	1	222	1	2	17	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-12.3	-36.1	-33.3	-7.9	-31.7	-28.8	-19.1	-42.9	-40.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	50.5	35.6	43.3	54.9	40.0	47.7	43.7	28.8	36.5
VEHICULAR NOISE	DAY=	51.4	Leq	EVENING=	55.8	Leq	NIGHT=	44.6	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	53.5	
		CNEL=	55.1	
NOISE CONTOUR:		70 dBA	65 dBA	60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	8	17
		CNEL:	10	22
			37	47



Scenario: EXISTING (1 of 2)  
 Roadway: 100th St W  
 Segment: Lancaster Blvd to Avenue J

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		500
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	14.75	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	22	0	0	62	0	0	5	0	0
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-17.3	-41.1	-38.2	-12.9	-36.7	-33.8	-24.1	-47.9	-45.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	43.2	29.1	37.2	47.7	33.6	41.6	36.4	22.3	30.4
VEHICULAR NOISE	DAY=	44.3	Leq	EVENING=	48.8	Leq	NIGHT=	37.5	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	46.5
			CNEL=	48.1
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	3 6 13
			CNEL:	3 7 16

Scenario: EXISTING (1 of 2)  
 Roadway: 100th St W  
 Segment: Avenue D to Avenue D-8

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		500
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	16	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	22	0	0	62	0	0	5	0	0
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-17.3	-41.1	-38.2	-12.9	-36.7	-33.8	-24.1	-47.9	-45.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	43.2	29.1	37.2	47.7	33.6	41.6	36.5	22.4	30.4
VEHICULAR NOISE	DAY=	44.3	Leq	EVENING=	48.8	Leq	NIGHT=	37.6	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	46.5
			CNEL=	48.1
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	3 6 13
			CNEL:	3 7 16

Scenario: EXISTING (1 of 2)  
 Roadway: 100th St W  
 Segment: Avenue E to Avenue F

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		500
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	16	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	22	0	0	62	0	0	5	0	0
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-17.3	-41.1	-38.2	-12.9	-36.7	-33.8	-24.1	-47.9	-45.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	43.2	29.1	37.2	47.7	33.6	41.6	36.5	22.4	30.4
VEHICULAR NOISE	DAY=	44.3	Leq	EVENING=	48.8	Leq	NIGHT=	37.6	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	46.5
			CNEL=	48.1
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	3 6 13
			CNEL:	3 7 16

Scenario: EXISTING (1 of 2)  
 Roadway: 80th St W  
 Segment: Lancaster City Line to Lancaster City Line

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	1,700
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	76	0	1	209	1	2	16	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-13.9	-37.7	-34.9	-9.5	-33.3	-30.5	-20.7	-44.5	-41.7
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	54.2	37.5	44.3	58.6	41.9	48.7	47.4	30.7	37.5
VEHICULAR NOISE	DAY=	54.7	Leq	EVENING=	59.1	Leq	NIGHT=	47.9	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	56.8
		CNEL=	58.5
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	13
		CNEL:	17

Scenario: EXISTING (1 of 2)  
 Roadway: Avenue K-8  
 Segment: 52nd St W to 50th St W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	600
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	18
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	27	0	0	74	0	1	6	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-17.1	-40.9	-38.0	-12.6	-36.5	-33.6	-23.8	-47.7	-44.8
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	45.7	30.8	38.5	50.1	35.3	43.0	38.9	24.1	31.7
VEHICULAR NOISE	DAY=	46.6	Leq	EVENING=	51.0	Leq	NIGHT=	39.8	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	48.7
		CNEL=	50.4
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	4 8 18
		CNEL:	5 11 23

Scenario: EXISTING (1 of 2)  
 Roadway: 70th St E  
 Segment: Lancaster City Line to Avenue K-8

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		500
SPEED (mph)	55	
ROAD NEAR-FAR LN. DIST.	14.75	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	22	0	0	62	0	0	5	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-19.2	-43.1	-40.2	-14.8	-38.6	-35.8	-26.0	-49.8	-47.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	48.9	32.2	39.0	53.3	36.6	43.4	42.1	25.4	32.2
VEHICULAR NOISE	DAY=	49.4	Leq	EVENING=	53.8	Leq	NIGHT=	42.6	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	51.5
			CNEL=	53.2
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	6 13 27
			CNEL:	8 16 35

Scenario: EXISTING (1 of 2)  
 Roadway: 70th St E  
 Segment: Avenue K-12 to Avenue L

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	500
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	22	0	0	62	0	0	5	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-19.2	-43.1	-40.2	-14.8	-38.6	-35.8	-26.0	-49.8	-47.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	48.9	32.2	39.0	53.3	36.6	43.4	42.1	25.4	32.2
VEHICULAR NOISE	DAY=	49.4	Leq	EVENING=	53.8	Leq	NIGHT=	42.6	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	51.5
		CNEL=	53.2
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	6 13 27
		CNEL:	8 16 35

Scenario: EXISTING (1 of 2)  
 Roadway: 100th St E  
 Segment: Avenue J to Avenue J-8

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		500
SPEED (mph)	55	
ROAD NEAR-FAR LN. DIST.	16	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	22	0	0	62	0	0	5	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-19.2	-43.1	-40.2	-14.8	-38.6	-35.8	-26.0	-49.8	-47.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	48.9	32.2	39.0	53.3	36.6	43.4	42.1	25.4	32.2
VEHICULAR NOISE	DAY=	49.4	Leq	EVENING=	53.8	Leq	NIGHT=	42.6	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	51.5
			CNEL=	53.2
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	6 13 27
			CNEL:	8 16 35



Scenario: EXISTING (1 of 2)  
 Roadway: 100th St E  
 Segment: Lancaster City Line to Avenue L

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	500
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	16
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	22	0	0	62	0	0	5	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-19.2	-43.1	-40.2	-14.8	-38.6	-35.8	-26.0	-49.8	-47.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	48.9	32.2	39.0	53.3	36.6	43.4	42.1	25.4	32.2
VEHICULAR NOISE	DAY=	49.4	Leq	EVENING=	53.8	Leq	NIGHT=	42.6	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	51.5
		CNEL=	53.2
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	6 13 27
		CNEL:	8 16 35

Scenario: EXISTING (1 of 2)  
 Roadway: Avenue L  
 Segment: 55th St W to 40th St W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	7,300
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	325	1	3	899	4	7	68	0	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-6.2	-30.0	-27.2	-1.8	-25.6	-22.8	-13.0	-36.8	-34.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	56.6	41.7	49.4	61.0	46.1	53.8	49.8	34.9	42.6
VEHICULAR NOISE	DAY=	57.5	Leq	EVENING=	61.9	Leq	NIGHT=	50.7	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	59.6
			CNEL=	61.2
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	20
			CNEL:	26
				44
				94
				121

Scenario: EXISTING (1 of 2)  
 Roadway: Avenue G  
 Segment: 25th St W to Division St

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	5,200
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	232	1	2	640	3	5	49	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-9.1	-32.9	-30.0	-4.6	-28.5	-25.6	-15.9	-39.7	-36.8
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	59.1	42.4	49.2	63.5	46.8	53.6	52.3	35.6	42.4
VEHICULAR NOISE	DAY=	59.6	Leq	EVENING=	64.0	Leq	NIGHT=	52.8	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	61.7
		CNEL=	63.4
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	28 61 130
		CNEL:	36 78 168

Scenario: EXISTING (1 of 2)  
 Roadway: Avenue H  
 Segment: Division St to 40th St E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	9,000
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	401	2	3	1109	5	9	84	0	1
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-6.7	-30.5	-27.7	-2.3	-26.1	-23.2	-13.5	-37.3	-34.4
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	61.5	44.8	51.6	65.9	49.2	56.0	54.7	38.0	44.8
VEHICULAR NOISE	DAY=	62.0	Leq	EVENING=	66.4	Leq	NIGHT=	55.2	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	64.1
		CNEL=	65.7
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	40 87 188
		CNEL:	52 112 242

Scenario: EXISTING (1 of 2)  
 Roadway: 50th St E  
 Segment: Avenue K-4 to Avenue L

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	2,200
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	98	0	1	271	1	2	21	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-12.8	-36.6	-33.8	-8.4	-32.2	-29.4	-19.6	-43.4	-40.6
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	55.4	38.7	45.5	59.8	43.1	49.9	48.6	31.9	38.7
VEHICULAR NOISE	DAY=	55.9	Leq	EVENING=	60.3	Leq	NIGHT=	49.1	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	58.0
			CNEL=	59.6
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	16
			CNEL:	20
				34
				73
				44
				94

Scenario: EXISTING (1 of 2)  
 Roadway: Elizabeth Lake Rd  
 Segment: Johnson Rd to Portal Pass Rd

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	2,700
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	120	0	1	333	1	3	25	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-11.9	-35.7	-32.9	-7.5	-31.3	-28.5	-18.7	-42.5	-39.7
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	56.2	39.5	46.3	60.6	43.9	50.8	49.4	32.7	39.5
VEHICULAR NOISE	DAY=	56.7	Leq	EVENING=	61.1	Leq	NIGHT=	49.9	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	58.8
		CNEL=	60.5
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	18
		CNEL:	23
			39
			84
			108

Scenario: EXISTING (1 of 2)  
 Roadway: Amargosa Creek Rd  
 Segment: Portal Pass Rd to Johnson Rd

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		5,000
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	20	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	223	1	2	616	3	5	47	0	0
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-7.3	-31.1	-28.2	-2.9	-26.7	-23.8	-14.1	-37.9	-35.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.3	39.2	47.2	57.7	43.6	51.6	46.5	32.4	40.4
VEHICULAR NOISE	DAY=	54.4	Leq	EVENING=	58.8	Leq	NIGHT=	47.6	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	56.5
		CNEL=	58.1
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	13
		CNEL:	16
			27
			58
			75

Scenario: EXISTING (1 of 2)  
 Roadway: Avenue M  
 Segment: Elizabeth Lake Rd to 80th St W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		5,000
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	20	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	223	1	2	616	3	5	47	0	0
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-7.3	-31.1	-28.2	-2.9	-26.7	-23.8	-14.1	-37.9	-35.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.3	39.2	47.2	57.7	43.6	51.6	46.5	32.4	40.4
VEHICULAR NOISE	DAY=	54.4	Leq	EVENING=	58.8	Leq	NIGHT=	47.6	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	56.5
		CNEL=	58.1
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	13
		CNEL:	16
			27
			58
			75



Scenario: EXISTING (1 of 2)  
 Roadway: 110th St W  
 Segment: Johnson Rd to Avenue M

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		5,000
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	20	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	223	1	2	616	3	5	47	0	0
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-7.3	-31.1	-28.2	-2.9	-26.7	-23.8	-14.1	-37.9	-35.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.3	39.2	47.2	57.7	43.6	51.6	46.5	32.4	40.4
VEHICULAR NOISE	DAY=	54.4	Leq	EVENING=	58.8	Leq	NIGHT=	47.6	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	56.5
			CNEL=	58.1
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	13
			CNEL:	16
				27
				58
				75

Scenario: EXISTING (1 of 2)  
 Roadway: Johnson Rd  
 Segment: Elizabeth Lake Rd to 110th St W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	2,400
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	107	0	1	296	1	2	22	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-11.0	-34.9	-32.0	-6.6	-30.4	-27.6	-17.8	-41.6	-38.8
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	51.7	36.9	44.5	56.1	41.3	49.0	44.9	30.1	37.8
VEHICULAR NOISE	DAY=	52.6	Leq	EVENING=	57.0	Leq	NIGHT=	45.8	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	54.7
		CNEL=	56.4
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	10 21 44
		CNEL:	12 27 57

Scenario: EXISTING (1 of 2)  
 Roadway: San Fransisquito Canyon Rd  
 Segment: Angeles National Forest Boundary to Elizabeth Lake Rd

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	1,600
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	18
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	71	0	1	197	1	2	15	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-12.8	-36.6	-33.8	-8.4	-32.2	-29.4	-19.6	-43.4	-40.6
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	50.0	35.1	42.8	54.4	39.5	47.2	43.2	28.3	36.0
VEHICULAR NOISE	DAY=	50.8	Leq	EVENING=	55.3	Leq	NIGHT=	44.1	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	53.0
		CNEL=	54.6
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	7 16 34
		CNEL:	9 20 44

Scenario: EXISTING (1 of 2)  
 Roadway: Portal Pass Rd  
 Segment: Elizabeth Lake Rd to Ritter Ranch Rd

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		5,000
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	20	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	223	1	2	616	3	5	47	0	0
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-7.3	-31.1	-28.2	-2.9	-26.7	-23.8	-14.1	-37.9	-35.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.3	39.2	47.2	57.7	43.6	51.6	46.5	32.4	40.4
VEHICULAR NOISE	DAY=	54.4	Leq	EVENING=	58.8	Leq	NIGHT=	47.6	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	56.5
		CNEL=	58.1
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	13
		CNEL:	16
			27
			58
			75

Scenario: EXISTING (1 of 2)  
 Roadway: Ritter Ranch Rd  
 Segment: Portal Pass Rd to Bouquet Canyon Rd

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		5,000
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	20	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	223	1	2	616	3	5	47	0	0
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-7.3	-31.1	-28.2	-2.9	-26.7	-23.8	-14.1	-37.9	-35.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.3	39.2	47.2	57.7	43.6	51.6	46.5	32.4	40.4
VEHICULAR NOISE	DAY=	54.4	Leq	EVENING=	58.8	Leq	NIGHT=	47.6	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	56.5
		CNEL=	58.1
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	13
		CNEL:	16
			27
			58
			75

Scenario: EXISTING (1 of 2)  
 Roadway: 87th St W  
 Segment: Ritter Ranch Rd to Elizabeth Lake Rd

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		5,000
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	20	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	223	1	2	616	3	5	47	0	0
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-7.3	-31.1	-28.2	-2.9	-26.7	-23.8	-14.1	-37.9	-35.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.3	39.2	47.2	57.7	43.6	51.6	46.5	32.4	40.4
VEHICULAR NOISE	DAY=	54.4	Leq	EVENING=	58.8	Leq	NIGHT=	47.6	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	56.5
		CNEL=	58.1
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	13
		CNEL:	16
			27
			58
			75

Scenario: EXISTING (1 of 2)  
 Roadway: Avenue L-8  
 Segment: 10th St W to SR 14

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		4,300
SPEED (mph)	40	
ROAD NEAR-FAR LN. DIST.	54	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	AUTOS	DAYTIME MT	HT	AUTOS	EVENING MT	HT	AUTOS	NIGHT MT	HT
Vehicles per hour	192	1	2	530	2	4	40	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-8.5	-32.3	-29.5	-4.1	-27.9	-25.1	-15.3	-39.1	-36.3
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	54.5	39.6	47.3	58.9	44.0	51.7	47.7	32.8	40.5
VEHICULAR NOISE	DAY=	55.4	Leq	EVENING=	59.8	Leq	NIGHT=	48.6	Leq

RESULTS						
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	57.5		
			CNEL=	59.1		
			70	65	60	
			70 dBA	65 dBA	60 dBA	
NOISE CONTOUR:						
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	15	32	68
			CNEL:	19	41	87

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	47.3	
		CNEL=	48.9	
NOISE CONTOUR:			70	65
			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			60	60 dBA
	Ldn:	3	7	14
	CNEL:	4	8	18



VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	57.1	
		CNEL=	58.7	
NOISE CONTOUR:			70	65
			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			60	60 dBA
	Ldn:	14	30	64
	CNEL:	18	38	82

Scenario: EXISTING (1 of 2)  
 Roadway: Davenport Road  
 Segment: Sierra Highway to Agua Dulce Canyon Road

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	1,800
SPEED (mph)	50
ROAD NEAR-FAR LN. DIST.	16
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

CALCULATION AREA									
	AUTOS	DAYTIME MT	HT	AUTOS	EVENING MT	HT	AUTOS	NIGHT MT	HT
Vehicles per hour	80	0	1	222	1	2	17	0	0
Speed in MPH	50	50	50	50	50	50	50	50	50
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	71.1	78.8	83.0	71.1	78.8	83.0	71.1	78.8	83.0
ADJUSTMENTS									
Flow	-13.3	-37.1	-34.2	-8.8	-32.7	-29.8	-20.0	-43.9	-41.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.3	37.1	44.2	57.7	41.5	48.6	46.5	30.3	37.4
VEHICULAR NOISE	DAY=	53.9	Leq	EVENING=	58.3	Leq	NIGHT=	47.1	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	56.0
			CNEL=	57.6
			70	65
			70 dBA	65 dBA
NOISE CONTOUR:			60	60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	12
			CNEL:	15
			25	54
			32	69

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.1%
% MT	0.4%	EVENING	37.4%
% HT	0.8%	NIGHT	8.5%

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	59.8	
		CNEL=	61.5	
NOISE CONTOUR:			70	65
			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	21	45
		CNEL:	27	58
			60	126

Scenario: EXISTING (2 of 2)  
 Roadway: Escondido Canyon Road  
 Segment: Agua Dulce Canyon Road to SCV Planning Boundary

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		2,000
SPEED (mph)	40	
ROAD NEAR-FAR LN. DIST.	16	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	89	0	1	249	1	2	17	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-11.8	-35.6	-32.8	-7.4	-31.2	-28.3	-18.9	-42.8	-39.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	50.9	36.1	43.8	55.4	40.5	48.2	43.8	28.9	36.6
VEHICULAR NOISE	DAY=	51.8	Leq	EVENING=	56.3	Leq	NIGHT=	44.7	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	53.8
		CNEL=	55.5
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	8
		CNEL:	11
			18
			39
			50

Scenario: EXISTING (2 of 2)  
 Roadway: W Avenue J  
 Segment: 90th Street E to 100th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	500
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	22	0	0	62	0	0	4	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-17.8	-41.7	-38.8	-13.4	-37.2	-34.4	-25.0	-48.8	-45.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	44.9	30.1	37.8	49.4	34.5	42.2	37.8	22.9	30.6
VEHICULAR NOISE	DAY=	45.8	Leq	EVENING=	50.3	Leq	NIGHT=	38.7	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	47.8
		CNEL=	49.5
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	3 7 15
		CNEL:	4 9 20

Scenario: EXISTING (2 of 2)  
 Roadway: W Avenue J  
 Segment: 100th Street E to 110th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	500
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	22	0	0	62	0	0	4	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-17.8	-41.7	-38.8	-13.4	-37.2	-34.4	-25.0	-48.8	-45.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	44.9	30.1	37.8	49.4	34.5	42.2	37.8	22.9	30.6
VEHICULAR NOISE	DAY=	45.8	Leq	EVENING=	50.3	Leq	NIGHT=	38.7	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	47.8
			CNEL=	49.5
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	3 7 15
			CNEL:	4 9 20

Scenario: EXISTING (2 of 2)  
 Roadway: W Avenue J  
 Segment: 110th Street E to 140th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		500
SPEED (mph)	40	
ROAD NEAR-FAR LN. DIST.	14.75	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	22	0	0	62	0	0	4	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-17.8	-41.7	-38.8	-13.4	-37.2	-34.4	-25.0	-48.8	-45.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	44.9	30.1	37.8	49.4	34.5	42.2	37.8	22.9	30.6
VEHICULAR NOISE	DAY=	45.8	Leq	EVENING=	50.3	Leq	NIGHT=	38.7	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 47.8 CNEL= 49.5
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 3 7 15 CNEL: 4 9 20

Scenario: EXISTING (2 of 2)  
 Roadway: W Avenue J  
 Segment: 140th Street E to 150th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		500
SPEED (mph)	40	
ROAD NEAR-FAR LN. DIST.	14.75	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	22	0	0	62	0	0	4	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-17.8	-41.7	-38.8	-13.4	-37.2	-34.4	-25.0	-48.8	-45.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	44.9	30.1	37.8	49.4	34.5	42.2	37.8	22.9	30.6
VEHICULAR NOISE	DAY=	45.8	Leq	EVENING=	50.3	Leq	NIGHT=	38.7	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 47.8 CNEL= 49.5
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 3 7 15 CNEL: 4 9 20



Scenario: EXISTING (2 of 2)  
 Roadway: W Avenue J  
 Segment: 150th Street E to 170th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		500
SPEED (mph)	40	
ROAD NEAR-FAR LN. DIST.	14.75	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	22	0	0	62	0	0	4	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-17.8	-41.7	-38.8	-13.4	-37.2	-34.4	-25.0	-48.8	-45.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	44.9	30.1	37.8	49.4	34.5	42.2	37.8	22.9	30.6
VEHICULAR NOISE	DAY=	45.8	Leq	EVENING=	50.3	Leq	NIGHT=	38.7	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 47.8 CNEL= 49.5
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 3 7 15 CNEL: 4 9 20

Scenario: EXISTING (2 of 2)  
 Roadway: W Avenue J  
 Segment: 170th Street E to 200th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		500
SPEED (mph)	40	
ROAD NEAR-FAR LN. DIST.	14.75	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	22	0	0	62	0	0	4	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-17.8	-41.7	-38.8	-13.4	-37.2	-34.4	-25.0	-48.8	-45.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	44.9	30.1	37.8	49.4	34.5	42.2	37.8	22.9	30.6
VEHICULAR NOISE	DAY=	45.8	Leq	EVENING=	50.3	Leq	NIGHT=	38.7	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 47.8 CNEL= 49.5
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 3 7 15 CNEL: 4 9 20

Scenario: EXISTING (2 of 2)  
 Roadway: Lancaster Road  
 Segment: W Avenue I to 190th Street W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	500
SPEED (mph)	35
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	22	0	0	62	0	0	4	0	0
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-17.3	-41.1	-38.2	-12.8	-36.6	-33.8	-24.4	-48.2	-45.4
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	43.3	29.2	37.3	47.7	33.6	41.7	36.2	22.1	30.1
VEHICULAR NOISE	DAY=	44.4	Leq	EVENING=	48.8	Leq	NIGHT=	37.3	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	46.4	
		CNEL=	48.1	
NOISE CONTOUR:		70 dBA	65 dBA	60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	3	6
		CNEL:	3	7

Scenario: EXISTING (2 of 2)  
 Roadway: Lancaster Road  
 Segment: 190th Street W to 170th Street W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	500
SPEED (mph)	35
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	22	0	0	62	0	0	4	0	0
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-17.3	-41.1	-38.2	-12.8	-36.6	-33.8	-24.4	-48.2	-45.4
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	43.3	29.2	37.3	47.7	33.6	41.7	36.2	22.1	30.1
VEHICULAR NOISE	DAY=	44.4	Leq	EVENING=	48.8	Leq	NIGHT=	37.3	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	46.4
		CNEL=	48.1
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	3 6 12
		CNEL:	3 7 16

Scenario: EXISTING (2 of 2)  
 Roadway: Lancaster Road  
 Segment: 170th Street W to 110th Street W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	700
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	31	0	0	87	0	1	6	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-16.4	-40.2	-37.3	-11.9	-35.7	-32.9	-23.5	-47.3	-44.5
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	46.4	31.6	39.2	50.9	36.0	43.7	39.3	24.4	32.1
VEHICULAR NOISE	DAY=	47.3	Leq	EVENING=	51.7	Leq	NIGHT=	40.2	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	49.3	
		CNEL=	51.0	
NOISE CONTOUR:		70 dBA	65 dBA	60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	4	9
		CNEL:	5	12
			19	25

Scenario: EXISTING (2 of 2)  
 Roadway: Lancaster Road  
 Segment: 110th Street W to 90th Street W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	600
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	27	0	0	75	0	1	5	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-17.0	-40.9	-38.0	-12.6	-36.4	-33.6	-24.2	-48.0	-45.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	45.7	30.9	38.6	50.2	35.3	43.0	38.6	23.7	31.4
VEHICULAR NOISE	DAY=	46.6	Leq	EVENING=	51.1	Leq	NIGHT=	39.5	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 48.6 CNEL= 50.3
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 4 8 17 CNEL: 5 10 23

Scenario: EXISTING (2 of 2)  
 Roadway: Lancaster Road  
 Segment: 90th Street W to 70th Street W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		800
SPEED (mph)	40	
ROAD NEAR-FAR LN. DIST.	25	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	36	0	0	100	0	1	7	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-15.8	-39.6	-36.8	-11.3	-35.2	-32.3	-22.9	-46.7	-43.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	47.0	32.1	39.8	51.4	36.6	44.3	39.9	25.0	32.7
VEHICULAR NOISE	DAY=	47.9	Leq	EVENING=	52.3	Leq	NIGHT=	40.7	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	49.8
			CNEL=	51.5
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	5 10 21
			CNEL:	6 13 27

Scenario: EXISTING (2 of 2)  
 Roadway: Lancaster Road  
 Segment: 70th Street W to 60th Street W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		800
SPEED (mph)	40	
ROAD NEAR-FAR LN. DIST.	25	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	36	0	0	100	0	1	7	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-15.8	-39.6	-36.8	-11.3	-35.2	-32.3	-22.9	-46.7	-43.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	47.0	32.1	39.8	51.4	36.6	44.3	39.9	25.0	32.7
VEHICULAR NOISE	DAY=	47.9	Leq	EVENING=	52.3	Leq	NIGHT=	40.7	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	49.8
			CNEL=	51.5
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	5 10 21
			CNEL:	6 13 27



Scenario: EXISTING (2 of 2)  
 Roadway: 170th Street E  
 Segment: Avenue T to Avenue W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	3,500
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	18
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	156	1	1	436	2	3	30	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-9.4	-33.2	-30.4	-4.9	-28.8	-25.9	-16.5	-40.3	-37.5
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.4	38.5	46.2	57.8	43.0	50.7	46.3	31.4	39.1
VEHICULAR NOISE	DAY=	54.3	Leq	EVENING=	58.7	Leq	NIGHT=	47.1	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	56.2
		CNEL=	57.9
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	12
		CNEL:	16
			26
			56
			73

Scenario: EXISTING (2 of 2)  
 Roadway: 170th Street E  
 Segment: Avenue W to 165th Street

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		1,000
SPEED (mph)	40	
ROAD NEAR-FAR LN. DIST.	18	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	45	0	0	125	1	1	9	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-14.8	-38.6	-35.8	-10.4	-34.2	-31.3	-22.0	-45.8	-42.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	47.9	33.1	40.8	52.4	37.5	45.2	40.8	25.9	33.6
VEHICULAR NOISE	DAY=	48.8	Leq	EVENING=	53.3	Leq	NIGHT=	41.7	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	50.8
		CNEL=	52.5
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	5 11 24
		CNEL:	7 15 32

Scenario: EXISTING (2 of 2)  
 Roadway: Elizabeth Lake Road  
 Segment: Johnson Road to San Francisquito Canyon Road

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	1,400
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	15
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	63	0	1	174	1	1	12	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-13.4	-37.2	-34.3	-8.9	-32.7	-29.9	-20.5	-44.3	-41.5
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	49.4	34.5	42.2	53.8	39.0	46.7	42.3	27.4	35.1
VEHICULAR NOISE	DAY=	50.3	Leq	EVENING=	54.7	Leq	NIGHT=	43.1	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	52.2
		CNEL=	53.9
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	7 14 30
		CNEL:	9 18 39

Scenario: EXISTING (2 of 2) Project: 0  
 Roadway: Elizabeth Lake Road Analyst: NJF  
 Segment: San Francisquito Canyon Road to Bouquet Canyon Road Date: 08-Aug-14

ROADWAY INPUTS	
ADT	2,400
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	107	0	1	299	1	2	21	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-12.4	-36.2	-33.4	-8.0	-31.8	-28.9	-19.5	-43.4	-40.5
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	55.7	39.0	45.8	60.2	43.5	50.3	48.6	31.9	38.7
VEHICULAR NOISE	DAY=	56.2	Leq	EVENING=	60.7	Leq	NIGHT=	49.1	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	58.2
		CNEL=	59.9
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	16
		CNEL:	21
			35
			76
			98

Scenario: EXISTING (2 of 2)  
 Roadway: Elizabeth Lake Road  
 Segment: Bouquet Canyon Road to Godde Hill Road

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	6,800
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	304	1	2	847	4	7	59	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-6.5	-30.3	-27.5	-2.0	-25.9	-23.0	-13.6	-37.5	-34.6
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	56.3	41.4	49.1	60.7	45.8	53.5	49.1	34.3	42.0
VEHICULAR NOISE	DAY=	57.1	Leq	EVENING=	61.6	Leq	NIGHT=	50.0	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	59.1
		CNEL=	60.8
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	19
		CNEL:	24
			40
			87
			113

Scenario: EXISTING (2 of 2)  
 Roadway: E Avenue P  
 Segment: 15th Street E to 20th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	18,000
SPEED (mph)	60
ROAD NEAR-FAR LN. DIST.	44.25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	805	3	6	2241	9	18	156	1	1
Speed in MPH	60	60	60	60	60	60	60	60	60
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	74.2	80.8	84.5	74.2	80.8	84.5	74.2	80.8	84.5
ADJUSTMENTS									
Flow	-4.0	-27.9	-25.0	0.4	-23.4	-20.6	-11.2	-35.0	-32.1
Distance	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	65.7	48.5	55.1	70.2	53.0	59.5	58.6	41.4	47.9
VEHICULAR NOISE	DAY=	66.1	Leq	EVENING=	70.6	Leq	NIGHT=	59.0	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	68.1	
		CNEL=	69.8	
NOISE CONTOUR:		70 dBA	65 dBA	60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	75	161
		CNEL:	97	209
			347	451

Scenario: EXISTING (2 of 2)  
 Roadway: E Avenue P  
 Segment: 20th Street E to 25th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	17,800
SPEED (mph)	60
ROAD NEAR-FAR LN. DIST.	44.25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	796	3	6	2216	9	18	154	1	1
Speed in MPH	60	60	60	60	60	60	60	60	60
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	74.2	80.8	84.5	74.2	80.8	84.5	74.2	80.8	84.5
ADJUSTMENTS									
Flow	-4.1	-27.9	-25.1	0.4	-23.5	-20.6	-11.2	-35.0	-32.2
Distance	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	65.7	48.5	55.0	70.1	52.9	59.5	58.5	41.3	47.9
VEHICULAR NOISE	DAY=	66.1	Leq	EVENING=	70.5	Leq	NIGHT=	59.0	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 68.1 CNEL= 69.8
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 74 160 345 CNEL: 96 208 447

Scenario: EXISTING (2 of 2)  
 Roadway: E Avenue P  
 Segment: 25th Street E to 30th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	6,400
SPEED (mph)	60
ROAD NEAR-FAR LN. DIST.	44.25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	286	1	2	797	3	6	55	0	0
Speed in MPH	60	60	60	60	60	60	60	60	60
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	74.2	80.8	84.5	74.2	80.8	84.5	74.2	80.8	84.5
ADJUSTMENTS									
Flow	-8.5	-32.3	-29.5	-4.1	-27.9	-25.0	-15.7	-39.5	-36.6
Distance	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	61.2	44.0	50.6	65.7	48.5	55.0	54.1	36.9	43.5
VEHICULAR NOISE	DAY=	61.6	Leq	EVENING=	66.1	Leq	NIGHT=	54.5	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	63.6
		CNEL=	65.3
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	38
		CNEL:	49
			81
			174
			226



Scenario: EXISTING (2 of 2)  
 Roadway: E Avenue P  
 Segment: 30th Street E to 40th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	2,200
SPEED (mph)	60
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	98	0	1	274	1	2	19	0	0
Speed in MPH	60	60	60	60	60	60	60	60	60
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	74.2	80.8	84.5	74.2	80.8	84.5	74.2	80.8	84.5
ADJUSTMENTS									
Flow	-13.2	-37.0	-34.1	-8.7	-32.5	-29.7	-20.3	-44.1	-41.3
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	56.4	39.2	45.8	60.9	43.7	50.3	49.3	32.1	38.7
VEHICULAR NOISE	DAY=	56.9	Leq	EVENING=	61.3	Leq	NIGHT=	49.7	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	58.8
		CNEL=	60.5
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	18
		CNEL:	23
			39
			84
			109

Scenario: EXISTING (2 of 2)  
 Roadway: E Avenue P  
 Segment: 40th Street E to 47th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	500
SPEED (mph)	50
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	22	0	0	62	0	0	4	0	0
Speed in MPH	50	50	50	50	50	50	50	50	50
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	71.1	78.8	83.0	71.1	78.8	83.0	71.1	78.8	83.0
ADJUSTMENTS									
Flow	-18.8	-42.6	-39.8	-14.4	-38.2	-35.3	-25.9	-49.8	-46.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	47.7	31.6	38.6	52.2	36.0	43.1	40.6	24.4	31.5
VEHICULAR NOISE	DAY=	48.3	Leq	EVENING=	52.8	Leq	NIGHT=	41.2	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	50.3
		CNEL=	52.0
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	5 10 23
		CNEL:	6 14 29

Scenario: EXISTING (2 of 2)  
 Roadway: E Avenue P  
 Segment: 47th Street E to 70th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	500
SPEED (mph)	50
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	22	0	0	62	0	0	4	0	0
Speed in MPH	50	50	50	50	50	50	50	50	50
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	71.1	78.8	83.0	71.1	78.8	83.0	71.1	78.8	83.0
ADJUSTMENTS									
Flow	-18.8	-42.6	-39.8	-14.4	-38.2	-35.3	-25.9	-49.8	-46.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	47.7	31.6	38.6	52.2	36.0	43.1	40.6	24.4	31.5
VEHICULAR NOISE	DAY=	48.3	Leq	EVENING=	52.8	Leq	NIGHT=	41.2	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	50.3
		CNEL=	52.0
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	5 10 23
		CNEL:	6 14 29

Scenario: EXISTING (2 of 2)  
 Roadway: 200th Street E  
 Segment: E Avenue G to E Avenue J

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	1,000
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	18
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	45	0	0	125	1	1	9	0	0
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-15.3	-39.2	-36.3	-10.9	-34.7	-31.9	-22.5	-46.3	-43.4
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	49.4	33.9	41.2	53.9	38.3	45.7	42.3	26.7	34.1
VEHICULAR NOISE	DAY=	50.1	Leq	EVENING=	54.6	Leq	NIGHT=	43.0	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	52.1
		CNEL=	53.8
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	6 14 30
		CNEL:	8 18 39

Scenario: EXISTING (2 of 2)  
 Roadway: E Palmdale Boulevard  
 Segment: 90th Street E to 95th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	11,700
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	523	2	4	1457	6	12	101	0	1
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-5.5	-29.3	-26.5	-1.1	-24.9	-22.0	-12.7	-36.5	-33.6
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	62.6	45.9	52.7	67.0	50.4	57.2	55.5	38.8	45.6
VEHICULAR NOISE	DAY=	63.1	Leq	EVENING=	67.6	Leq	NIGHT=	56.0	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	65.1
		CNEL=	66.8
NOISE CONTOUR:		70 dBA	65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	47 101 218
		CNEL:	61 131 283

Scenario: EXISTING (2 of 2)  
 Roadway: E Palmdale Boulevard  
 Segment: 95th Street E to 100th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	11,900
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	532	2	4	1482	6	12	103	0	1
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-5.5	-29.3	-26.4	-1.0	-24.8	-22.0	-12.6	-36.4	-33.6
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	62.7	46.0	52.8	67.1	50.4	57.2	55.5	38.8	45.7
VEHICULAR NOISE	DAY=	63.2	Leq	EVENING=	67.6	Leq	NIGHT=	56.0	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	65.2
		CNEL=	66.8
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	48 102 220
		CNEL:	62 133 286

Scenario: EXISTING (2 of 2)  
 Roadway: E Palmdale Boulevard  
 Segment: 100th Street E to 105th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	11,300
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	505	2	4	1407	6	11	98	0	1
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-5.7	-29.5	-26.6	-1.2	-25.0	-22.2	-12.8	-36.6	-33.8
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	62.4	45.8	52.6	66.9	50.2	57.0	55.3	38.6	45.4
VEHICULAR NOISE	DAY=	63.0	Leq	EVENING=	67.4	Leq	NIGHT=	55.8	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	64.9
		CNEL=	66.6
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	46 99 213
		CNEL:	60 128 276

Scenario: EXISTING (2 of 2)  
 Roadway: E Palmdale Boulevard  
 Segment: 105th Street E to 110 Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	11,000
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	492	2	4	1370	6	11	95	0	1
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-5.8	-29.6	-26.8	-1.3	-25.2	-22.3	-12.9	-36.7	-33.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	62.3	45.6	52.4	66.8	50.1	56.9	55.2	38.5	45.3
VEHICULAR NOISE	DAY=	62.8	Leq	EVENING=	67.3	Leq	NIGHT=	55.7	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	64.8
		CNEL=	66.5
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	45 97 209
		CNEL:	58 126 272



Scenario: EXISTING (2 of 2)  
 Roadway: W Avenue G  
 Segment: SR-14 Antelope Valley Freeway to 15th Street W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	4,400
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	197	1	2	548	2	4	38	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-9.8	-33.6	-30.7	-5.3	-29.1	-26.3	-16.9	-40.7	-37.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	58.4	41.7	48.5	62.8	46.1	53.0	51.3	34.6	41.4
VEHICULAR NOISE	DAY=	58.9	Leq	EVENING=	63.3	Leq	NIGHT=	51.8	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	60.9
		CNEL=	62.6
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	25
		CNEL:	32
			53
			114
			148

Scenario: EXISTING (2 of 2)  
 Roadway: W Avenue G  
 Segment: 15th Street W to 10th Street W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	4,500
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	201	1	2	560	2	4	39	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-9.7	-33.5	-30.6	-5.2	-29.0	-26.2	-16.8	-40.6	-37.8
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	58.5	41.8	48.6	62.9	46.2	53.0	51.3	34.7	41.5
VEHICULAR NOISE	DAY=	59.0	Leq	EVENING=	63.4	Leq	NIGHT=	51.9	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	61.0
		CNEL=	62.7
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	25
		CNEL:	32
			54
			116
			70
			150

Scenario: EXISTING (2 of 2)  
 Roadway: W Avenue G  
 Segment: 10th Street W to Sierra Highway

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		5,200
SPEED (mph)	55	
ROAD NEAR-FAR LN. DIST.	25	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	232	1	2	648	3	5	45	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-9.0	-32.9	-30.0	-4.6	-28.4	-25.6	-16.2	-40.0	-37.2
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	59.1	42.4	49.2	63.6	46.9	53.7	52.0	35.3	42.1
VEHICULAR NOISE	DAY=	59.6	Leq	EVENING=	64.1	Leq	NIGHT=	52.5	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	61.6
			CNEL=	63.3
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	27
			CNEL:	36
				59
				128
				166

Scenario: EXISTING (2 of 2)  
 Roadway: W Avenue G  
 Segment: Sierra Highway to Division Street

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	4,700
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	210	1	2	585	2	5	41	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-9.5	-33.3	-30.5	-5.0	-28.9	-26.0	-16.6	-40.4	-37.6
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	58.7	42.0	48.8	63.1	46.4	53.2	51.5	34.8	41.7
VEHICULAR NOISE	DAY=	59.2	Leq	EVENING=	63.6	Leq	NIGHT=	52.0	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	61.1
		CNEL=	62.8
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	26
		CNEL:	33
			55
			119
			72
			155

Scenario: EXISTING (2 of 2)  
 Roadway: E Avenue O  
 Segment: 145th Street E to 150th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	6,600
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	295	1	2	822	3	7	57	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-8.0	-31.8	-29.0	-3.6	-27.4	-24.5	-15.1	-39.0	-36.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	60.1	43.4	50.2	64.6	47.9	54.7	53.0	36.3	43.1
VEHICULAR NOISE	DAY=	60.6	Leq	EVENING=	65.1	Leq	NIGHT=	53.5	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	62.6
		CNEL=	64.3
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	32
		CNEL:	42
			69
			149
			193

Scenario: EXISTING (2 of 2)  
 Roadway: E Avenue O  
 Segment: 150th Street E to 170th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	2,000
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	89	0	1	249	1	2	17	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-13.2	-37.0	-34.2	-8.7	-32.6	-29.7	-20.3	-44.1	-41.3
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	54.9	38.2	45.0	59.4	42.7	49.5	47.8	31.1	37.9
VEHICULAR NOISE	DAY=	55.4	Leq	EVENING=	59.9	Leq	NIGHT=	48.3	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	57.4
		CNEL=	59.1
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	14
		CNEL:	19
			31
			67
			87

Scenario: EXISTING (2 of 2)  
 Roadway: E Avenue O  
 Segment: 170th Street E to 175th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	2,400
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	107	0	1	299	1	2	21	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-12.4	-36.2	-33.4	-8.0	-31.8	-28.9	-19.5	-43.4	-40.5
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	55.7	39.0	45.8	60.2	43.5	50.3	48.6	31.9	38.7
VEHICULAR NOISE	DAY=	56.2	Leq	EVENING=	60.7	Leq	NIGHT=	49.1	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	58.2
		CNEL=	59.9
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	16
		CNEL:	21
			35
			76
			98

Scenario: EXISTING (2 of 2)  
 Roadway: E Avenue O  
 Segment: 175th Street E to 180th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	2,500
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	112	0	1	311	1	2	22	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-12.2	-36.0	-33.2	-7.8	-31.6	-28.7	-19.4	-43.2	-40.3
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	55.9	39.2	46.0	60.3	43.7	50.5	48.8	32.1	38.9
VEHICULAR NOISE	DAY=	56.4	Leq	EVENING=	60.9	Leq	NIGHT=	49.3	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	58.4
		CNEL=	60.1
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	17
		CNEL:	22
			36
			78
			101



Scenario: EXISTING (2 of 2)  
 Roadway: E Avenue O  
 Segment: 180th Street E to 200th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	2,500
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	18
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	112	0	1	311	1	2	22	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-12.2	-36.0	-33.2	-7.8	-31.6	-28.7	-19.4	-43.2	-40.3
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	55.9	39.2	46.0	60.4	43.7	50.5	48.8	32.1	38.9
VEHICULAR NOISE	DAY=	56.4	Leq	EVENING=	60.9	Leq	NIGHT=	49.3	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	58.4
		CNEL=	60.1
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	17
		CNEL:	22
			36
			78
			101

Scenario: EXISTING (2 of 2)  
 Roadway: E Avenue O  
 Segment: 200th Street E to 210 Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	2,300
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	18
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	103	0	1	286	1	2	20	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-12.6	-36.4	-33.6	-8.1	-32.0	-29.1	-19.7	-43.5	-40.7
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	55.5	38.9	45.7	60.0	43.3	50.1	48.4	31.7	38.5
VEHICULAR NOISE	DAY=	56.1	Leq	EVENING=	60.5	Leq	NIGHT=	48.9	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	58.0
		CNEL=	59.7
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	16
		CNEL:	21
			34
			74
			44
			96

Scenario: EXISTING (2 of 2)  
 Roadway: E Avenue O  
 Segment: 210 Street E to 240th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	2,000
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	18
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	89	0	1	249	1	2	17	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-13.2	-37.0	-34.2	-8.7	-32.6	-29.7	-20.3	-44.1	-41.3
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	54.9	38.2	45.1	59.4	42.7	49.5	47.8	31.1	37.9
VEHICULAR NOISE	DAY=	55.4	Leq	EVENING=	59.9	Leq	NIGHT=	48.3	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	57.4
		CNEL=	59.1
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	14
		CNEL:	19
			31
			67
			87

Scenario: EXISTING (2 of 2)  
 Roadway: W Avenue L  
 Segment: Rancho Vista Road to 45th Street W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	5,500
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	246	1	2	685	3	5	48	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-7.4	-31.2	-28.4	-3.0	-26.8	-23.9	-14.6	-38.4	-35.5
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	55.4	40.5	48.2	59.8	45.0	52.6	48.2	33.4	41.1
VEHICULAR NOISE	DAY=	56.3	Leq	EVENING=	60.7	Leq	NIGHT=	49.1	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 58.2 CNEL= 59.9
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 16 35 76 CNEL: 21 46 99

Scenario: EXISTING (2 of 2)  
 Roadway: W Avenue L  
 Segment: 45th Street W to 40th Street W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	7,300
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	326	1	3	909	4	7	63	0	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-6.2	-30.0	-27.2	-1.7	-25.6	-22.7	-13.3	-37.1	-34.3
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	56.6	41.7	49.4	61.0	46.2	53.9	49.5	34.6	42.3
VEHICULAR NOISE	DAY=	57.5	Leq	EVENING=	61.9	Leq	NIGHT=	50.3	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	59.4
		CNEL=	61.1
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	20
		CNEL:	26
			43
			92
			119

Scenario: EXISTING (2 of 2)  
 Roadway: Pearblossom Highway (SR-138)  
 Segment: 70th Street E to E Avenue T 8

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	18,400
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	44.25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	823	3	7	2291	10	18	159	1	1
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-2.7	-26.5	-23.7	1.8	-22.1	-19.2	-9.8	-33.6	-30.8
Distance	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	62.2	46.7	54.0	66.7	51.1	58.5	55.1	39.5	46.9
VEHICULAR NOISE	DAY=	62.9	Leq	EVENING=	67.4	Leq	NIGHT=	55.8	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	64.9
		CNEL=	66.6
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	46 98 212
		CNEL:	59 128 275

Scenario: EXISTING (2 of 2)  
 Roadway: Pearblossom Highway (SR-138)  
 Segment: E Avenue T 8 to 82nd Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	17,600
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	787	3	6	2192	9	18	152	1	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-2.4	-26.2	-23.3	2.1	-21.7	-18.9	-9.5	-33.3	-30.5
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	60.4	45.5	53.2	64.8	50.0	57.7	53.3	38.4	46.1
VEHICULAR NOISE	DAY=	61.3	Leq	EVENING=	65.7	Leq	NIGHT=	54.1	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	63.2
			CNEL=	64.9
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	35
			CNEL:	46
				76
				164
				213

Scenario: EXISTING (2 of 2)  
 Roadway: Pearblossom Highway (SR-138)  
 Segment: 82nd Street E to 87th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	13,500
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	604	3	5	1681	7	13	117	0	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-3.5	-27.3	-24.5	0.9	-22.9	-20.0	-10.7	-34.5	-31.6
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	59.2	44.4	52.1	63.7	48.8	56.5	52.1	37.2	44.9
VEHICULAR NOISE	DAY=	60.1	Leq	EVENING=	64.6	Leq	NIGHT=	53.0	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	62.1
		CNEL=	63.8
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	30
		CNEL:	39
			64
			138
			83
			179



Scenario: EXISTING (2 of 2)  
 Roadway: Pearblossom Highway (SR-138)  
 Segment: 87th Street E to 96th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		16,000
SPEED (mph)	55	
ROAD NEAR-FAR LN. DIST.	14.75	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	715	3	6	1992	8	16	138	1	1
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-4.2	-28.0	-25.1	0.3	-23.5	-20.7	-11.3	-35.1	-32.3
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	64.0	47.3	54.1	68.4	51.7	58.5	56.8	40.1	46.9
VEHICULAR NOISE	DAY=	64.5	Leq	EVENING=	68.9	Leq	NIGHT=	57.3	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	66.4
			CNEL=	68.1
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	58
			CNEL:	75
				125
				269
				162
				349

Scenario: EXISTING (2 of 2)  
 Roadway: Pearblossom Highway (SR-138)  
 Segment: 96th Street E to 106th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	17,900
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	44.25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	800	3	6	2229	9	18	155	1	1
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-3.7	-27.5	-24.6	0.8	-23.0	-20.2	-10.8	-34.6	-31.8
Distance	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	64.6	47.9	54.7	69.0	52.3	59.2	57.5	40.8	47.6
VEHICULAR NOISE	DAY=	65.1	Leq	EVENING=	69.5	Leq	NIGHT=	58.0	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	67.1
		CNEL=	68.8
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	64 137 296
		CNEL:	83 178 384

Scenario: EXISTING (2 of 2)  
 Roadway: Pearblossom Highway (SR-138)  
 Segment: 106th Street E to 116th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	17,800
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	44.25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	796	3	6	2216	9	18	154	1	1
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-3.7	-27.5	-24.7	0.7	-23.1	-20.2	-10.8	-34.7	-31.8
Distance	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	64.6	47.9	54.7	69.0	52.3	59.1	57.4	40.7	47.6
VEHICULAR NOISE	DAY=	65.1	Leq	EVENING=	69.5	Leq	NIGHT=	57.9	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	67.0
		CNEL=	68.7
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	64 137 295
		CNEL:	82 178 383

Scenario: EXISTING (2 of 2)  
 Roadway: Pearblossom Highway (SR-138)  
 Segment: 116th Street E to 126th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	17,700
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	791	3	6	2204	9	18	153	1	1
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-3.7	-27.5	-24.7	0.7	-23.1	-20.2	-10.9	-34.7	-31.8
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	64.4	47.7	54.5	68.8	52.2	59.0	57.3	40.6	47.4
VEHICULAR NOISE	DAY=	64.9	Leq	EVENING=	69.4	Leq	NIGHT=	57.8	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	66.9
			CNEL=	68.6
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	62
			CNEL:	80
				133
				287
				373

Scenario: EXISTING (2 of 2)  
 Roadway: Pearblossom Highway (SR-138)  
 Segment: 126th Street E to 131st Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		18,600
SPEED (mph)	50	
ROAD NEAR-FAR LN. DIST.	14.75	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	832	3	7	2316	10	19	161	1	1
Speed in MPH	50	50	50	50	50	50	50	50	50
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	71.1	78.8	83.0	71.1	78.8	83.0	71.1	78.8	83.0
ADJUSTMENTS									
Flow	-3.1	-26.9	-24.1	1.4	-22.5	-19.6	-10.2	-34.0	-31.2
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	63.4	47.3	54.3	67.9	51.7	58.8	56.3	40.1	47.2
VEHICULAR NOISE	DAY=	64.0	Leq	EVENING=	68.5	Leq	NIGHT=	56.9	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn= 66.0 CNEL= 67.7
NOISE CONTOUR:			70 65 60
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			70 dBA 65 dBA 60 dBA
Ldn:			54 116 251
CNEL:			70 151 325

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	64.7
		CNEL=	66.4
NOISE CONTOUR:		70	65
		70 dBA	60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	206
		CNEL:	268

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	57.3	
		CNEL=	59.0	
			70	65
			70 dBA	65 dBA
NOISE CONTOUR:			60	60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	14	31
		CNEL:	19	40
			86	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	60.3
		CNEL=	62.0
NOISE CONTOUR:		70	65
		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	23
		CNEL:	29
		60	105
		60 dBA	137



VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	98.8%	DAY	54.3%
% MT	0.4%	EVENING	37.8%
% HT	0.8%	NIGHT	7.9%

RESULTS						
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	60.3		
			CNEL=	62.0		
NOISE CONTOUR:			70	65	60	
			70 dBA	65 dBA	60 dBA	
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	23	49	105
			CNEL:	29	63	137

Scenario: EXISTING I-5  
Roadway: I-5 Freeway  
Segment: North of SR-138

Project: 0  
Analyst: NJF  
Date: 08-Aug-14

ROADWAY INPUTS	
ADT	70,579
SPEED (mph)	65
ROAD NEAR-FAR LN. DIST.	120
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	76.7%	DAY	62.3%
% MT	5.5%	EVENING	15.4%
% HT	17.8%	NIGHT	22.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2813	201	653	2774	198	644	1341	96	311
Speed in MPH	65	65	65	65	65	65	65	65	65
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	75.5	81.7	85.2	75.5	81.7	85.2	75.5	81.7	85.2
ADJUSTMENTS									
Flow	1.1	-10.4	-5.3	1.0	-10.5	-5.3	-2.2	-13.6	-8.5
Distance	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	73.4	68.1	76.8	73.4	68.1	76.7	70.2	64.9	73.5
VEHICULAR NOISE	DAY=	78.8	Leq	EVENING=	78.7	Leq	NIGHT=	75.6	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	82.6
		CNEL=	83.1
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	694
		CNEL:	745
			1496
			3223
			1604
			3456

Scenario: EXISTING I-5  
Roadway: I-5 Freeway  
Segment: South of SR-138

Project: 0  
Analyst: NJF  
Date: 08-Aug-14

ROADWAY INPUTS		
ADT		67,874
SPEED (mph)	65	
ROAD NEAR-FAR LN. DIST.	120	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	76.7%	DAY	62.3%
% MT	5.5%	EVENING	15.4%
% HT	17.8%	NIGHT	22.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2705	193	628	2668	191	619	1289	92	299
Speed in MPH	65	65	65	65	65	65	65	65	65
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	75.5	81.7	85.2	75.5	81.7	85.2	75.5	81.7	85.2
ADJUSTMENTS									
Flow	0.9	-10.6	-5.5	0.8	-10.6	-5.5	-2.3	-13.8	-8.7
Distance	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	73.3	68.0	76.6	73.2	67.9	76.5	70.0	64.8	73.4
VEHICULAR NOISE	DAY=	78.6	Leq	EVENING=	78.6	Leq	NIGHT=	75.4	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 82.5 CNEL= 82.9
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 676 1457 3140 CNEL: 725 1563 3367

Scenario: EXISTING SR-14  
 Roadway: SR-14  
 Segment: North of Avenue D/SR-138

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		44,297
SPEED (mph)	70	
ROAD NEAR-FAR LN. DIST.	100	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	95.1%	DAY	62.3%
% MT	2.6%	EVENING	15.4%
% HT	2.3%	NIGHT	22.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2189	59	53	2159	59	53	1043	28	25
Speed in MPH	70	70	70	70	70	70	70	70	70
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	76.8	82.5	85.8	76.8	82.5	85.8	76.8	82.5	85.8
ADJUSTMENTS									
Flow	-0.4	-16.0	-16.5	-0.4	-16.1	-16.5	-3.6	-19.2	-19.7
Distance	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	72.8	62.8	65.7	72.7	62.8	65.6	69.5	59.6	62.4
VEHICULAR NOISE	DAY=	73.9	Leq	EVENING=	73.8	Leq	NIGHT=	70.7	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 77.7 CNEL= 78.2
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 326 703 1514 CNEL: 350 754 1624

Scenario: EXISTING SR-14  
 Roadway: SR-14  
 Segment: South of Avenue D/SR-138

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		46,341
SPEED (mph)	70	
ROAD NEAR-FAR LN. DIST.	100	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	95.1%	DAY	62.3%
% MT	2.6%	EVENING	15.4%
% HT	2.3%	NIGHT	22.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2290	62	56	2258	61	55	1091	30	27
Speed in MPH	70	70	70	70	70	70	70	70	70
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	76.8	82.5	85.8	76.8	82.5	85.8	76.8	82.5	85.8
ADJUSTMENTS									
Flow	-0.2	-15.8	-16.3	-0.2	-15.9	-16.4	-3.4	-19.0	-19.5
Distance	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	72.9	63.0	65.9	72.9	63.0	65.8	69.7	59.8	62.6
VEHICULAR NOISE	DAY=	74.1	Leq	EVENING=	74.0	Leq	NIGHT=	70.9	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 77.9 CNEL= 78.4
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 336 724 1560 CNEL: 360 777 1673

Scenario: EXISTING SR-14  
 Roadway: SR-14  
 Segment: South of SR-138/High Desert Cor.

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	71,364
SPEED (mph)	65
ROAD NEAR-FAR LN. DIST.	100
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	95.1%	DAY	62.3%
% MT	2.6%	EVENING	15.4%
% HT	2.3%	NIGHT	22.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3526	96	86	3477	94	85	1680	46	41
Speed in MPH	65	65	65	65	65	65	65	65	65
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	75.5	81.7	85.2	75.5	81.7	85.2	75.5	81.7	85.2
ADJUSTMENTS									
Flow	2.0	-13.6	-14.1	2.0	-13.7	-14.2	-1.2	-16.8	-17.3
Distance	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	73.9	64.4	67.4	73.8	64.3	67.4	70.7	61.2	64.2
VEHICULAR NOISE	DAY=	75.2	Leq	EVENING=	75.1	Leq	NIGHT=	71.9	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	79.0
		CNEL=	79.4
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	397
		CNEL:	426
			855
			1843
			917
			1976

Scenario: EXISTING SR-138  
 Roadway: SR-138  
 Segment: Between I-5 and 300th Street W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	4,605
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	79.4%	DAY	62.3%
% MT	1.4%	EVENING	15.4%
% HT	19.2%	NIGHT	22.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	190	3	46	187	3	45	91	2	22
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-9.0	-26.6	-15.2	-9.1	-26.6	-15.3	-12.3	-29.8	-18.4
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	55.7	46.4	62.3	55.6	46.4	62.2	52.5	43.2	59.1
VEHICULAR NOISE	DAY=	63.3	Leq	EVENING=	63.2	Leq	NIGHT=	60.0	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 67.1 CNEL= 67.5
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 64 138 296 CNEL: 68 147 318

Scenario: EXISTING SR-138  
 Roadway: SR-138  
 Segment: Between 300th St W and 190th St W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	3,498
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	79.4%	DAY	62.3%
% MT	1.4%	EVENING	15.4%
% HT	19.2%	NIGHT	22.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	144	3	35	142	3	34	69	1	17
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-10.2	-27.8	-16.4	-10.3	-27.8	-16.5	-13.5	-31.0	-19.6
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	54.5	45.3	61.1	54.4	45.2	61.1	51.3	42.0	57.9
VEHICULAR NOISE	DAY=	62.1	Leq	EVENING=	62.0	Leq	NIGHT=	58.8	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 65.9 CNEL= 66.3
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 53 114 247 CNEL: 57 123 264



Scenario: EXISTING SR-138  
 Roadway: Avenue D/SR-138  
 Segment: Between 190th Street W and SR-14

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	3,927
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	79.4%	DAY	62.3%
% MT	1.4%	EVENING	15.4%
% HT	19.2%	NIGHT	22.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	162	3	39	160	3	39	77	1	19
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-9.7	-27.3	-15.9	-9.8	-27.3	-16.0	-13.0	-30.5	-19.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	55.0	45.8	61.6	54.9	45.7	61.6	51.8	42.5	58.4
VEHICULAR NOISE	DAY=	62.6	Leq	EVENING=	62.5	Leq	NIGHT=	59.3	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 66.4 CNEL= 66.8
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 57 124 266 CNEL: 62 133 286

Scenario: BUILDOUT SR-14  
 Roadway: SR-14  
 Segment: North of Avenue D/SR-138

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		65,910
SPEED (mph)	70	
ROAD NEAR-FAR LN. DIST.	100	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	95.1%	DAY	62.3%
% MT	2.6%	EVENING	15.4%
% HT	2.3%	NIGHT	22.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3256	88	79	3212	87	78	1552	42	38
Speed in MPH	70	70	70	70	70	70	70	70	70
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	76.8	82.5	85.8	76.8	82.5	85.8	76.8	82.5	85.8
ADJUSTMENTS									
Flow	1.4	-14.3	-14.8	1.3	-14.4	-14.8	-1.8	-17.5	-18.0
Distance	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	74.5	64.6	67.4	74.4	64.5	67.3	71.3	61.3	64.2
VEHICULAR NOISE	DAY=	75.6	Leq	EVENING=	75.5	Leq	NIGHT=	72.4	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 79.4 CNEL= 79.9
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 425 916 1973 CNEL: 456 982 2116

Scenario: BUILDOUT SR-14  
 Roadway: SR-14  
 Segment: South of Avenue D/SR-138

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		99,241
SPEED (mph)	70	
ROAD NEAR-FAR LN. DIST.	100	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	95.1%	DAY	62.3%
% MT	2.6%	EVENING	15.4%
% HT	2.3%	NIGHT	22.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	4903	133	119	4836	131	118	2337	63	57
Speed in MPH	70	70	70	70	70	70	70	70	70
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	76.8	82.5	85.8	76.8	82.5	85.8	76.8	82.5	85.8
ADJUSTMENTS									
Flow	3.1	-12.5	-13.0	3.1	-12.6	-13.0	-0.1	-15.7	-16.2
Distance	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	76.3	66.3	69.2	76.2	66.3	69.1	73.0	63.1	65.9
VEHICULAR NOISE	DAY=	77.4	Leq	EVENING=	77.3	Leq	NIGHT=	74.2	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 81.2 CNEL= 81.7
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 558 1203 2592 CNEL: 599 1290 2780

Scenario: BUILDOUT SR-14  
 Roadway: SR-14  
 Segment: South of SR-138/High Desert Cor.

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	98,897
SPEED (mph)	65
ROAD NEAR-FAR LN. DIST.	100
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	95.1%	DAY	62.3%
% MT	2.6%	EVENING	15.4%
% HT	2.3%	NIGHT	22.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	4886	133	119	4819	131	117	2329	63	57
Speed in MPH	65	65	65	65	65	65	65	65	65
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	75.5	81.7	85.2	75.5	81.7	85.2	75.5	81.7	85.2
ADJUSTMENTS									
Flow	3.5	-12.2	-12.7	3.4	-12.3	-12.7	0.2	-15.4	-15.9
Distance	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	75.3	65.8	68.8	75.3	65.8	68.8	72.1	62.6	65.6
VEHICULAR NOISE	DAY=	76.6	Leq	EVENING=	76.5	Leq	NIGHT=	73.4	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	80.4
			CNEL=	80.9
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	493
			CNEL:	529
				1063
				2290
				1140
				2456

Scenario: BUILDOUT SR-14  
 Roadway: High Desert Corridor  
 Segment: East of 125th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	64,728
SPEED (mph)	65
ROAD NEAR-FAR LN. DIST.	100
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	95.1%	DAY	62.3%
% MT	2.6%	EVENING	15.4%
% HT	2.3%	NIGHT	22.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3198	87	78	3154	86	77	1524	41	37
Speed in MPH	65	65	65	65	65	65	65	65	65
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	75.5	81.7	85.2	75.5	81.7	85.2	75.5	81.7	85.2
ADJUSTMENTS									
Flow	1.6	-14.0	-14.5	1.6	-14.1	-14.6	-1.6	-17.3	-17.7
Distance	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	73.5	64.0	67.0	73.4	63.9	66.9	70.3	60.8	63.8
VEHICULAR NOISE	DAY=	74.7	Leq	EVENING=	74.7	Leq	NIGHT=	71.5	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	78.6
		CNEL=	79.0
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	372
		CNEL:	399
			801
			1726
			1851

Scenario: BUILDOUT SR-14  
 Roadway: SR-14  
 Segment: North of Avenue D/SR-138

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		65,910
SPEED (mph)	70	
ROAD NEAR-FAR LN. DIST.	100	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	95.1%	DAY	62.3%
% MT	2.6%	EVENING	15.4%
% HT	2.3%	NIGHT	22.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3256	88	79	3212	87	78	1552	42	38
Speed in MPH	70	70	70	70	70	70	70	70	70
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	76.8	82.5	85.8	76.8	82.5	85.8	76.8	82.5	85.8
ADJUSTMENTS									
Flow	1.4	-14.3	-14.8	1.3	-14.4	-14.8	-1.8	-17.5	-18.0
Distance	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	74.5	64.6	67.4	74.4	64.5	67.3	71.3	61.3	64.2
VEHICULAR NOISE	DAY=	75.6	Leq	EVENING=	75.5	Leq	NIGHT=	72.4	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 79.4 CNEL= 79.9
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 425 916 1973 CNEL: 456 982 2116

Scenario: BUILDOUT SR-14  
 Roadway: SR-14  
 Segment: South of Avenue D/SR-138

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		99,241
SPEED (mph)	70	
ROAD NEAR-FAR LN. DIST.	100	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	95.1%	DAY	62.3%
% MT	2.6%	EVENING	15.4%
% HT	2.3%	NIGHT	22.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	4903	133	119	4836	131	118	2337	63	57
Speed in MPH	70	70	70	70	70	70	70	70	70
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	76.8	82.5	85.8	76.8	82.5	85.8	76.8	82.5	85.8
ADJUSTMENTS									
Flow	3.1	-12.5	-13.0	3.1	-12.6	-13.0	-0.1	-15.7	-16.2
Distance	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	76.3	66.3	69.2	76.2	66.3	69.1	73.0	63.1	65.9
VEHICULAR NOISE	DAY=	77.4	Leq	EVENING=	77.3	Leq	NIGHT=	74.2	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 81.2 CNEL= 81.7
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 558 1203 2592 CNEL: 599 1290 2780

Scenario: BUILDOUT SR-14  
 Roadway: SR-14  
 Segment: South of SR-138/High Desert Cor.

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	98,897
SPEED (mph)	65
ROAD NEAR-FAR LN. DIST.	100
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	95.1%	DAY	62.3%
% MT	2.6%	EVENING	15.4%
% HT	2.3%	NIGHT	22.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	4886	133	119	4819	131	117	2329	63	57
Speed in MPH	65	65	65	65	65	65	65	65	65
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	75.5	81.7	85.2	75.5	81.7	85.2	75.5	81.7	85.2
ADJUSTMENTS									
Flow	3.5	-12.2	-12.7	3.4	-12.3	-12.7	0.2	-15.4	-15.9
Distance	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	75.3	65.8	68.8	75.3	65.8	68.8	72.1	62.6	65.6
VEHICULAR NOISE	DAY=	76.6	Leq	EVENING=	76.5	Leq	NIGHT=	73.4	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	80.4
			CNEL=	80.9
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	493
			CNEL:	529
				1063
				2290
				1140
				2456



Scenario: BUILDOUT SR-14  
 Roadway: High Desert Corridor  
 Segment: East of 125th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	64,728
SPEED (mph)	65
ROAD NEAR-FAR LN. DIST.	100
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	95.1%	DAY	62.3%
% MT	2.6%	EVENING	15.4%
% HT	2.3%	NIGHT	22.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3198	87	78	3154	86	77	1524	41	37
Speed in MPH	65	65	65	65	65	65	65	65	65
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	75.5	81.7	85.2	75.5	81.7	85.2	75.5	81.7	85.2
ADJUSTMENTS									
Flow	1.6	-14.0	-14.5	1.6	-14.1	-14.6	-1.6	-17.3	-17.7
Distance	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	73.5	64.0	67.0	73.4	63.9	66.9	70.3	60.8	63.8
VEHICULAR NOISE	DAY=	74.7	Leq	EVENING=	74.7	Leq	NIGHT=	71.5	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	78.6
		CNEL=	79.0
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	372
		CNEL:	399
			801
			1726
			1851

Scenario: BUILDOUT I-5  
Roadway: I-5 Freeway  
Segment: North of SR-138

Project: 0  
Analyst: NJF  
Date: 08-Aug-14

ROADWAY INPUTS	
ADT	124,012
SPEED (mph)	65
ROAD NEAR-FAR LN. DIST.	120
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	76.7%	DAY	62.3%
% MT	5.5%	EVENING	15.4%
% HT	17.8%	NIGHT	22.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	4943	354	1147	4875	349	1131	2356	168	546
Speed in MPH	65	65	65	65	65	65	65	65	65
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	75.5	81.7	85.2	75.5	81.7	85.2	75.5	81.7	85.2
ADJUSTMENTS									
Flow	3.5	-8.0	-2.8	3.4	-8.0	-2.9	0.3	-11.2	-6.1
Distance	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	75.9	70.6	79.2	75.8	70.5	79.1	72.7	67.4	76.0
VEHICULAR NOISE	DAY=	81.3	Leq	EVENING=	81.2	Leq	NIGHT=	78.0	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	85.1
		CNEL=	85.5
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	1011
		CNEL:	1084
			2178
			4693
			5032

Scenario: BUILDOUT I-5  
 Roadway: I-5 Freeway  
 Segment: South of SR-138

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	125,412
SPEED (mph)	65
ROAD NEAR-FAR LN. DIST.	120
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	76.7%	DAY	62.3%
% MT	5.5%	EVENING	15.4%
% HT	17.8%	NIGHT	22.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	4999	358	1160	4930	353	1144	2382	170	553
Speed in MPH	65	65	65	65	65	65	65	65	65
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	75.5	81.7	85.2	75.5	81.7	85.2	75.5	81.7	85.2
ADJUSTMENTS									
Flow	3.6	-7.9	-2.8	3.5	-8.0	-2.9	0.3	-11.1	-6.0
Distance	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2	-3.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	75.9	70.6	79.2	75.9	70.6	79.2	72.7	67.4	76.0
VEHICULAR NOISE	DAY=	81.3	Leq	EVENING=	81.2	Leq	NIGHT=	78.1	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 85.1 CNEL= 85.6
NOISE CONTOUR:		70 dBA	65 dBA	60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	Ldn:	1019	2194	4728
	CNEL:	1092	2353	5070

Scenario: BUILDOUT (2 of 2)  
 Roadway: Escondido Canyon Road  
 Segment: Agua Dulce Canyon Road to SCV Planning Boundary

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		4,100
SPEED (mph)	40	
ROAD NEAR-FAR LN. DIST.	16	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	181	1	4	496	4	10	37	0	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-8.7	-29.9	-25.6	-4.4	-25.6	-21.2	-15.7	-36.9	-32.5
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	54.0	41.8	50.9	58.4	46.1	55.3	47.1	34.9	44.0
VEHICULAR NOISE	DAY=	55.9	Leq	EVENING=	60.3	Leq	NIGHT=	49.0	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	58.0
		CNEL=	59.6
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	16
		CNEL:	20

Scenario: BUILDOUT (2 of 2)  
 Roadway: W Avenue J  
 Segment: 90th Street E to 100th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	2,000
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	88	1	2	242	2	5	18	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-11.9	-33.1	-28.7	-7.5	-28.7	-24.4	-18.8	-40.0	-35.7
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	50.9	38.7	47.8	55.3	43.0	52.2	44.0	31.7	40.9
VEHICULAR NOISE	DAY=	52.8	Leq	EVENING=	57.2	Leq	NIGHT=	45.9	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 54.9 CNEL= 56.5
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 10 21 45 CNEL: 13 27 58

Scenario: BUILDOUT (2 of 2)  
 Roadway: W Avenue J  
 Segment: 100th Street E to 110th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	1,300
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	58	0	1	157	1	3	12	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-13.7	-34.9	-30.6	-9.4	-30.6	-26.2	-20.6	-41.8	-37.5
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	49.0	36.8	45.9	53.4	41.2	50.3	42.1	29.9	39.0
VEHICULAR NOISE	DAY=	50.9	Leq	EVENING=	55.3	Leq	NIGHT=	44.0	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	53.0
		CNEL=	54.6
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	7 16 34
		CNEL:	9 20 44

Scenario: BUILDOUT (2 of 2)  
 Roadway: W Avenue J  
 Segment: 110th Street E to 140th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		1,000
SPEED (mph)	40	
ROAD NEAR-FAR LN. DIST.	14.75	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	44	0	1	121	1	2	9	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-14.9	-36.1	-31.7	-10.5	-31.7	-27.4	-21.8	-43.0	-38.7
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	47.9	35.6	44.8	52.3	40.0	49.2	41.0	28.7	37.9
VEHICULAR NOISE	DAY=	49.8	Leq	EVENING=	54.2	Leq	NIGHT=	42.9	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 51.8 CNEL= 53.5
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 6 13 29 CNEL: 8 17 37

Scenario: BUILDOUT (2 of 2)  
 Roadway: W Avenue J  
 Segment: 140th Street E to 150th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	1,500
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	66	1	1	182	1	4	13	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-13.1	-34.3	-30.0	-8.7	-29.9	-25.6	-20.0	-41.2	-36.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	49.6	37.4	46.6	54.0	41.8	50.9	42.7	30.5	39.6
VEHICULAR NOISE	DAY=	51.6	Leq	EVENING=	55.9	Leq	NIGHT=	44.6	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 53.6 CNEL= 55.3
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 8 17 37 CNEL: 10 22 48



Scenario: BUILDOUT (2 of 2)  
 Roadway: W Avenue J  
 Segment: 150th Street E to 170th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	1,800
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	80	1	2	218	2	4	16	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-12.3	-33.5	-29.2	-7.9	-29.1	-24.8	-19.2	-40.4	-36.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	50.4	38.2	47.4	54.8	42.6	51.7	43.5	31.3	40.4
VEHICULAR NOISE	DAY=	52.3	Leq	EVENING=	56.7	Leq	NIGHT=	45.4	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 54.4 CNEL= 56.0
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 9 20 42 CNEL: 12 25 55

Scenario: BUILDOUT (2 of 2)  
 Roadway: W Avenue J  
 Segment: 170th Street E to 200th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	3,300
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	146	1	3	399	3	8	30	0	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-9.7	-30.9	-26.6	-5.3	-26.5	-22.2	-16.6	-37.8	-33.5
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.1	40.8	50.0	57.4	45.2	54.4	46.2	33.9	43.1
VEHICULAR NOISE	DAY=	55.0	Leq	EVENING=	59.4	Leq	NIGHT=	48.1	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 57.0 CNEL= 58.7
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 14 29 63 CNEL: 18 38 82

Scenario: BUILDOUT (2 of 2)  
 Roadway: Lancaster Road  
 Segment: Pine Canyon Road to W Avenue I

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	9,400
SPEED (mph)	35
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	416	3	9	1138	9	23	85	1	2
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-4.6	-25.8	-21.4	-0.2	-21.4	-17.1	-11.5	-32.7	-28.4
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	56.0	44.5	54.0	60.4	48.9	58.4	49.1	37.6	47.1
VEHICULAR NOISE	DAY=	58.3	Leq	EVENING=	62.7	Leq	NIGHT=	51.4	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 60.4 CNEL= 62.0
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 23 49 106 CNEL: 29 63 136

Scenario: BUILDOUT (2 of 2)  
 Roadway: Lancaster Road  
 Segment: W Avenue I to 190th Street W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		2,400
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	25	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	106	1	2	291	2	6	22	0	0
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-10.5	-31.7	-27.4	-6.1	-27.3	-23.0	-17.4	-38.6	-34.3
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	50.1	38.6	48.1	54.4	42.9	52.5	43.1	31.7	41.2
VEHICULAR NOISE	DAY=	52.4	Leq	EVENING=	56.8	Leq	NIGHT=	45.5	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	54.4
			CNEL=	56.1
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	9
			CNEL:	12
				20
				43
				25
				55

Scenario: BUILDOUT (2 of 2)  
 Roadway: Lancaster Road  
 Segment: 190th Street W to 170th Street W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	3,300
SPEED (mph)	35
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	146	1	3	399	3	8	30	0	1
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-9.1	-30.3	-26.0	-4.7	-25.9	-21.6	-16.0	-37.2	-32.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	51.4	40.0	49.5	55.8	44.3	53.9	44.5	33.0	42.6
VEHICULAR NOISE	DAY=	53.8	Leq	EVENING=	58.1	Leq	NIGHT=	46.8	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	55.8
			CNEL=	57.5
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	11
			CNEL:	15
				24
				53
				68

Scenario: BUILDOUT (2 of 2)  
 Roadway: Lancaster Road  
 Segment: 170th Street W to 110th Street W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	6,200
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	274	2	6	751	6	15	56	0	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-6.9	-28.1	-23.8	-2.6	-23.8	-19.5	-13.9	-35.1	-30.7
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	55.8	43.6	52.8	60.2	48.0	57.1	48.9	36.7	45.8
VEHICULAR NOISE	DAY=	57.8	Leq	EVENING=	62.1	Leq	NIGHT=	50.8	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	59.8
		CNEL=	61.5
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	21
		CNEL:	27
			45
			97
			125

Scenario: BUILDOUT (2 of 2)  
 Roadway: Lancaster Road  
 Segment: 110th Street W to 90th Street W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	3,700
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	164	1	3	448	3	9	33	0	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-9.2	-30.4	-26.1	-4.8	-26.0	-21.7	-16.1	-37.3	-33.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.6	41.4	50.5	58.0	45.7	54.9	46.7	34.4	43.6
VEHICULAR NOISE	DAY=	55.5	Leq	EVENING=	59.9	Leq	NIGHT=	48.6	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	57.6
		CNEL=	59.2
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	15
		CNEL:	19

Scenario: BUILDOUT (2 of 2)  
 Roadway: Lancaster Road  
 Segment: 90th Street W to 70th Street W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	5,500
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	243	2	5	666	5	14	49	0	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-7.5	-28.7	-24.3	-3.1	-24.3	-20.0	-14.4	-35.6	-31.3
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	55.3	43.1	52.2	59.7	47.5	56.6	48.4	36.2	45.3
VEHICULAR NOISE	DAY=	57.2	Leq	EVENING=	61.6	Leq	NIGHT=	50.3	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	59.3
		CNEL=	60.9
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	19
		CNEL:	25
			42
			90
			54
			115



Scenario: BUILDOUT (2 of 2)  
 Roadway: Lancaster Road  
 Segment: 70th Street W to 60th Street W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	4,100
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	181	1	4	496	4	10	37	0	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-8.7	-29.9	-25.6	-4.4	-25.6	-21.2	-15.7	-36.9	-32.5
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	54.0	41.8	51.0	58.4	46.2	55.3	47.1	34.9	44.1
VEHICULAR NOISE	DAY=	56.0	Leq	EVENING=	60.3	Leq	NIGHT=	49.0	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	58.0
		CNEL=	59.7
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	16
		CNEL:	20
			34
			74
			44
			95

Scenario: BUILDOUT (2 of 2)  
 Roadway: 170th Street E  
 Segment: Avenue T to Avenue W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	9,800
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	18
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	434	3	9	1186	9	24	88	1	2
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-5.0	-26.2	-21.8	-0.6	-21.8	-17.5	-11.9	-33.1	-28.8
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	57.8	45.6	54.7	62.2	49.9	59.1	50.9	38.6	47.8
VEHICULAR NOISE	DAY=	59.7	Leq	EVENING=	64.1	Leq	NIGHT=	52.8	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	61.8
		CNEL=	63.4
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	28
		CNEL:	36
			61
			131
			78
			169

Scenario: BUILDOUT (2 of 2)  
 Roadway: 170th Street E  
 Segment: Avenue W to 165th Street

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	5,300
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	18
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	234	2	5	642	5	13	48	0	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-7.6	-28.8	-24.5	-3.3	-24.5	-20.1	-14.5	-35.7	-31.4
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	55.1	42.9	52.1	59.5	47.3	56.4	48.2	36.0	45.1
VEHICULAR NOISE	DAY=	57.0	Leq	EVENING=	61.4	Leq	NIGHT=	50.1	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	59.1
		CNEL=	60.7
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	19
		CNEL:	24
			40
			87
			112

Scenario: BUILDOUT (2 of 2)  
 Roadway: Elizabeth Lake Road  
 Segment: Johnson Road to San Francisquito Canyon Road

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	3,500
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	15
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	155	1	3	424	3	9	31	0	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-9.4	-30.6	-26.3	-5.1	-26.3	-21.9	-16.3	-37.5	-33.2
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.3	41.1	50.2	57.7	45.5	54.6	46.4	34.2	43.3
VEHICULAR NOISE	DAY=	55.2	Leq	EVENING=	59.6	Leq	NIGHT=	48.3	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	57.3
		CNEL=	58.9
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	14
		CNEL:	18
			31
			66
			85

Scenario: BUILDOUT (2 of 2) Project: 0  
 Roadway: Elizabeth Lake Road Analyst: NJF  
 Segment: San Francisquito Canyon Road to Bouquet Canyon Road Date: 08-Aug-14

ROADWAY INPUTS	
ADT	7,000
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	310	2	6	847	6	17	63	0	1
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-7.8	-29.0	-24.7	-3.4	-24.6	-20.3	-14.7	-35.9	-31.6
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	60.3	46.3	54.5	64.7	50.6	58.9	53.4	39.3	47.6
VEHICULAR NOISE	DAY=	61.5	Leq	EVENING=	65.8	Leq	NIGHT=	54.6	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	63.5
			CNEL=	65.2
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	37
			CNEL:	48
				80
				172
				221

Scenario: BUILDOUT (2 of 2)  
 Roadway: Elizabeth Lake Road  
 Segment: Bouquet Canyon Road to Godde Hill Road

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	10,000
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	442	3	9	1211	9	25	90	1	2
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-4.9	-26.1	-21.7	-0.5	-21.7	-17.4	-11.8	-33.0	-28.7
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	57.9	45.6	54.8	62.3	50.0	59.2	51.0	38.7	47.9
VEHICULAR NOISE	DAY=	59.8	Leq	EVENING=	64.2	Leq	NIGHT=	52.9	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	61.8
		CNEL=	63.5
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	29
		CNEL:	37
			62
			133
			79
			171

Scenario: BUILDOUT (2 of 2)  
 Roadway: E Avenue P  
 Segment: 15th Street E to 20th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		20,900
SPEED (mph)	60	
ROAD NEAR-FAR LN. DIST.	73.75	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	925	7	19	2530	19	52	188	1	4
Speed in MPH	60	60	60	60	60	60	60	60	60
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	74.2	80.8	84.5	74.2	80.8	84.5	74.2	80.8	84.5
ADJUSTMENTS									
Flow	-3.4	-24.6	-20.3	0.9	-20.3	-15.9	-10.3	-31.5	-27.2
Distance	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.6	52.1	60.1	71.0	56.4	64.5	59.7	45.1	53.2
VEHICULAR NOISE	DAY=	67.6	Leq	EVENING=	72.0	Leq	NIGHT=	60.7	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	69.7
			CNEL=	71.3
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	95
			CNEL:	122
				205
				441
				568

Scenario: BUILDOUT (2 of 2)  
 Roadway: E Avenue P  
 Segment: 20th Street E to 25th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	20,800
SPEED (mph)	60
ROAD NEAR-FAR LN. DIST.	73.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	920	7	19	2518	19	52	187	1	4
Speed in MPH	60	60	60	60	60	60	60	60	60
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	74.2	80.8	84.5	74.2	80.8	84.5	74.2	80.8	84.5
ADJUSTMENTS									
Flow	-3.4	-24.6	-20.3	0.9	-20.3	-16.0	-10.4	-31.6	-27.2
Distance	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.6	52.0	60.1	71.0	56.4	64.4	59.7	45.1	53.1
VEHICULAR NOISE	DAY=	67.6	Leq	EVENING=	72.0	Leq	NIGHT=	60.7	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	69.6
			CNEL=	71.3
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	95
			CNEL:	122
				204
				440
				263
				566



Scenario: BUILDOUT (2 of 2)  
 Roadway: E Avenue P  
 Segment: 25th Street E to 30th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	7,400
SPEED (mph)	60
ROAD NEAR-FAR LN. DIST.	73.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	327	2	7	896	7	18	67	1	1
Speed in MPH	60	60	60	60	60	60	60	60	60
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	74.2	80.8	84.5	74.2	80.8	84.5	74.2	80.8	84.5
ADJUSTMENTS									
Flow	-7.9	-29.1	-24.8	-3.6	-24.8	-20.4	-14.9	-36.1	-31.7
Distance	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	62.1	47.5	55.6	66.5	51.9	60.0	55.2	40.6	48.7
VEHICULAR NOISE	DAY=	63.1	Leq	EVENING=	67.5	Leq	NIGHT=	56.2	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	65.2
		CNEL=	66.8
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	48 102 221
		CNEL:	61 132 284

Scenario: BUILDOUT (2 of 2)  
 Roadway: E Avenue P  
 Segment: 30th Street E to 40th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	4,900
SPEED (mph)	60
ROAD NEAR-FAR LN. DIST.	73.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	217	2	4	593	5	12	44	0	1
Speed in MPH	60	60	60	60	60	60	60	60	60
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	74.2	80.8	84.5	74.2	80.8	84.5	74.2	80.8	84.5
ADJUSTMENTS									
Flow	-9.7	-30.9	-26.6	-5.4	-26.6	-22.2	-16.6	-37.8	-33.5
Distance	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	60.3	45.8	53.8	64.7	50.1	58.2	53.4	38.8	46.9
VEHICULAR NOISE	DAY=	61.3	Leq	EVENING=	65.7	Leq	NIGHT=	54.4	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	63.4
		CNEL=	65.0
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	36
		CNEL:	47
			78
			168
			216

Scenario: BUILDOUT (2 of 2)  
 Roadway: E Avenue P  
 Segment: 40th Street E to 47th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	4,700
SPEED (mph)	60
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	208	2	4	569	4	12	42	0	1
Speed in MPH	60	60	60	60	60	60	60	60	60
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	74.2	80.8	84.5	74.2	80.8	84.5	74.2	80.8	84.5
ADJUSTMENTS									
Flow	-9.9	-31.1	-26.8	-5.5	-26.7	-22.4	-16.8	-38.0	-33.7
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	59.7	45.1	53.1	64.1	49.5	57.5	52.8	38.2	46.2
VEHICULAR NOISE	DAY=	60.7	Leq	EVENING=	65.0	Leq	NIGHT=	53.8	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	62.7
		CNEL=	64.4
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	33
		CNEL:	42
			71
			152
			196

Scenario: BUILDOUT (2 of 2)  
 Roadway: E Avenue P  
 Segment: 47th Street E to 70th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	4,700
SPEED (mph)	60
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	208	2	4	569	4	12	42	0	1
Speed in MPH	60	60	60	60	60	60	60	60	60
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	74.2	80.8	84.5	74.2	80.8	84.5	74.2	80.8	84.5
ADJUSTMENTS									
Flow	-9.9	-31.1	-26.8	-5.5	-26.7	-22.4	-16.8	-38.0	-33.7
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	59.7	45.1	53.1	64.1	49.5	57.5	52.8	38.2	46.2
VEHICULAR NOISE	DAY=	60.7	Leq	EVENING=	65.0	Leq	NIGHT=	53.8	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	62.7
		CNEL=	64.4
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	33
		CNEL:	42
			71
			152
			196

Scenario: BUILDOUT (2 of 2)  
 Roadway: 200th Street E  
 Segment: E Avenue G to E Avenue J

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	5,100
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	18
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	226	2	5	617	5	13	46	0	1
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-8.3	-29.5	-25.2	-3.9	-25.1	-20.8	-15.2	-36.4	-32.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	56.4	43.5	52.4	60.8	47.9	56.7	49.5	36.6	45.4
VEHICULAR NOISE	DAY=	58.0	Leq	EVENING=	62.4	Leq	NIGHT=	51.1	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	60.1
		CNEL=	61.7
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	22
		CNEL:	28
			47
			101
			61
			130

Scenario: BUILDOUT (2 of 2)  
 Roadway: E Palmdale Boulevard  
 Segment: 90th Street E to 95th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	13,400
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	593	4	12	1622	12	33	120	1	2
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-5.0	-26.2	-21.9	-0.6	-21.8	-17.5	-11.9	-33.1	-28.8
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	63.1	49.1	57.4	67.5	53.4	61.7	56.2	42.2	50.4
VEHICULAR NOISE	DAY=	64.3	Leq	EVENING=	68.7	Leq	NIGHT=	57.4	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	66.3
			CNEL=	68.0
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	57
			CNEL:	73
				123
				265
				341

Scenario: BUILDOUT (2 of 2)  
 Roadway: E Palmdale Boulevard  
 Segment: 95th Street E to 100th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	15,300
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	677	5	14	1852	14	38	138	1	3
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-4.4	-25.6	-21.3	0.0	-21.2	-16.9	-11.3	-32.5	-28.2
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	63.7	49.6	57.9	68.1	54.0	62.3	56.8	42.7	51.0
VEHICULAR NOISE	DAY=	64.9	Leq	EVENING=	69.2	Leq	NIGHT=	57.9	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	66.9
		CNEL=	68.6
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	62 134 289
		CNEL:	80 173 372

Scenario: BUILDOUT (2 of 2)  
 Roadway: E Palmdale Boulevard  
 Segment: 100th Street E to 105th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	14,400
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	637	5	13	1743	13	36	129	1	3
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-4.7	-25.9	-21.5	-0.3	-21.5	-17.2	-11.6	-32.8	-28.5
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	63.5	49.4	57.7	67.8	53.8	62.0	56.5	42.5	50.7
VEHICULAR NOISE	DAY=	64.6	Leq	EVENING=	69.0	Leq	NIGHT=	57.7	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	66.7
		CNEL=	68.3
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	60 129 278
		CNEL:	77 166 358



Scenario: BUILDOUT (2 of 2)  
 Roadway: E Palmdale Boulevard  
 Segment: 105th Street E to 110 Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	14,300
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	633	5	13	1731	13	36	129	1	3
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-4.7	-25.9	-21.6	-0.3	-21.5	-17.2	-11.6	-32.8	-28.5
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	63.4	49.4	57.6	67.8	53.7	62.0	56.5	42.4	50.7
VEHICULAR NOISE	DAY=	64.6	Leq	EVENING=	68.9	Leq	NIGHT=	57.7	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	66.6
		CNEL=	68.3
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	60 128 277
		CNEL:	77 165 356

Scenario: BUILDOUT (2 of 2)  
 Roadway: W Avenue G  
 Segment: SR-14 Antelope Valley Freeway to 15th Street W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	15,200
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	672	5	14	1840	14	38	137	1	3
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-4.4	-25.6	-21.3	-0.1	-21.3	-16.9	-11.4	-32.6	-28.2
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	63.7	49.7	57.9	68.1	54.0	62.3	56.8	42.7	51.0
VEHICULAR NOISE	DAY=	64.9	Leq	EVENING=	69.2	Leq	NIGHT=	58.0	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	66.9
			CNEL=	68.6
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	62
			CNEL:	80
				134
				290
				373

Scenario: BUILDOUT (2 of 2)  
 Roadway: W Avenue G  
 Segment: 15th Street W to 10th Street W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	15,600
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	690	5	14	1888	14	39	140	1	3
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-4.3	-25.5	-21.2	0.1	-21.1	-16.8	-11.2	-32.4	-28.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	63.8	49.8	58.0	68.2	54.1	62.4	56.9	42.8	51.1
VEHICULAR NOISE	DAY=	65.0	Leq	EVENING=	69.4	Leq	NIGHT=	58.1	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	67.0
		CNEL=	68.7
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	63 137 295
		CNEL:	82 176 379

Scenario: BUILDOUT (2 of 2)  
 Roadway: W Avenue G  
 Segment: 10th Street W to Sierra Highway

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		18,700
SPEED (mph)	55	
ROAD NEAR-FAR LN. DIST.	25	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	827	6	17	2264	17	46	168	1	3
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-3.5	-24.7	-20.4	0.8	-20.4	-16.0	-10.5	-31.7	-27.3
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	64.6	50.6	58.8	69.0	54.9	63.2	57.7	43.6	51.9
VEHICULAR NOISE	DAY=	65.8	Leq	EVENING=	70.1	Leq	NIGHT=	58.9	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	67.8
			CNEL=	69.5
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	72
			CNEL:	92
				154
				332
				428

Scenario: BUILDOUT (2 of 2)  
 Roadway: W Avenue G  
 Segment: Sierra Highway to Division Street

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	13,500
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	597	5	12	1634	12	34	121	1	2
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-4.9	-26.1	-21.8	-0.6	-21.8	-17.5	-11.9	-33.1	-28.7
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	63.2	49.1	57.4	67.6	53.5	61.8	56.3	42.2	50.5
VEHICULAR NOISE	DAY=	64.4	Leq	EVENING=	68.7	Leq	NIGHT=	57.4	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	66.4
			CNEL=	68.1
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	58
			CNEL:	74
				124
				267
				344

Scenario: BUILDOUT (2 of 2)  
 Roadway: E Avenue O  
 Segment: 145th Street E to 150th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	11,700
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	518	4	11	1416	11	29	105	1	2
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-5.6	-26.8	-22.4	-1.2	-22.4	-18.1	-12.5	-33.7	-29.4
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	62.6	48.5	56.8	66.9	52.9	61.1	55.6	41.6	49.8
VEHICULAR NOISE	DAY=	63.7	Leq	EVENING=	68.1	Leq	NIGHT=	56.8	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	65.8
		CNEL=	67.4
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	52
		CNEL:	67
			112
			242
			145
			311

Scenario: BUILDOUT (2 of 2)  
 Roadway: E Avenue O  
 Segment: 150th Street E to 170th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	5,200
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	230	2	5	629	5	13	47	0	1
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-9.1	-30.3	-26.0	-4.7	-25.9	-21.6	-16.0	-37.2	-32.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	59.0	45.0	53.2	63.4	49.3	57.6	52.1	38.0	46.3
VEHICULAR NOISE	DAY=	60.2	Leq	EVENING=	64.6	Leq	NIGHT=	53.3	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	62.2
		CNEL=	63.9
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	30
		CNEL:	39
			65
			141
			181

Scenario: BUILDOUT (2 of 2)  
 Roadway: E Avenue O  
 Segment: 170th Street E to 175th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	3,800
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	168	1	3	460	3	9	34	0	1
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-10.5	-31.7	-27.3	-6.1	-27.3	-23.0	-17.4	-38.6	-34.3
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	57.7	43.6	51.9	62.0	48.0	56.3	50.7	36.7	45.0
VEHICULAR NOISE	DAY=	58.8	Leq	EVENING=	63.2	Leq	NIGHT=	51.9	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	60.9
		CNEL=	62.5
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	25
		CNEL:	32
			53
			114
			68
			147



Scenario: BUILDOUT (2 of 2)  
 Roadway: E Avenue O  
 Segment: 175th Street E to 180th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	5,700
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	252	2	5	690	5	14	51	0	1
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-8.7	-29.9	-25.6	-4.3	-25.5	-21.2	-15.6	-36.8	-32.5
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	59.4	45.4	53.6	63.8	49.7	58.0	52.5	38.4	46.7
VEHICULAR NOISE	DAY=	60.6	Leq	EVENING=	65.0	Leq	NIGHT=	53.7	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	62.6
		CNEL=	64.3
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	32
		CNEL:	42
			70
			150
			193

Scenario: BUILDOUT (2 of 2)  
 Roadway: E Avenue O  
 Segment: 180th Street E to 200th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	6,200
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	18
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	274	2	6	751	6	15	56	0	1
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-8.3	-29.5	-25.2	-4.0	-25.2	-20.8	-15.2	-36.4	-32.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	59.8	45.7	54.0	64.2	50.1	58.4	52.9	38.8	47.1
VEHICULAR NOISE	DAY=	61.0	Leq	EVENING=	65.3	Leq	NIGHT=	54.0	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	63.0
		CNEL=	64.7
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	34
		CNEL:	44
			74
			159
			204

Scenario: BUILDOUT (2 of 2)  
 Roadway: E Avenue O  
 Segment: 200th Street E to 210 Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	2,100
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	18
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	93	1	2	254	2	5	19	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-13.0	-34.2	-29.9	-8.7	-29.9	-25.5	-19.9	-41.1	-36.8
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	55.1	41.0	49.3	59.5	45.4	53.7	48.2	34.1	42.4
VEHICULAR NOISE	DAY=	56.3	Leq	EVENING=	60.6	Leq	NIGHT=	49.3	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	58.3
		CNEL=	60.0
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	17
		CNEL:	21
			36
			77
			99

Scenario: BUILDOUT (2 of 2)  
 Roadway: E Avenue O  
 Segment: 210 Street E to 240th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	700
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	18
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	31	0	1	85	1	2	6	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-17.8	-39.0	-34.7	-13.4	-34.6	-30.3	-24.7	-45.9	-41.6
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	50.3	36.3	44.5	54.7	40.6	48.9	43.4	29.3	37.6
VEHICULAR NOISE	DAY=	51.5	Leq	EVENING=	55.9	Leq	NIGHT=	44.6	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	53.5
			CNEL=	55.2
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	8
			CNEL:	10
				17
				37
				22
				48

Scenario: BUILDOUT (2 of 2)  
 Roadway: W Avenue L  
 Segment: Rancho Vista Road to 45th Street W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		8,600
SPEED (mph)	40	
ROAD NEAR-FAR LN. DIST.	75	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	380	3	8	1041	8	21	77	1	2
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-5.5	-26.7	-22.4	-1.2	-22.3	-18.0	-12.4	-33.6	-29.3
Distance	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	57.7	45.5	54.6	62.1	49.8	59.0	50.8	38.5	47.7
VEHICULAR NOISE	DAY=	59.6	Leq	EVENING=	64.0	Leq	NIGHT=	52.7	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	61.7
		CNEL=	63.3
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	28
		CNEL:	36
			60
			129
			166

Scenario: BUILDOUT (2 of 2)  
 Roadway: W Avenue L  
 Segment: 45th Street W to 40th Street W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	11,300
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	500	4	10	1368	10	28	102	1	2
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-4.3	-25.5	-21.2	0.0	-21.2	-16.8	-11.3	-32.5	-28.1
Distance	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	58.9	46.7	55.8	63.3	51.0	60.2	52.0	39.7	48.9
VEHICULAR NOISE	DAY=	60.8	Leq	EVENING=	65.2	Leq	NIGHT=	53.9	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	62.9
		CNEL=	64.5
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	33
		CNEL:	43
			72
			155
			200

Scenario: BUILDOUT (2 of 2)  
 Roadway: Pearblossom Highway (SR-138)  
 Segment: 70th Street E to E Avenue T 8

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	33,900
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	73.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1500	11	31	4104	31	84	305	2	6
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-0.9	-22.1	-17.8	3.4	-17.8	-13.5	-7.9	-29.1	-24.7
Distance	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	67.6	53.6	61.8	72.0	57.9	66.2	60.7	46.6	54.9
VEHICULAR NOISE	DAY=	68.8	Leq	EVENING=	73.2	Leq	NIGHT=	61.9	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	70.8
		CNEL=	72.5
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	114
		CNEL:	146
			245
			527
			679

Scenario: BUILDOUT (2 of 2)  
 Roadway: Pearblossom Highway (SR-138)  
 Segment: E Avenue T 8 to 82nd Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	33,900
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	73.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1500	11	31	4104	31	84	305	2	6
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-0.9	-22.1	-17.8	3.4	-17.8	-13.5	-7.9	-29.1	-24.7
Distance	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	67.6	53.6	61.8	72.0	57.9	66.2	60.7	46.6	54.9
VEHICULAR NOISE	DAY=	68.8	Leq	EVENING=	73.2	Leq	NIGHT=	61.9	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	70.8
		CNEL=	72.5
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	114
		CNEL:	146
			245
			527
			679



Scenario: BUILDOUT (2 of 2)  
 Roadway: Pearblossom Highway (SR-138)  
 Segment: 82nd Street E to 87th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	24,800
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	73.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1097	8	23	3002	23	62	223	2	5
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-2.3	-23.5	-19.2	2.1	-19.1	-14.8	-9.2	-30.4	-26.1
Distance	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.3	52.2	60.5	70.6	56.6	64.9	59.4	45.3	53.6
VEHICULAR NOISE	DAY=	67.4	Leq	EVENING=	71.8	Leq	NIGHT=	60.5	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	69.5
			CNEL=	71.1
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	92
			CNEL:	119
				199
				428
				256
				551

Scenario: BUILDOUT (2 of 2)  
 Roadway: Pearblossom Highway (SR-138)  
 Segment: 87th Street E to 96th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	26,700
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	73.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1181	9	24	3232	25	66	240	2	5
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-2.0	-23.2	-18.9	2.4	-18.8	-14.5	-8.9	-30.1	-25.8
Distance	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.6	52.5	60.8	71.0	56.9	65.2	59.7	45.6	53.9
VEHICULAR NOISE	DAY=	67.7	Leq	EVENING=	72.1	Leq	NIGHT=	60.8	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	69.8
			CNEL=	71.4
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	97
			CNEL:	125
				209
				450
				579

Scenario: BUILDOUT (2 of 2)  
 Roadway: Pearblossom Highway (SR-138)  
 Segment: 96th Street E to 106th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	30,600
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	73.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1354	10	28	3704	28	76	275	2	6
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-1.4	-22.6	-18.3	3.0	-18.2	-13.9	-8.3	-29.5	-25.2
Distance	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	67.2	53.1	61.4	71.6	57.5	65.8	60.3	46.2	54.5
VEHICULAR NOISE	DAY=	68.3	Leq	EVENING=	72.7	Leq	NIGHT=	61.4	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	70.4
			CNEL=	72.0
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	106
			CNEL:	137
				229
				493
				634

Scenario: BUILDOUT (2 of 2)  
 Roadway: Pearblossom Highway (SR-138)  
 Segment: 106th Street E to 116th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	27,000
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	73.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1194	9	25	3268	25	67	243	2	5
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-1.9	-23.1	-18.8	2.4	-18.8	-14.4	-8.9	-30.1	-25.7
Distance	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.6	52.6	60.9	71.0	56.9	65.2	59.7	45.7	53.9
VEHICULAR NOISE	DAY=	67.8	Leq	EVENING=	72.2	Leq	NIGHT=	60.9	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	69.8
			CNEL=	71.5
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	98
			CNEL:	126
				210
				453
				584

Scenario: BUILDOUT (2 of 2)  
 Roadway: Pearblossom Highway (SR-138)  
 Segment: 116th Street E to 126th Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	26,800
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	44.25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1186	9	24	3244	25	67	241	2	5
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-2.0	-23.2	-18.8	2.4	-18.8	-14.5	-8.9	-30.1	-25.8
Distance	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.3	52.2	60.5	70.7	56.6	64.9	59.4	45.3	53.6
VEHICULAR NOISE	DAY=	67.4	Leq	EVENING=	71.8	Leq	NIGHT=	60.5	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	69.5
			CNEL=	71.1
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	93
			CNEL:	119
				200
				430
				257
				553

Scenario: BUILDOUT (2 of 2)  
 Roadway: Pearblossom Highway (SR-138)  
 Segment: 126th Street E to 131st Street E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		31,400
SPEED (mph)	50	
ROAD NEAR-FAR LN. DIST.	44.25	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	AUTOS	DAYTIME MT	HT	AUTOS	EVENING MT	HT	AUTOS	NIGHT MT	HT
Vehicles per hour	1389	11	28	3801	29	78	282	2	6
Speed in MPH	50	50	50	50	50	50	50	50	50
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	71.1	78.8	83.0	71.1	78.8	83.0	71.1	78.8	83.0
ADJUSTMENTS									
Flow	-0.9	-22.1	-17.7	3.5	-17.7	-13.4	-7.8	-29.0	-24.7
Distance	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5	-4.5
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	65.8	52.3	60.8	70.2	56.6	65.2	58.9	45.4	53.9
VEHICULAR NOISE	DAY=	67.1	Leq	EVENING=	71.5	Leq	NIGHT=	60.2	Leq

RESULTS						
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	69.2		
			CNEL=	70.8		
NOISE CONTOUR:			70	65	60	
			70 dBA	65 dBA	60 dBA	
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	88	190	410
			CNEL:	114	245	528



Scenario: **BUILDOUT (2 of 2)**  
 Roadway: **Fort Tejon Road**  
 Segment: **87th Street E to Mount Emma Road**

Project: **0**  
 Analyst: **NJF**  
 Date: **08-Aug-14**

ROADWAY INPUTS	
ADT	10,200
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	18
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	AUTOS	DAYTIME		AUTOS	EVENING		AUTOS	NIGHT	
		MT	HT		MT	HT		MT	HT
Vehicles per hour	451	3	9	1235	9	25	92	1	2
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-4.8	-26.0	-21.7	-0.4	-21.6	-17.3	-11.7	-32.9	-28.6
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	58.0	45.7	54.9	62.4	50.1	59.3	51.1	38.8	48.0
VEHICULAR NOISE	DAY=	59.9	Leq	EVENING=	64.3	Leq	NIGHT=	53.0	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	61.9
			CNEL=	63.6
			70	65
			70 dBA	65 dBA
NOISE CONTOUR:			60	60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	29
			CNEL:	37
				81
				174



Scenario: **BUILDOUT (2 of 2)**  
 Roadway: **Fort Tejon Road**  
 Segment: **Mount Emma Road to 96th Street**

Project: **0**  
 Analyst: **NJF**  
 Date: **08-Aug-14**

ROADWAY INPUTS	
ADT	12,200
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	18
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	AUTOS	DAYTIME		AUTOS	EVENING		AUTOS	NIGHT	
		MT	HT		MT	HT		MT	HT
Vehicles per hour	540	4	11	1477	11	30	110	1	2
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-4.0	-25.2	-20.9	0.4	-20.8	-16.5	-10.9	-32.1	-27.8
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	58.8	46.5	55.7	63.1	50.9	60.1	51.8	39.6	48.8
VEHICULAR NOISE	DAY=	60.7	Leq	EVENING=	65.0	Leq	NIGHT=	53.7	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	62.7	
			CNEL=	64.4	
			70	65	60
			70 dBA	65 dBA	60 dBA
NOISE CONTOUR:		Ldn:	33	70	152
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		CNEL:	42	91	196

Scenario: **BUILDOUT (2 of 2)**  
 Roadway: **Fort Tejon Road**  
 Segment: **96th Street to 106th Street**

Project: **0**  
 Analyst: **NJF**  
 Date: **08-Aug-14**

ROADWAY INPUTS	
ADT	12,500
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	18
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	AUTOS	DAYTIME		AUTOS	EVENING		AUTOS	NIGHT	
		MT	HT		MT	HT		MT	HT
Vehicles per hour	553	4	11	1513	11	31	112	1	2
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-3.9	-25.1	-20.8	0.5	-20.7	-16.4	-10.8	-32.0	-27.7
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	58.9	46.6	55.8	63.2	51.0	60.2	51.9	39.7	48.9
VEHICULAR NOISE	DAY=	60.8	Leq	EVENING=	65.1	Leq	NIGHT=	53.9	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	62.8
		CNEL=	64.5
		70	65
		70 dBA	65 dBA
NOISE CONTOUR:		60	60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	33
		CNEL:	43
		72	154
		92	199

Scenario: BUILDOUT SR-138  
 Roadway: SR-138  
 Segment: Between I-5 and 300th Street W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	95,819
SPEED (mph)	65
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	79.4%	DAY	62.3%
% MT	1.4%	EVENING	15.4%
% HT	19.2%	NIGHT	22.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	3955	70	954	3900	69	941	1885	33	454
Speed in MPH	65	65	65	65	65	65	65	65	65
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	75.5	81.7	85.2	75.5	81.7	85.2	75.5	81.7	85.2
ADJUSTMENTS									
Flow	2.5	-15.0	-3.6	2.5	-15.0	-3.7	-0.7	-18.2	-6.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	73.5	62.1	77.0	73.4	62.1	76.9	70.2	58.9	73.7
VEHICULAR NOISE	DAY=	78.7	Leq	EVENING=	78.6	Leq	NIGHT=	75.4	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 82.5 CNEL= 82.9
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 680 1464 3154 CNEL: 729 1570 3383

Scenario: BUILDOUT SR-138  
 Roadway: SR-138  
 Segment: Between 300th St W and 190th St W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	50,948
SPEED (mph)	65
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	79.4%	DAY	62.3%
% MT	1.4%	EVENING	15.4%
% HT	19.2%	NIGHT	22.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2103	37	507	2074	37	500	1002	18	242
Speed in MPH	65	65	65	65	65	65	65	65	65
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	75.5	81.7	85.2	75.5	81.7	85.2	75.5	81.7	85.2
ADJUSTMENTS									
Flow	-0.2	-17.7	-6.4	-0.3	-17.8	-6.4	-3.4	-20.9	-9.6
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	70.7	59.4	74.2	70.7	59.3	74.2	67.5	56.2	71.0
VEHICULAR NOISE	DAY=	75.9	Leq	EVENING=	75.9	Leq	NIGHT=	72.7	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 79.7 CNEL= 80.2
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 446 961 2070 CNEL: 478 1030 2220

Scenario: BUILDOUT SR-138  
 Roadway: Avenue D/SR-138  
 Segment: Between 190th Street W and SR-14

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	49,489
SPEED (mph)	65
ROAD NEAR-FAR LN. DIST.	12
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	79.4%	DAY	62.3%
% MT	1.4%	EVENING	15.4%
% HT	19.2%	NIGHT	22.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	2042	36	493	2014	36	486	973	17	235
Speed in MPH	65	65	65	65	65	65	65	65	65
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	75.5	81.7	85.2	75.5	81.7	85.2	75.5	81.7	85.2
ADJUSTMENTS									
Flow	-0.3	-17.9	-6.5	-0.4	-17.9	-6.6	-3.6	-21.1	-9.7
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	70.6	59.2	74.1	70.5	59.2	74.0	67.4	56.0	70.9
VEHICULAR NOISE	DAY=	75.8	Leq	EVENING=	75.7	Leq	NIGHT=	72.6	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	79.6
			CNEL=	80.1
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	437
			CNEL:	469
			60 dBA	2030
				2177

Scenario: Builodout (1 of 2)  
 Roadway: Bouquet Canyon Rd  
 Segment: Elizabeth Lake Rd to Palmdale City Line

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		3,900
SPEED (mph)	40	
ROAD NEAR-FAR LN. DIST.	18	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	173	1	4	472	4	10	35	0	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-9.0	-30.2	-25.8	-4.6	-25.8	-21.5	-15.9	-37.1	-32.8
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.8	41.6	50.7	58.2	45.9	55.1	46.9	34.6	43.8
VEHICULAR NOISE	DAY=	55.7	Leq	EVENING=	60.1	Leq	NIGHT=	48.8	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	57.8
		CNEL=	59.4
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	15
		CNEL:	20

Scenario: Builodout (1 of 2)  
 Roadway: Avenue N-8  
 Segment: 45th St W to 30th St W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		5,000
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	20	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	221	2	5	605	5	12	45	0	1
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-7.3	-28.5	-24.2	-2.9	-24.1	-19.8	-14.2	-35.4	-31.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.2	41.7	51.3	57.6	46.1	55.7	46.3	34.8	44.4
VEHICULAR NOISE	DAY=	55.6	Leq	EVENING=	59.9	Leq	NIGHT=	48.6	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	57.6
		CNEL=	59.3
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	15
		CNEL:	19
			32
			69
			89

Scenario: Builodout (1 of 2)  
 Roadway: 40th St W  
 Segment: Avenue N to Avenue N-8

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		5,000
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	20	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	221	2	5	605	5	12	45	0	1
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-7.3	-28.5	-24.2	-2.9	-24.1	-19.8	-14.2	-35.4	-31.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.2	41.7	51.3	57.6	46.1	55.7	46.3	34.8	44.4
VEHICULAR NOISE	DAY=	55.6	Leq	EVENING=	59.9	Leq	NIGHT=	48.6	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 57.6 CNEL= 59.3
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 15 32 69 CNEL: 19 41 89



Scenario: Builodout (1 of 2)  
 Roadway: 35th St W  
 Segment: Avenue N to Avenue N-8

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		5,000
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	20	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	221	2	5	605	5	12	45	0	1
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-7.3	-28.5	-24.2	-2.9	-24.1	-19.8	-14.2	-35.4	-31.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.2	41.7	51.3	57.6	46.1	55.7	46.3	34.8	44.4
VEHICULAR NOISE	DAY=	55.6	Leq	EVENING=	59.9	Leq	NIGHT=	48.6	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 57.6 CNEL= 59.3
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 15 32 69 CNEL: 19 41 89

Scenario: Builodout (1 of 2)  
 Roadway: Avenue O-8  
 Segment: 30th St W to 20th St W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		1,800
SPEED (mph)	50	
ROAD NEAR-FAR LN. DIST.	54	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	80	1	2	218	2	4	16	0	0
Speed in MPH	50	50	50	50	50	50	50	50	50
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	71.1	78.8	83.0	71.1	78.8	83.0	71.1	78.8	83.0
ADJUSTMENTS									
Flow	-13.3	-34.5	-30.2	-8.9	-30.1	-25.8	-20.2	-41.4	-37.1
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.5	39.9	48.5	57.8	44.3	52.9	46.5	33.0	41.6
VEHICULAR NOISE	DAY=	54.8	Leq	EVENING=	59.2	Leq	NIGHT=	47.9	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 56.9 CNEL= 58.5
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 13 29 62 CNEL: 17 37 79

Scenario: Builodout (1 of 2)  
 Roadway: 25th St W  
 Segment: Avenue O to Palmdale City Line

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	10,300
SPEED (mph)	50
ROAD NEAR-FAR LN. DIST.	90
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	456	3	9	1247	9	26	93	1	2
Speed in MPH	50	50	50	50	50	50	50	50	50
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	71.1	78.8	83.0	71.1	78.8	83.0	71.1	78.8	83.0
ADJUSTMENTS									
Flow	-5.7	-26.9	-22.6	-1.3	-22.5	-18.2	-12.6	-33.8	-29.5
Distance	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	61.5	48.0	56.5	65.9	52.4	60.9	54.6	41.1	49.6
VEHICULAR NOISE	DAY=	62.9	Leq	EVENING=	67.2	Leq	NIGHT=	55.9	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 64.9 CNEL= 66.6
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 46 99 213 CNEL: 59 127 274

Scenario: Builodout (1 of 2)  
 Roadway: Avenue N-8  
 Segment: 20th St W to Palmdale City Line

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		5,000
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	20	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	221	2	5	605	5	12	45	0	1
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-7.3	-28.5	-24.2	-2.9	-24.1	-19.8	-14.2	-35.4	-31.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.2	41.7	51.3	57.6	46.1	55.7	46.3	34.8	44.4
VEHICULAR NOISE	DAY=	55.6	Leq	EVENING=	59.9	Leq	NIGHT=	48.6	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 57.6 CNEL= 59.3
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 15 32 69 CNEL: 19 41 89

Scenario: Builodout (1 of 2)  
 Roadway: Avenue Q  
 Segment: 60th St E to 75th St E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	8,700
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	385	3	8	1053	8	22	78	1	2
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-6.9	-28.1	-23.7	-2.5	-23.7	-19.4	-13.8	-35.0	-30.7
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	61.3	47.2	55.5	65.6	51.6	59.8	54.3	40.3	48.6
VEHICULAR NOISE	DAY=	62.4	Leq	EVENING=	66.8	Leq	NIGHT=	55.5	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	64.5
		CNEL=	66.1
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	43
		CNEL:	55
			92
			199
			256

Scenario: Builodout (1 of 2)  
 Roadway: Avenue Q  
 Segment: 80th St E to 90th St E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	8,700
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	385	3	8	1053	8	22	78	1	2
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-6.9	-28.1	-23.7	-2.5	-23.7	-19.4	-13.8	-35.0	-30.7
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	61.3	47.2	55.5	65.6	51.6	59.8	54.3	40.3	48.6
VEHICULAR NOISE	DAY=	62.4	Leq	EVENING=	66.8	Leq	NIGHT=	55.5	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	64.5
		CNEL=	66.1
NOISE CONTOUR:		70 dBA	65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	43 92 199
		CNEL:	55 119 256

Scenario: Builodout (1 of 2)  
 Roadway: Avenue Q  
 Segment: 90th St E to 120th St E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	6,500
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	18
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	288	2	6	787	6	16	58	0	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-6.7	-27.9	-23.6	-2.4	-23.6	-19.2	-13.7	-34.9	-30.5
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	56.0	43.8	52.9	60.4	48.2	57.3	49.1	36.9	46.0
VEHICULAR NOISE	DAY=	57.9	Leq	EVENING=	62.3	Leq	NIGHT=	51.0	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	60.0
		CNEL=	61.6
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	22
		CNEL:	28
			46
			100
			60
			129

Scenario: Builodout (1 of 2)  
 Roadway: 120th St E  
 Segment: Avenue L to Avenue Q

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	10,600
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	469	4	10	1283	10	26	95	1	2
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-6.0	-27.2	-22.9	-1.6	-22.8	-18.5	-12.9	-34.1	-29.8
Distance	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	62.6	48.5	56.8	67.0	52.9	61.2	55.7	41.6	49.9
VEHICULAR NOISE	DAY=	63.7	Leq	EVENING=	68.1	Leq	NIGHT=	56.8	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	65.8
			CNEL=	67.4
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	52
			CNEL:	68
				113
				244
				146
				314



Scenario: Builodout (1 of 2)  
 Roadway: Avenue L  
 Segment: 40th St E to 45th St E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	12,000
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	531	4	11	1453	11	30	108	1	2
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-5.5	-26.7	-22.3	-1.1	-22.3	-18.0	-12.4	-33.6	-29.3
Distance	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	63.1	49.1	57.3	67.5	53.4	61.7	56.2	42.1	50.4
VEHICULAR NOISE	DAY=	64.3	Leq	EVENING=	68.7	Leq	NIGHT=	57.4	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	66.3
			CNEL=	68.0
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	57
			CNEL:	73
				123
				265
				158
				341

Scenario: Builodout (1 of 2)  
 Roadway: Avenue L  
 Segment: 50th St E to 80th St E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	16,900
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	748	6	15	2046	16	42	152	1	3
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-4.0	-25.2	-20.9	0.4	-20.8	-16.5	-10.9	-32.1	-27.8
Distance	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	64.6	50.6	58.8	69.0	54.9	63.2	57.7	43.6	51.9
VEHICULAR NOISE	DAY=	65.8	Leq	EVENING=	70.1	Leq	NIGHT=	58.9	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):				Ldn= 67.8 CNEL= 69.5
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn: 72 154 333 CNEL: 92 199 428

Scenario: Builodout (1 of 2)  
 Roadway: Avenue L  
 Segment: 90th St E to 102nd St E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	2,400
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	106	1	2	291	2	6	22	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-12.4	-33.6	-29.3	-8.1	-29.3	-25.0	-19.4	-40.6	-36.2
Distance	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	56.1	42.1	50.4	60.5	46.5	54.7	49.2	35.2	43.4
VEHICULAR NOISE	DAY=	57.3	Leq	EVENING=	61.7	Leq	NIGHT=	50.4	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	59.4
			CNEL=	61.0
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	20
			CNEL:	25
				42
				91
				54
				117

Scenario: Builodout (1 of 2)  
 Roadway: Avenue L  
 Segment: 107th St E to 120th St E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	2,400
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	106	1	2	291	2	6	22	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-12.4	-33.6	-29.3	-8.1	-29.3	-25.0	-19.4	-40.6	-36.2
Distance	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	56.1	42.1	50.4	60.5	46.5	54.7	49.2	35.2	43.4
VEHICULAR NOISE	DAY=	57.3	Leq	EVENING=	61.7	Leq	NIGHT=	50.4	Leq

RESULTS						
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	59.4		
			CNEL=	61.0		
NOISE CONTOUR:			70 dBA	65 dBA	60 dBA	
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	20	42	91
			CNEL:	25	54	117

Scenario: Builodout (1 of 2)  
 Roadway: 10th St W  
 Segment: Palmdale City Line to Avenue O

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	34,400
SPEED (mph)	60
ROAD NEAR-FAR LN. DIST.	90
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1522	12	31	4164	32	85	309	2	6
Speed in MPH	60	60	60	60	60	60	60	60	60
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	74.2	80.8	84.5	74.2	80.8	84.5	74.2	80.8	84.5
ADJUSTMENTS									
Flow	-1.3	-22.5	-18.1	3.1	-18.1	-13.8	-8.2	-29.4	-25.1
Distance	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	69.0	54.5	62.5	73.4	58.8	66.9	62.1	47.6	55.6
VEHICULAR NOISE	DAY=	70.0	Leq	EVENING=	74.4	Leq	NIGHT=	63.1	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	72.1
		CNEL=	73.7
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	138
		CNEL:	178
			297
			640
			824

Scenario: Builodout (1 of 2)  
 Roadway: 10th St W  
 Segment: Auto Center Dr to Elizabeth Lake Rd

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	27,000
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	72
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	1194	9	25	3268	25	67	243	2	5
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-1.9	-23.1	-18.8	2.4	-18.8	-14.4	-8.9	-30.1	-25.7
Distance	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	66.6	52.5	60.8	71.0	56.9	65.2	59.7	45.6	53.9
VEHICULAR NOISE	DAY=	67.8	Leq	EVENING=	72.1	Leq	NIGHT=	60.8	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	69.8
			CNEL=	71.5
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	97
			CNEL:	125
				210
				452
				581

Scenario: Builodout (1 of 2)  
 Roadway: Avenue H  
 Segment: 110th St W to 105th St W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	4,400
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	195	1	4	533	4	11	40	0	1
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-8.9	-30.1	-25.8	-4.6	-25.8	-21.5	-15.9	-37.1	-32.7
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	55.8	42.9	51.7	60.2	47.2	56.1	48.9	36.0	44.8
VEHICULAR NOISE	DAY=	57.4	Leq	EVENING=	61.8	Leq	NIGHT=	50.5	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	59.4
		CNEL=	61.1
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	20
		CNEL:	25
			43
			92
			118

Scenario: Builodout (1 of 2)  
 Roadway: Avenue H  
 Segment: 97th St W to 92nd St W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	4,400
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	195	1	4	533	4	11	40	0	1
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-8.9	-30.1	-25.8	-4.6	-25.8	-21.5	-15.9	-37.1	-32.7
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	55.8	42.9	51.7	60.2	47.2	56.1	48.9	36.0	44.8
VEHICULAR NOISE	DAY=	57.4	Leq	EVENING=	61.8	Leq	NIGHT=	50.5	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	59.4
		CNEL=	61.1
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	20
		CNEL:	25
			43
			92
			118



Scenario: Builodout (1 of 2)  
 Roadway: Avenue H  
 Segment: 80th St W to 70th St W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	4,900
SPEED (mph)	45
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	217	2	4	593	5	12	44	0	1
Speed in MPH	45	45	45	45	45	45	45	45	45
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	69.3	77.6	82.1	69.3	77.6	82.1	69.3	77.6	82.1
ADJUSTMENTS									
Flow	-8.5	-29.7	-25.4	-4.1	-25.3	-21.0	-15.4	-36.6	-32.3
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	56.3	43.3	52.2	60.6	47.7	56.6	49.3	36.4	45.3
VEHICULAR NOISE	DAY=	57.9	Leq	EVENING=	62.2	Leq	NIGHT=	50.9	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	59.9
		CNEL=	61.6
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	21
		CNEL:	27
			46
			99
			59
			127

Scenario: Buildout (1 of 2)  
 Roadway: Avenue F  
 Segment: 110th St W to Lancaster City Line

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	1,600
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	71	1	1	194	1	4	14	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-12.8	-34.0	-29.7	-8.5	-29.7	-25.3	-19.7	-40.9	-36.6
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	49.9	37.7	46.9	54.3	42.1	51.2	43.0	30.8	39.9
VEHICULAR NOISE	DAY=	51.8	Leq	EVENING=	56.2	Leq	NIGHT=	44.9	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	53.9
		CNEL=	55.5
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	8 18 39
		CNEL:	11 23 50

Scenario: Buildout (1 of 2)  
Roadway: Avenue F  
Segment: Lancaster City Line to 95th St W

Project: 0  
Analyst: NJF  
Date: 08-Aug-14

ROADWAY INPUTS	
ADT	3,700
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	164	1	3	448	3	9	33	0	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-9.2	-30.4	-26.1	-4.8	-26.0	-21.7	-16.1	-37.3	-33.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.6	41.3	50.5	57.9	45.7	54.9	46.7	34.4	43.6
VEHICULAR NOISE	DAY=	55.5	Leq	EVENING=	59.9	Leq	NIGHT=	48.6	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	57.5
		CNEL=	59.2
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	15
		CNEL:	19
			32
			68
			88

Scenario: Builodout (1 of 2)  
 Roadway: Avenue F  
 Segment: 95th St W to 70th St W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	14,300
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	16
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	633	5	13	1731	13	36	129	1	3
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-3.3	-24.5	-20.2	1.1	-20.1	-15.8	-10.2	-31.4	-27.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	59.4	47.2	56.4	63.8	51.6	60.7	52.5	40.3	49.4
VEHICULAR NOISE	DAY=	61.4	Leq	EVENING=	65.7	Leq	NIGHT=	54.4	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	63.4
		CNEL=	65.1
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	36
		CNEL:	47
			78
			169
			217

Scenario: Buildout (1 of 2)  
 Roadway: Avenue E  
 Segment: 110th St W to Lancaster City Line

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	1,600
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	71	1	1	194	1	4	14	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-12.8	-34.0	-29.7	-8.5	-29.7	-25.3	-19.7	-40.9	-36.6
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	49.9	37.7	46.9	54.3	42.1	51.2	43.0	30.8	39.9
VEHICULAR NOISE	DAY=	51.8	Leq	EVENING=	56.2	Leq	NIGHT=	44.9	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	53.9
		CNEL=	55.5
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	8 18 39
		CNEL:	11 23 50

Scenario: Builodout (1 of 2)  
 Roadway: Avenue E  
 Segment: 100th St W to 70th St W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	14,300
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	16
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	633	5	13	1731	13	36	129	1	3
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-3.3	-24.5	-20.2	1.1	-20.1	-15.8	-10.2	-31.4	-27.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	59.4	47.2	56.4	63.8	51.6	60.7	52.5	40.3	49.4
VEHICULAR NOISE	DAY=	61.4	Leq	EVENING=	65.7	Leq	NIGHT=	54.4	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	63.4
		CNEL=	65.1
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	36
		CNEL:	47
			78
			169
			217

Scenario: Builodout (1 of 2)  
 Roadway: 100th St W  
 Segment: Lancaster Blvd to Avenue J

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		500
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	14.75	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	22	0	0	61	0	1	4	0	0
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-17.3	-38.5	-34.2	-12.9	-34.1	-29.8	-24.2	-45.4	-41.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	43.2	31.7	41.3	47.6	36.1	45.6	36.3	24.8	34.3
VEHICULAR NOISE	DAY=	45.5	Leq	EVENING=	49.9	Leq	NIGHT=	38.6	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	47.6
		CNEL=	49.2
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	3 7 15
		CNEL:	4 9 19

Scenario: Builodout (1 of 2)  
 Roadway: 100th St W  
 Segment: Avenue D to Avenue D-8

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	7,700
SPEED (mph)	35
ROAD NEAR-FAR LN. DIST.	16
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	341	3	7	932	7	19	69	1	1
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-5.4	-26.6	-22.3	-1.1	-22.2	-17.9	-12.3	-33.5	-29.2
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	55.1	43.6	53.1	59.5	48.0	57.5	48.2	36.7	46.2
VEHICULAR NOISE	DAY=	57.4	Leq	EVENING=	61.8	Leq	NIGHT=	50.5	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	59.5
		CNEL=	61.1
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	20
		CNEL:	26
			43
			92
			119



Scenario: Builodout (1 of 2)  
 Roadway: 100th St W  
 Segment: Avenue E to Avenue F

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		8,400
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	16	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	372	3	8	1017	8	21	76	1	2
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-5.0	-26.2	-21.9	-0.7	-21.9	-17.6	-12.0	-33.2	-28.8
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	55.5	44.0	53.5	59.8	48.4	57.9	48.5	37.1	46.6
VEHICULAR NOISE	DAY=	57.8	Leq	EVENING=	62.2	Leq	NIGHT=	50.9	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	59.8
		CNEL=	61.5
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	21
		CNEL:	27
			45
			98
			58
			126

Scenario: Builodout (1 of 2)  
 Roadway: 80th St W  
 Segment: Lancaster City Line to Lancaster City Line

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	5,800
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	257	2	5	702	5	14	52	0	1
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-8.6	-29.8	-25.5	-4.2	-25.4	-21.1	-15.5	-36.7	-32.4
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	59.5	45.4	53.7	63.9	49.8	58.1	52.6	38.5	46.8
VEHICULAR NOISE	DAY=	60.7	Leq	EVENING=	65.0	Leq	NIGHT=	53.7	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	62.7
		CNEL=	64.4
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	33
		CNEL:	42
			70
			152
			195

Scenario: Builodout (1 of 2)  
 Roadway: Avenue K-8  
 Segment: 52nd St W to 50th St W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	800
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	18
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	35	0	1	97	1	2	7	0	0
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-15.8	-37.0	-32.7	-11.5	-32.7	-28.3	-22.8	-44.0	-39.6
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	46.9	34.7	43.8	51.3	39.1	48.2	40.0	27.8	36.9
VEHICULAR NOISE	DAY=	48.8	Leq	EVENING=	53.2	Leq	NIGHT=	41.9	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	50.9
		CNEL=	52.5
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	5 11 25
		CNEL:	7 15 32

Scenario: Builodout (1 of 2)  
 Roadway: 70th St E  
 Segment: Lancaster City Line to Avenue K-8

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		1,200
SPEED (mph)	55	
ROAD NEAR-FAR LN. DIST.	14.75	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	53	0	1	145	1	3	11	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-15.5	-36.7	-32.3	-11.1	-32.3	-28.0	-22.4	-43.6	-39.3
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	52.7	38.6	46.9	57.0	43.0	51.2	45.7	31.7	40.0
VEHICULAR NOISE	DAY=	53.8	Leq	EVENING=	58.2	Leq	NIGHT=	46.9	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	55.9
			CNEL=	57.5
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	11
			CNEL:	15
				25
				53
				68

Scenario: Builodout (1 of 2)  
 Roadway: 70th St E  
 Segment: Avenue K-12 to Avenue L

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		1,400
SPEED (mph)	55	
ROAD NEAR-FAR LN. DIST.	14.75	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	62	0	1	169	1	3	13	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-14.8	-36.0	-31.7	-10.4	-31.6	-27.3	-21.7	-42.9	-38.6
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.3	39.3	47.5	57.7	43.6	51.9	46.4	32.3	40.6
VEHICULAR NOISE	DAY=	54.5	Leq	EVENING=	58.9	Leq	NIGHT=	47.6	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	56.5
			CNEL=	58.2
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	13
			CNEL:	16
				27
				59
				76

Scenario: Builodout (1 of 2)  
 Roadway: 100th St E  
 Segment: Avenue J to Avenue J-8

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		600
SPEED (mph)	55	
ROAD NEAR-FAR LN. DIST.	16	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	27	0	1	73	1	1	5	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-18.5	-39.7	-35.3	-14.1	-35.3	-31.0	-25.4	-46.6	-42.3
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	49.7	35.6	43.9	54.0	40.0	48.2	42.7	28.7	36.9
VEHICULAR NOISE	DAY=	50.8	Leq	EVENING=	55.2	Leq	NIGHT=	43.9	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	52.9
		CNEL=	54.5
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	7 16 33
		CNEL:	9 20 43

Scenario: Builodout (1 of 2)  
 Roadway: 100th St E  
 Segment: Lancaster City Line to Avenue L

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	2,300
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	16
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	102	1	2	278	2	6	21	0	0
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-12.6	-33.8	-29.5	-8.3	-29.5	-25.1	-19.6	-40.8	-36.4
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	55.5	41.4	49.7	59.9	45.8	54.1	48.6	34.5	42.8
VEHICULAR NOISE	DAY=	56.6	Leq	EVENING=	61.0	Leq	NIGHT=	49.7	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	58.7
		CNEL=	60.3
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	18
		CNEL:	23
			38
			82
			49
			105

Scenario: Builodout (1 of 2)  
 Roadway: Avenue L  
 Segment: 55th St W to 40th St W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	11,300
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	500	4	10	1368	10	28	102	1	2
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-4.3	-25.5	-21.2	0.0	-21.2	-16.8	-11.3	-32.5	-28.1
Distance	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	58.9	46.7	55.8	63.3	51.0	60.2	52.0	39.7	48.9
VEHICULAR NOISE	DAY=	60.8	Leq	EVENING=	65.2	Leq	NIGHT=	53.9	Leq

RESULTS						
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	62.9		
			CNEL=	64.5		
NOISE CONTOUR:			70 dBA	65 dBA	60 dBA	
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	33	72	155
			CNEL:	43	93	200



Scenario: Buildout (1 of 2)  
 Roadway: Avenue G  
 Segment: 25th St W to Division St

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	18,700
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	827	6	17	2264	17	46	168	1	3
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-3.5	-24.7	-20.4	0.8	-20.4	-16.0	-10.5	-31.7	-27.3
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	64.6	50.6	58.8	69.0	54.9	63.2	57.7	43.6	51.9
VEHICULAR NOISE	DAY=	65.8	Leq	EVENING=	70.1	Leq	NIGHT=	58.9	Leq

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	67.8
			CNEL=	69.5
NOISE CONTOUR:			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			Ldn:	72
			CNEL:	92
				154
				332
				428

Scenario: Builodout (1 of 2)  
 Roadway: Avenue H  
 Segment: Division St to 40th St E

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		16,400
SPEED (mph)	55	
ROAD NEAR-FAR LN. DIST.	25	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	725	6	15	1985	15	41	147	1	3
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-4.1	-25.3	-21.0	0.3	-20.9	-16.6	-11.0	-32.2	-27.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	64.1	50.0	58.3	68.4	54.4	62.6	57.1	43.1	51.3
VEHICULAR NOISE	DAY=	65.2	Leq	EVENING=	69.6	Leq	NIGHT=	58.3	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	67.3
		CNEL=	68.9
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	66 141 305
		CNEL:	84 182 392

Scenario: Builodout (1 of 2)  
 Roadway: 50th St E  
 Segment: Avenue K-4 to Avenue L

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	7,100
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	25
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	314	2	6	859	7	18	64	0	1
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-7.7	-28.9	-24.6	-3.4	-24.6	-20.2	-14.7	-35.9	-31.5
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	60.4	46.3	54.6	64.8	50.7	59.0	53.5	39.4	47.7
VEHICULAR NOISE	DAY=	61.6	Leq	EVENING=	65.9	Leq	NIGHT=	54.6	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	63.6
		CNEL=	65.3
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	38
		CNEL:	48
			81
			174
			224

Scenario: Builodout (1 of 2)  
 Roadway: Elizabeth Lake Rd  
 Segment: Johnson Rd to Portal Pass Rd

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	10,400
SPEED (mph)	55
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	460	3	9	1259	10	26	94	1	2
Speed in MPH	55	55	55	55	55	55	55	55	55
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	72.7	79.9	83.8	72.7	79.9	83.8	72.7	79.9	83.8
ADJUSTMENTS									
Flow	-6.1	-27.3	-23.0	-1.7	-22.9	-18.6	-13.0	-34.2	-29.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	62.0	48.0	56.3	66.4	52.3	60.6	55.1	41.1	49.3
VEHICULAR NOISE	DAY=	63.2	Leq	EVENING=	67.6	Leq	NIGHT=	56.3	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	65.2
		CNEL=	66.9
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	48
		CNEL:	62
			104
			224
			288

Scenario: Builodout (1 of 2)  
 Roadway: Amargosa Creek Rd  
 Segment: Portal Pass Rd to Johnson Rd

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		5,000
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	20	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	221	2	5	605	5	12	45	0	1
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-7.3	-28.5	-24.2	-2.9	-24.1	-19.8	-14.2	-35.4	-31.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.2	41.7	51.3	57.6	46.1	55.7	46.3	34.8	44.4
VEHICULAR NOISE	DAY=	55.6	Leq	EVENING=	59.9	Leq	NIGHT=	48.6	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	57.6
		CNEL=	59.3
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	15
		CNEL:	19

Scenario: Builodout (1 of 2)  
 Roadway: Avenue M  
 Segment: Elizabeth Lake Rd to 80th St W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		5,000
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	20	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	221	2	5	605	5	12	45	0	1
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-7.3	-28.5	-24.2	-2.9	-24.1	-19.8	-14.2	-35.4	-31.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.2	41.7	51.3	57.6	46.1	55.7	46.3	34.8	44.4
VEHICULAR NOISE	DAY=	55.6	Leq	EVENING=	59.9	Leq	NIGHT=	48.6	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	57.6
		CNEL=	59.3
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	15
		CNEL:	19

Scenario: Builodout (1 of 2)  
 Roadway: 110th St W  
 Segment: Johnson Rd to Avenue M

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		5,000
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	20	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	221	2	5	605	5	12	45	0	1
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-7.3	-28.5	-24.2	-2.9	-24.1	-19.8	-14.2	-35.4	-31.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.2	41.7	51.3	57.6	46.1	55.7	46.3	34.8	44.4
VEHICULAR NOISE	DAY=	55.6	Leq	EVENING=	59.9	Leq	NIGHT=	48.6	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	57.6
		CNEL=	59.3
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	15
		CNEL:	19
			32
			69
			89

Scenario: Builodout (1 of 2)  
 Roadway: Johnson Rd  
 Segment: Elizabeth Lake Rd to 110th St W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	7,600
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	14.75
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	336	3	7	920	7	19	68	1	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-6.1	-27.3	-22.9	-1.7	-22.9	-18.6	-13.0	-34.2	-29.9
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	56.7	44.5	53.6	61.1	48.8	58.0	49.8	37.5	46.7
VEHICULAR NOISE	DAY=	58.6	Leq	EVENING=	63.0	Leq	NIGHT=	51.7	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	60.7
		CNEL=	62.3
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	24
		CNEL:	31
			51
			111
			142



Scenario: Builodout (1 of 2)  
 Roadway: San Fransisquito Canyon Rd  
 Segment: Angeles National Forest Boundary to Elizabeth Lake Rd

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	4,200
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	18
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	186	1	4	508	4	10	38	0	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-8.6	-29.8	-25.5	-4.3	-25.5	-21.1	-15.6	-36.8	-32.4
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	54.1	41.9	51.1	58.5	46.3	55.4	47.2	35.0	44.1
VEHICULAR NOISE	DAY=	56.0	Leq	EVENING=	60.4	Leq	NIGHT=	49.1	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	58.1
		CNEL=	59.7
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	16
		CNEL:	21
			35
			75
			45
			96

Scenario: Builodout (1 of 2)  
 Roadway: Portal Pass Rd  
 Segment: Elizabeth Lake Rd to Ritter Ranch Rd

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		5,000
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	20	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	221	2	5	605	5	12	45	0	1
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-7.3	-28.5	-24.2	-2.9	-24.1	-19.8	-14.2	-35.4	-31.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.2	41.7	51.3	57.6	46.1	55.7	46.3	34.8	44.4
VEHICULAR NOISE	DAY=	55.6	Leq	EVENING=	59.9	Leq	NIGHT=	48.6	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	57.6
		CNEL=	59.3
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	15
		CNEL:	19

Scenario: Buildout (1 of 2)  
 Roadway: Ritter Ranch Rd  
 Segment: Portal Pass Rd to Bouquet Canyon Rd

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		5,000
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	20	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	221	2	5	605	5	12	45	0	1
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-7.3	-28.5	-24.2	-2.9	-24.1	-19.8	-14.2	-35.4	-31.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.2	41.7	51.3	57.6	46.1	55.7	46.3	34.8	44.4
VEHICULAR NOISE	DAY=	55.6	Leq	EVENING=	59.9	Leq	NIGHT=	48.6	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	57.6
		CNEL=	59.3
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	15
		CNEL:	19

Scenario: Builodout (1 of 2)  
 Roadway: 87th St W  
 Segment: Ritter Ranch Rd to Elizabeth Lake Rd

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		5,000
SPEED (mph)	35	
ROAD NEAR-FAR LN. DIST.	20	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	MT	HT
Vehicles per hour	221	2	5	605	5	12	45	0	1
Speed in MPH	35	35	35	35	35	35	35	35	35
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	65.1	74.8	80.0	65.1	74.8	80.0	65.1	74.8	80.0
ADJUSTMENTS									
Flow	-7.3	-28.5	-24.2	-2.9	-24.1	-19.8	-14.2	-35.4	-31.1
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	53.2	41.7	51.3	57.6	46.1	55.7	46.3	34.8	44.4
VEHICULAR NOISE	DAY=	55.6	Leq	EVENING=	59.9	Leq	NIGHT=	48.6	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	57.6
		CNEL=	59.3
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	15
		CNEL:	19

Scenario: Buildout (1 of 2)  
 Roadway: Avenue L-8  
 Segment: 10th St W to SR 14

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS		
ADT		4,800
SPEED (mph)	40	
ROAD NEAR-FAR LN. DIST.	54	
DISTANCE ROAD CL (ft)	100	
SOFT/HARD CONDITIONS	Soft	
GRADE (%)	0%	
LEFT VIEW	-90	
RIGHT VIEW	90	

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	AUTOS	DAYTIME MT	HT	AUTOS	EVENING MT	HT	AUTOS	NIGHT MT	HT
Vehicles per hour	212	2	4	581	4	12	43	0	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-8.1	-29.3	-24.9	-3.7	-24.9	-20.6	-15.0	-36.2	-31.9
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	54.9	42.7	51.9	59.3	47.1	56.2	48.0	35.8	44.9
VEHICULAR NOISE	DAY=	56.8	Leq	EVENING=	61.2	Leq	NIGHT=	49.9	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn= 58.9 CNEL= 60.5
NOISE CONTOUR:			70 65 60
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			70 dBA 65 dBA 60 dBA
Ldn:			18 39 84
CNEL:			23 50 109

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

RESULTS				
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	47.6	
		CNEL=	49.2	
NOISE CONTOUR:			70	65
			70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	3	7
		CNEL:	4	9
			60	15
			60 dBA	19

Scenario: Builodout (1 of 2)  
 Roadway: Avenue L-8  
 Segment: 60th St W to 80th St W

Project: 0  
 Analyst: NJF  
 Date: 08-Aug-14

ROADWAY INPUTS	
ADT	4,300
SPEED (mph)	40
ROAD NEAR-FAR LN. DIST.	54
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	AUTOS	DAYTIME MT	HT	AUTOS	EVENING MT	HT	AUTOS	NIGHT MT	HT
Vehicles per hour	190	1	4	521	4	11	39	0	1
Speed in MPH	40	40	40	40	40	40	40	40	40
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	67.4	76.3	81.2	67.4	76.3	81.2	67.4	76.3	81.2
ADJUSTMENTS									
Flow	-8.5	-29.7	-25.4	-4.2	-25.4	-21.0	-15.5	-36.7	-32.3
Distance	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4	-4.4
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	54.5	42.2	51.4	58.8	46.6	55.7	47.5	35.3	44.5
VEHICULAR NOISE	DAY=	56.4	Leq	EVENING=	60.7	Leq	NIGHT=	49.4	Leq

RESULTS						
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):			Ldn=	58.4		
			CNEL=	60.1		
			70	65	60	
			70 dBA	65 dBA	60 dBA	
NOISE CONTOUR:			Ldn:	17	36	78
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			CNEL:	22	47	101

Scenario: **Builodout (1 of 2)**  
 Roadway: **Davenport Road**  
 Segment: **Sierra Highway to Agua Dulce Canyon Road**

Project: **0**  
 Analyst: **NJF**  
 Date: **08-Aug-14**

ROADWAY INPUTS	
ADT	3,700
SPEED (mph)	50
ROAD NEAR-FAR LN. DIST.	16
DISTANCE ROAD CL (ft)	100
SOFT/HARD CONDITIONS	Soft
GRADE (%)	0%
LEFT VIEW	-90
RIGHT VIEW	90

VEHICLE MIX INPUTS			
DAILY		HOURLY	
% A	97.5%	DAY	54.5%
% MT	0.7%	EVENING	37.3%
% HT	2.0%	NIGHT	8.3%

CALCULATION AREA									
	AUTOS	DAYTIME MT	HT	AUTOS	EVENING MT	HT	AUTOS	NIGHT MT	HT
Vehicles per hour	164	1	3	448	3	9	33	0	1
Speed in MPH	50	50	50	50	50	50	50	50	50
Left angle	-90	-90	-90	-90	-90	-90	-90	-90	-90
Right angle	90	90	90	90	90	90	90	90	90
Reference levels (dBA)	71.1	78.8	83.0	71.1	78.8	83.0	71.1	78.8	83.0
ADJUSTMENTS									
Flow	-10.2	-31.4	-27.0	-5.8	-27.0	-22.7	-17.1	-38.3	-34.0
Distance	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6	-4.6
Finite Roadway	0	0	0	0	0	0	0	0	0
Barrier	0	0	0	0	0	0	0	0	0
Grade	0	0	0	0	0	0	0	0	0
LEQ	56.4	42.8	51.4	60.7	47.2	55.8	49.4	35.9	44.5
VEHICULAR NOISE	DAY=	57.7	Leq	EVENING=	62.1	Leq	NIGHT=	50.8	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	59.8
		CNEL=	61.4
		70	65
		70 dBA	65 dBA
NOISE CONTOUR:		60	60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	21
		CNEL:	27
			45
			58
			96
			124



