

## 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):		<b>Ldn=</b>	<b>53.5</b>
		<b>CNEL=</b>	<b>55.1</b>
NOISE CONTOUR:		70 dBA	65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		<b>Ldn:</b>	<b>8 17 37</b>
		<b>CNEL:</b>	<b>10 22 47</b>

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):		<b>Ldn=</b>	<b>56.5</b>
		<b>CNEL=</b>	<b>58.1</b>
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		<b>Ldn:</b>	<b>13</b>
		<b>CNEL:</b>	<b>16</b>
			<b>27</b>
			<b>58</b>
			<b>75</b>

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):			<b>Ldn= 56.5</b>
			<b>CNEL= 58.1</b>
NOISE CONTOUR:			70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			<b>Ldn: 13 27 58</b>
			<b>CNEL: 16 35 75</b>

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):		<b>Ldn=</b>	<b>61.5</b>
		<b>CNEL=</b>	<b>63.2</b>
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		<b>Ldn:</b>	<b>27</b>
		<b>CNEL:</b>	<b>35</b>
			<b>59</b>
			<b>126</b>
			<b>75</b>
			<b>162</b>

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
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	13
		CNEL:	16
			27
			58
			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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: 40	86 184
		CNEL: 51	110 237

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	86
		CNEL: 51	110
			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 60 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	28 61 130
		CNEL:	36 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 60 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: 101	217 469
		CNEL: 130	280 603

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= <b>68.4</b>	
		CNEL= <b>70.0</b>	
NOISE CONTOUR:		70 dBA	65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: <b>78</b>	<b>168</b> <b>363</b>
		CNEL: <b>100</b>	<b>216</b> <b>466</b>

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 60 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 60 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 60 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	3 7 16
		CNEL:	4 9 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 60 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	8 17 37
		CNEL:	10 22 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 60 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 37
		CNEL:	10 22 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 60 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 60 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 60 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	13 29 62
		CNEL:	17 37 79

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 60 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 60 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 60 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 60 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 60 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	20 44 94
		CNEL:	26 56 121

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 60 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 60 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	16 34 73
		CNEL:	20 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	18 39 84
		CNEL:	23 50 108

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	13 27 58
		CNEL:	16 35 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: 13	27 58
		CNEL: 16	35 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: 13	27 58
		CNEL: 16	35 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 60 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= <b>53.0</b>	
		CNEL= <b>54.6</b>	
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: <b>7</b>	<b>16</b>
		CNEL: <b>9</b>	<b>44</b>

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: 13	27 58
		CNEL: 16	35 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: 13	27 58
		CNEL: 16	35 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: 13	27 58
		CNEL: 16	35 75







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									
	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	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):		<b>Ldn=</b>	<b>56.0</b>
		<b>CNEL=</b>	<b>57.6</b>
NOISE CONTOUR:		<b>70</b>	<b>65</b>
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		<b>70 dBA</b>	<b>65 dBA</b>
<b>Ldn:</b>	<b>12</b>	<b>25</b>	<b>54</b>
<b>CNEL:</b>	<b>15</b>	<b>32</b>	<b>69</b>



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):		<b>Ldn=</b>	<b>53.8</b>
		<b>CNEL=</b>	<b>55.5</b>
NOISE CONTOUR:		70 dBA	65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		<b>Ldn:</b>	<b>8 18 39</b>
		<b>CNEL:</b>	<b>11 23 50</b>

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
		CNEL: 4	9
			15
			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):		<b>Ldn=</b>	<b>47.8</b>
		<b>CNEL=</b>	<b>49.5</b>
NOISE CONTOUR:		70 dBA	65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	<b>Ldn:</b>	<b>3</b>	<b>7 15</b>
	<b>CNEL:</b>	<b>4</b>	<b>9 20</b>

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):		<b>Ldn=</b>	<b>47.8</b>
		<b>CNEL=</b>	<b>49.5</b>
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	<b>Ldn:</b>	<b>3</b>	<b>7</b>
	<b>CNEL:</b>	<b>4</b>	<b>20</b>

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):		<b>Ldn=</b>	<b>47.8</b>
		<b>CNEL=</b>	<b>49.5</b>
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	<b>Ldn:</b>	<b>3</b>	<b>7</b>
	<b>CNEL:</b>	<b>4</b>	<b>20</b>

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):		<b>Ldn=</b>	<b>47.8</b>
		<b>CNEL=</b>	<b>49.5</b>
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	<b>Ldn:</b>	<b>3</b>	<b>7</b>
	<b>CNEL:</b>	<b>4</b>	<b>9</b>
			<b>20</b>

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):		<b>Ldn=</b>	<b>47.8</b>
		<b>CNEL=</b>	<b>49.5</b>
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	<b>Ldn:</b>	<b>3</b>	<b>7</b>
	<b>CNEL:</b>	<b>4</b>	<b>9</b>
			<b>20</b>

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 12
		CNEL:	3 7 16

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 60 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 19
		CNEL:	5 12 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 60 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 60 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= <b>56.2</b>	
		CNEL= <b>57.9</b>	
NOISE CONTOUR:		70 dBA	65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	12 26 56
		CNEL:	16 34 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 60 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	7 14 30
		CNEL:	9 18 39

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

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= <b>58.2</b>	
		CNEL= <b>59.9</b>	
NOISE CONTOUR:		70 dBA	65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	16 35 76
		CNEL:	21 46 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: 19	40 87
		CNEL: 24	53 113

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	161 347
		CNEL: 97	209 451

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	38 81 174
		CNEL:	49 105 226

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	18 39 84
		CNEL:	23 50 109

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 60 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 60 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 60 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	60 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 60 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 60 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: 25	53 114
		CNEL: 32	69 148

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: 25	54 116
		CNEL: 32	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= <b>61.6</b>	
		CNEL= <b>63.3</b>	
NOISE CONTOUR:		70 dBA	65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: <b>27</b>	<b>59</b> <b>128</b>
		CNEL: <b>36</b>	<b>77</b> <b>166</b>

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	26 55 119
		CNEL:	33 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	32 69 149
		CNEL:	42 90 193

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	14 31 67
		CNEL:	19 40 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	17 36 78
		CNEL:	22 47 101

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	17 36 78
		CNEL:	22 47 101

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	16 34 74
		CNEL:	21 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	14 31 67
		CNEL:	19 41 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	20 43 92
		CNEL:	26 55 119

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 60 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	35 76 164
		CNEL:	46 99 213

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	30 64 138
		CNEL:	39 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	58 125 269
		CNEL:	75 162 349

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 60 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 60 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=			EVENING=			NIGHT=		
		64.9	Leq		69.4	Leq		57.8	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn= <b>66.9</b>	
		CNEL= <b>68.6</b>	
NOISE CONTOUR:		70 dBA	65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	<b>62 133 287</b>
		CNEL:	<b>80 173 373</b>

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
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		70 dBA	65 dBA
		60 dBA	
Ldn:		54	116
CNEL:		70	151
			251
			325

Scenario: EXISTING (2 of 2)  
 Roadway: Pearblossom Highway (SR-138)  
 Segment: 131 Street E to 170th Street E

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

ROADWAY INPUTS	
ADT	17,700
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	791	3	6	2204	9	18	153	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	-2.9	-26.7	-23.8	1.6	-22.2	-19.4	-10.0	-33.8	-31.0
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	62.0	46.5	53.9	66.5	50.9	58.3	54.9	39.4	46.7
VEHICULAR NOISE	DAY=	62.8	Leq	EVENING=	67.2	Leq	NIGHT=	55.6	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	64.7
		CNEL=	66.4
NOISE CONTOUR:		70	65
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		70 dBA	65 dBA
Ldn:	44	96	206
CNEL:	58	124	268







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):			<b>Ldn= 82.6</b>
			<b>CNEL= 83.1</b>
NOISE CONTOUR:	70 dBA	65 dBA	60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	<b>Ldn: 694</b>	<b>1496</b>	<b>3223</b>
	<b>CNEL: 745</b>	<b>1604</b>	<b>3456</b>

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):		<b>Ldn=</b>	<b>82.5</b>
		<b>CNEL=</b>	<b>82.9</b>
NOISE CONTOUR:		70 dBA	65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		<b>Ldn:</b>	<b>676 1457 3140</b>
		<b>CNEL:</b>	<b>725 1563 3367</b>

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):		<b>Ldn=</b>	<b>77.7</b>
		<b>CNEL=</b>	<b>78.2</b>
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	<b>Ldn:</b>	<b>326</b>	<b>703</b>
	<b>CNEL:</b>	<b>350</b>	<b>1514</b>
			<b>1624</b>

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):			<b>Ldn= 77.9</b> <b>CNEL= 78.4</b>
NOISE CONTOUR:		70 dBA	65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	<b>Ldn:</b>	<b>336</b>	<b>724 1560</b>
	<b>CNEL:</b>	<b>360</b>	<b>777 1673</b>

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	397 855 1843
		CNEL:	426 917 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
		CNEL:	68	147
			296	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):				<b>Ldn= 65.9</b>
				<b>CNEL= 66.3</b>
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				<b>Ldn: 53 114 247</b>
				<b>CNEL: 57 123 264</b>

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):				<b>Ldn= 66.4</b>
				<b>CNEL= 66.8</b>
NOISE CONTOUR:				70 dBA 65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				<b>Ldn: 57 124 266</b>
				<b>CNEL: 62 133 286</b>

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):			<b>Ldn= 79.4</b> <b>CNEL= 79.9</b>
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	<b>Ldn:</b>	<b>425</b>	<b>916</b>
	<b>CNEL:</b>	<b>456</b>	<b>982</b>
		<b>60 dBA</b>	<b>2116</b>

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):		<b>Ldn=</b>	<b>81.2</b>
		<b>CNEL=</b>	<b>81.7</b>
NOISE CONTOUR:		70 dBA	65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	<b>Ldn:</b>	<b>558</b>	<b>1203 2592</b>
	<b>CNEL:</b>	<b>599</b>	<b>1290 2780</b>

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	493 1063 2290
		CNEL:	529 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	372 801 1726
		CNEL:	399 859 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):			<b>Ldn= 79.4</b> <b>CNEL= 79.9</b>
NOISE CONTOUR:		70 dBA	65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	<b>Ldn:</b>	<b>425</b>	<b>916 1973</b>
	<b>CNEL:</b>	<b>456</b>	<b>982 2116</b>

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
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	558
		CNEL:	599
			1203
			2592
			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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	493 1063 2290
		CNEL:	529 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	372 801 1726
		CNEL:	399 859 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	60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	Ldn:	1011	2178 4693
	CNEL:	1084	2336 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
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: 1019	2194
		CNEL: 1092	2353
			60 dBA
			4728
			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):		<b>Ldn=</b>	<b>58.0</b>
		<b>CNEL=</b>	<b>59.6</b>
NOISE CONTOUR:		70 dBA	65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	<b>Ldn:</b>	<b>16</b>	<b>34 73</b>
	<b>CNEL:</b>	<b>20</b>	<b>44 94</b>

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):		<b>Ldn=</b>	<b>53.0</b>
		<b>CNEL=</b>	<b>54.6</b>
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		<b>Ldn:</b>	<b>7 16 34</b>
		<b>CNEL:</b>	<b>9 20 44</b>

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
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
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
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
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	Ldn:	14	29
	CNEL:	18	38
		60 dBA	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):		<b>Ldn=</b>	<b>60.4</b>
		<b>CNEL=</b>	<b>62.0</b>
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		<b>Ldn:</b>	<b>23</b>
		<b>CNEL:</b>	<b>29</b>
			<b>49</b>
			<b>106</b>
			<b>63</b>
			<b>136</b>

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	9 20 43
		CNEL:	12 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	11 24 53
		CNEL:	15 31 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	21 45 97
		CNEL:	27 58 125

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	15 32 69
		CNEL:	19 41 89

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	19 42 90
		CNEL:	25 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	34
		CNEL: 20	44
			74
			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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	28 61 131
		CNEL:	36 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	19 40 87
		CNEL:	24 52 112

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	14 31 66
		CNEL:	18 39 85

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

Project: 0  
 Analyst: NJF  
 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	37 80 172
		CNEL:	48 103 221

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	29 62 133
		CNEL:	37 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	60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: 95	205	441
		CNEL: 122	264	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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	95 204 440
		CNEL:	122 263 566

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 60 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	36 78 168
		CNEL:	47 100 216

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	33 71 152
		CNEL:	42 91 196

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	33 71 152
		CNEL:	42 91 196

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	22 47 101
		CNEL:	28 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	57 123 265
		CNEL:	73 158 341

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 60 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 60 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 60 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	62 134 290
		CNEL:	80 173 373

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 60 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: 72	154 332
		CNEL: 92	199 428

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	58 124 267
		CNEL:	74 160 344

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	52 112 242
		CNEL:	67 145 311

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	30 65 141
		CNEL:	39 84 181

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	25 53 114
		CNEL:	32 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	32 70 150
		CNEL:	42 90 193

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	34 74 159
		CNEL:	44 95 204

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	17 36 77
		CNEL:	21 46 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 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 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: 28	60 129
		CNEL: 36	77 166

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	33 72 155
		CNEL:	43 93 200

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	114 245 527
		CNEL:	146 315 679

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	114 245 527
		CNEL:	146 315 679

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	60 dBA	
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):				Ldn:	92	199	428
				CNEL:	119	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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	97 209 450
		CNEL:	125 269 579

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	106 229 493
		CNEL:	137 294 634

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	60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: 98	210	453
		CNEL: 126	271	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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	93 200 430
		CNEL:	119 257 553

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									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	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
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		70 dBA	65 dBA	60 dBA
Ldn:	88	190	410	
CNEL:	114	245	528	







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):		<b>Ldn=</b>	<b>62.8</b>
		<b>CNEL=</b>	<b>64.5</b>
NOISE CONTOUR:			
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):			
		<b>Ldn:</b>	<b>33    72    154</b>
		<b>CNEL:</b>	<b>43    92    199</b>

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
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	680
		CNEL:	729
			1464
			3154
			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):			<b>Ldn= 79.7</b> <b>CNEL= 80.2</b>
NOISE CONTOUR:		70 dBA	65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	<b>Ldn:</b>	<b>446</b>	<b>961 2070</b>
	<b>CNEL:</b>	<b>478</b>	<b>1030 2220</b>

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	942
		CNEL: 469	1011
			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):		<b>Ldn=</b>	<b>57.8</b>
		<b>CNEL=</b>	<b>59.4</b>
NOISE CONTOUR:		70 dBA	65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		<b>Ldn:</b>	<b>15 33 71</b>
		<b>CNEL:</b>	<b>20 42 91</b>

Scenario: Buildout (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):		<b>Ldn=</b>	<b>57.6</b>
		<b>CNEL=</b>	<b>59.3</b>
NOISE CONTOUR:		70 dBA	65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	<b>Ldn:</b>	<b>15</b>	<b>32 69</b>
	<b>CNEL:</b>	<b>19</b>	<b>41 89</b>

Scenario: Buildout (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):		<b>Ldn=</b>	<b>57.6</b>
		<b>CNEL=</b>	<b>59.3</b>
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	<b>Ldn:</b>	<b>15</b>	<b>32</b>
	<b>CNEL:</b>	<b>19</b>	<b>41</b>
			<b>60 dBA</b>
			<b>89</b>

Scenario: Buildout (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):		<b>Ldn=</b>	<b>57.6</b>
		<b>CNEL=</b>	<b>59.3</b>
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	<b>Ldn:</b>	<b>15</b>	<b>32</b>
	<b>CNEL:</b>	<b>19</b>	<b>89</b>

Scenario: Buildout (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
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	13
		CNEL:	17
			29
			62
			79

Scenario: Buildout (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):		<b>Ldn=</b>	<b>64.9</b>
		<b>CNEL=</b>	<b>66.6</b>
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	<b>Ldn:</b>	<b>46</b>	<b>99</b>
	<b>CNEL:</b>	<b>59</b>	<b>127</b>
		<b>213</b>	<b>274</b>

Scenario: Buildout (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):		<b>Ldn=</b>	<b>57.6</b>
		<b>CNEL=</b>	<b>59.3</b>
NOISE CONTOUR:		70 dBA	65 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):	<b>Ldn:</b>	<b>15</b>	<b>32</b>
	<b>CNEL:</b>	<b>19</b>	<b>41</b>
			<b>60 dBA</b>
			<b>89</b>

Scenario: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: 43	92 199
		CNEL: 55	119 256

Scenario: Buildout (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: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	22 46 100
		CNEL:	28 60 129

Scenario: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	52 113 244
		CNEL:	68 146 314

Scenario: Buildout (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=			EVENING=			NIGHT=		
		64.3	Leq		68.7	Leq		57.4	Leq

RESULTS			
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn= 66.3	
		CNEL= 68.0	
NOISE CONTOUR:		70 dBA	65 dBA 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	57 123 265
		CNEL:	73 158 341

Scenario: Buildout (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: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: 20	42 91
		CNEL: 25	54 117

Scenario: Buildout (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: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	138 297 640
		CNEL:	178 382 824

Scenario: Buildout (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	60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: 97	210	452
		CNEL: 125	270	581

Scenario: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	20 43 92
		CNEL:	25 55 118

Scenario: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	20 43 92
		CNEL:	25 55 118

Scenario: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: 21	46 99
		CNEL: 27	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 60 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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	15 32 68
		CNEL:	19 41 88

Scenario: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	36 78 169
		CNEL:	47 101 217

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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	8 18 39
		CNEL:	11 23 50

Scenario: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	36 78 169
		CNEL:	47 101 217

Scenario: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	3 7 15
		CNEL:	4 9 19

Scenario: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	20 43 92
		CNEL:	26 55 119

Scenario: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: 21	45 98
		CNEL: 27	58 126

Scenario: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	33 70 152
		CNEL:	42 91 195

Scenario: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	5 11 25
		CNEL:	7 15 32

Scenario: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	11 25 53
		CNEL:	15 32 68

Scenario: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: 13	27 59
		CNEL: 16	35 76

Scenario: Buildout (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: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	18 38 82
		CNEL:	23 49 105

Scenario: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: 72	154 332
		CNEL: 92	199 428

Scenario: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	66 141 305
		CNEL:	84 182 392

Scenario: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	38 81 174
		CNEL:	48 104 224

Scenario: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	48 104 224
		CNEL:	62 134 288

Scenario: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	15 32 69
		CNEL:	19 41 89

Scenario: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	15 32 69
		CNEL:	19 41 89

Scenario: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	15 32 69
		CNEL:	19 41 89

Scenario: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn: 24	51 111
		CNEL: 31	66 142

Scenario: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	16 35 75
		CNEL:	21 45 96

Scenario: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	15 32 69
		CNEL:	19 41 89

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=			EVENING=			NIGHT=		
		55.6	Leq		59.9	Leq		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: Buildout (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 60 dBA
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		Ldn:	15 32 69
		CNEL:	19 41 89

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									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	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
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		70 dBA	65 dBA
		60 dBA	
		Ldn:	18 39 84
		CNEL:	23 50 109



Scenario: Buildout (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									
	DAYTIME			EVENING			NIGHT		
	AUTOS	MT	HT	AUTOS	MT	HT	AUTOS	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		
NOISE CONTOUR:		70	65	60	
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		70 dBA	65 dBA	60 dBA	
		Ldn:	17	36	78
		CNEL:	22	47	101



Scenario: **Buildout (1 of 2)**  
 Roadway: **Agua Dulce Canyon Road**  
 Segment: **Soledad Canyon Road to Sierra Highway**

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

ROADWAY INPUTS	
ADT	8,300
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	367	3	8	1005	8	21	75	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	-5.7	-26.9	-22.6	-1.3	-22.5	-18.2	-12.6	-33.8	-29.5
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	57.1	44.8	54.0	61.5	49.2	58.4	50.2	37.9	47.1
VEHICULAR NOISE	DAY=	59.0	Leq	EVENING=	63.4	Leq	NIGHT=	52.1	Leq

RESULTS					
NOISE LEVELS AT 100 FEET FROM CENTERLINE (dBA):		Ldn=	61.0		
		CNEL=	62.7		
NOISE CONTOUR:		70	65	60	
ROAD CENTERLINE DISTANCE TO NOISE CONTOUR (FEET):		70 dBA	65 dBA	60 dBA	
		Ldn:	25	54	117
		CNEL:	33	70	151