Federal Highway Administration RD-77-108 Traffic Noise Prediction Model (CALVENO)								
Project Name:	Jeffrey/ICD Intersection In	mprovem	ents	Scenario:	Existing			
Analyst:	Danielle Regimbal			Job #:	161832			
Roadway:	Jeffrey							
Road Segment:	North of Irvine Center Driv	ve		_	_			
PR	OJECT DATA			S	ITE DATA			
Centerline Dist to Barrie	er: 0		Road Grade:		0			
Barrier (0=wall, 1= berr	n): 0		Average Dail	y Traffic:	44861			
Receiver Barrier Dist:	0		Peak Hour T	raffic:	4486.1			
Centerline Dist. To Obs	server: 100		Vehicle Speed:		50			
Barrier Near Lane CL D	Dist: 0		Centerline Se	eparation:	53			
Barrier Far lane CL Dis	t: 0			NO	ISE INPUT	S		
Pad Elevation:	0.5		Site condition	ns:SOFT SI	TE			
Road Elevation:	0			F	LEET MIX			
Observer Height (above	e grade): 5.5		Туре	Day	Evening	Night	Daily	
Barrier Height:	0		Auto	0.775	0.129	0.096	0.9742	
Rt View: 90	Lft View:	-90	Med. Truck	0.848	0.049	0.103	0.0184	
NOISE SOUR	CE ELEVATIONS (Feet)	_	Heavy Truck	0.865	0.027	0.108	0.0074	
Autos:	0							
Medium Trucks:	2.3							
Heavy Trucks:	8							

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)								
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL		
Autos:	57.4	66.2	64.4	58.3	66.9	67.5		
Medium Trucks:	65.1	57.0	50.6	49.0	57.5	57.8		
Heavy Trucks:	69.3	57.3	48.3	49.5	58.9	59.0		
Vehicle Noise:	71.6	67.3	64.7	59.4	68.0	68.5		

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)								
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL		
Autos:								
Medium Trucks:								
Heavy Trucks:								
Vehicle Noise:								

CENTERLINE NOISE CONTOUR						
Unmitigated						
60 dBA	455					
65 dBA	211					
70 dBA	98					
Mitigated						
60 dBA						
65 dBA						
70 dBA						



	Federal High Traffic Noise	way Adm Prediction	inistration R on Model (C/	D-77-108 ALVENO)			
Project Name:	Jeffrey/ICD Intersection I	mprovem	ents	Scenario:	Existing		
Analyst:	Danielle Regimbal			Job #:	161832		
Roadway:	Jeffrey						
Road Segment:	South of Irvine Center Dr	rive					
PR	OJECT DATA			S	ITE DATA		
Centerline Dist to Barrie	er: 0		Road Grade:		0		
Barrier (0=wall, 1= bern	n): 0		Average Dail	y Traffic:	40915		
Receiver Barrier Dist:	0		Peak Hour Traffic: 4091.5				
Centerline Dist. To Obs	erver: 100		Vehicle Speed:		50		
Barrier Near Lane CL D	Dist: 0		Centerline Se	eparation:	64		
Barrier Far lane CL Dist	t: O			NO	ISE INPUT	S	
Pad Elevation:	0.5		Site conditior	ns:SOFT SI	TE		
Road Elevation:	0			F	LEET MIX		
Observer Height (above	e grade): 5.5		Туре	Day	Evening	Night	Daily
Barrier Height:	0		Auto	0.775	0.129	0.096	0.9742
Rt View: 90	Lft View:	-90	Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOUR	CE ELEVATIONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074
Autos:	0						
Medium Trucks:	2.3						
Heavy Trucks:	8						

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)								
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL		
Autos:	56.8	65.5	63.7	57.7	66.3	66.9		
Medium Trucks:	64.4	56.4	50.0	48.4	56.9	57.1		
Heavy Trucks:	68.7	56.7	47.7	48.9	58.3	58.4		
Vehicle Noise:	71.0	66.6	64.1	58.8	67.4	67.9		

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)									
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL			
Autos:									
Medium Trucks:									
Heavy Trucks:									
Vehicle Noise:									

CENTERLINE NOISE CONTOUR							
Unmitigated							
60 dBA	429						
65 dBA	199						
70 dBA	92						
Mitigated							
60 dBA							
65 dBA							
70 dBA							



	F	ederal Highw raffic Noise I	vay Adm Predictio	inistration R	(D-77-108 ALVENO)			
Project Name:	Jeffrey/ICD I	ntersection Im	provem	ents	Scenario:	Existing		
Analyst:	Danielle Reg	jimbal	•		Job #:	161832		
Roadway:	rvine Center	Drive						
Road Segment:	East of Jeffre	ey Road						
PRO	DJECT DAT	A			S	ITE DATA		
Centerline Dist to Barrie	er:	0		Road Grade:		0		
Barrier (0=wall, 1= berm	n):	0		Average Dail	y Traffic:	26112		
Receiver Barrier Dist:		0		Peak Hour T	raffic:	2611.2		
Centerline Dist. To Obse	erver:	100		Vehicle Speed:		50		
Barrier Near Lane CL D	ist:	0		Centerline Se	eparation:	63		
Barrier Far lane CL Dist	:	0			NO	ISE INPUT	S	
Pad Elevation:		0.5		Site conditior	ns: SOFT SI	TE		
Road Elevation:		0			F	LEET MIX		
Observer Height (above	grade):	5.5		Туре	Day	Evening	Night	Daily
Barrier Height:		0		Auto	0.775	0.129	0.096	0.9742
Rt View: 90	Li	ft View:	-90	Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOUR	CE ELEVAT	IONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074
Autos:		0						
Medium Trucks:		2.3						
Heavy Trucks:		8						

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)								
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL		
Autos:	54.8	63.6	61.8	55.7	64.4	65.0		
Medium Trucks:	62.5	54.4	48.0	46.5	55.0	55.2		
Heavy Trucks:	66.7	54.8	45.7	46.9	56.3	56.5		
Vehicle Noise:	69.0	64.7	62.1	56.8	65.4	65.9		

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)									
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL			
Autos:									
Medium Trucks:									
Heavy Trucks:									
Vehicle Noise:									

CENTERLINE NOISE CONTOUR						
Unmitigated						
60 dBA	318					
65 dBA	148					
70 dBA	68					
Mitigated						
60 dBA						
65 dBA						
70 dBA						



	Federa Traffic	l Highway Adn Noise Predicti	ninistration R on Model (C	RD-77-108 ALVENO)			
Project Name:	Jeffrey/ICD Interse	ction Improvem	ents	Scenario:	Existing		
Analyst:	Danielle Regimbal	·		Job #:	161832		
Roadway:	rvine Center Drive						
Road Segment:	West of Jeffrey Roa	ad					
PR	OJECT DATA			S	ITE DATA		
Centerline Dist to Barrie	er:	0	Road Grade:		0		
Barrier (0=wall, 1= bern	ו):	0	Average Dail	ly Traffic:	29465		
Receiver Barrier Dist:		0	Peak Hour T	raffic:	2946.5		
Centerline Dist. To Obs	erver: 10	0	Vehicle Speed:		50		
Barrier Near Lane CL D	ist:	0	Centerline Se	eparation:	63		
Barrier Far lane CL Dist		0		NO	ISE INPUT	S	
Pad Elevation:	0	.5	Site condition	ns:SOFT SI	TE		
Road Elevation:		0		F	LEET MIX		
Observer Height (above	e grade): 5	.5	Туре	Day	Evening	Night	Daily
Barrier Height:		0	Auto	0.775	0.129	0.096	0.9742
Rt View: 90	Lft View	: -90	Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOUR	CE ELEVATIONS	(Feet)	Heavy Truck	0.865	0.027	0.108	0.0074
Autos:		0					
Medium Trucks:	2	.3					
Heavy Trucks:		8					

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)							
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL	
Autos:	55.3	64.1	62.3	56.3	64.9	65.5	
Medium Trucks:	63.0	55.0	48.6	47.0	55.5	55.7	
Heavy Trucks:	67.2	55.3	46.3	47.5	56.9	57.0	
Vehicle Noise:	69.6	65.2	62.6	57.3	65.9	66.5	

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)							
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL	
Autos:							
Medium Trucks:							
Heavy Trucks:							
Vehicle Noise:							

CENTERLINE NOISE CONTOUR							
Unmitigated							
60 dBA	344						
65 dBA	160						
70 dBA	74						
Mitigated							
60 dBA							
65 dBA							
70 dBA							



	Federal Highway Ao Traffic Noise Predic	Iministration F ction Model (C	RD-77-108 ALVENO)			
Project Name:	Jeffrey/ICD Intersection Improve	ments	Scenario:	Near Term	Plus Proje	ct
Analyst:	Danielle Regimbal		Job #:	161832	-	
Roadway:	Jeffrey					
Road Segment:	North of Irvine Center Drive					
PR	OJECT DATA		S	SITE DATA		
Centerline Dist to Barrie	er: O	Road Grade		0		
Barrier (0=wall, 1= berm	n): O	Average Dai	ly Traffic:	53740		
Receiver Barrier Dist:	0	Peak Hour T	raffic:	5374		
Centerline Dist. To Obs	erver: 100	Vehicle Spee	ed:	50		
Barrier Near Lane CL D	ist: 0	Centerline S	eparation:	65		
Barrier Far lane CL Dist	: 0		NO	ISE INPUT	S	
Pad Elevation:	0.5	Site condition	ns: SOFT S I	ITE		
Road Elevation:	0		F	LEET MIX		
Observer Height (above	e grade): 5.5	Туре	Day	Evening	Night	Daily
Barrier Height:	0	Auto	0.775	0.129	0.096	0.9742
Rt View: 90	Lft View: -9	0 Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOUR	CE ELEVATIONS (Feet)	Heavy Truck	0.865	0.027	0.108	0.0074
Autos:	0		-			
Medium Trucks:	2.3					
Heavy Trucks:	8					

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)							
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL	
Autos:	57.9	66.7	64.9	58.8	67.5	68.1	
Medium Trucks:	65.6	57.5	51.1	49.6	58.1	58.3	
Heavy Trucks:	69.8	57.9	48.8	50.0	59.4	59.6	
Vehicle Noise:	72.1	67.8	65.2	59.9	68.5	69.0	

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)							
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL	
Autos:							
Medium Trucks:							
Heavy Trucks:							
Vehicle Noise:							

CENTERLINE NOISE CONTOUR							
Unmitigated							
60 dBA	514						
65 dBA	238						
70 dBA	111						
Mitigated							
60 dBA							
65 dBA							
70 dBA							



	Federal Traffic N	Highway Adm Noise Predicti	ninistration R on Model (C	(D-77-108 ALVENO)			
Project Name:	Jeffrey/ICD Intersec	tion Improvem	ents	Scenario:	Near Term	Plus Proje	ct
Analyst:	Danielle Regimbal			Job #:	161832	-	
Roadway:	Jeffrey						
Road Segment:	South of Irvine Cent	er Drive					
PR	OJECT DATA			S	SITE DATA		
Centerline Dist to Barrie	er:	0	Road Grade:		0		
Barrier (0=wall, 1= berm	n):	0	Average Dail	y Traffic:	50760		
Receiver Barrier Dist:		0	Peak Hour T	raffic:	5076		
Centerline Dist. To Obs	erver: 10	0	Vehicle Spee	ed:	50		
Barrier Near Lane CL D	Pist:	0	Centerline Se	eparation:	65		
Barrier Far lane CL Dist	t: (0		NO	ISE INPUT	S	
Pad Elevation:	0.	5	Site condition	ns:SOFT S	TE		
Road Elevation:		0		F	LEET MIX		
Observer Height (above	e grade): 5.	5	Туре	Day	Evening	Night	Daily
Barrier Height:		0	Auto	0.775	0.129	0.096	0.9742
Rt View: 90	Lft View:	-90	Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOUR	CE ELEVATIONS (Feet)	Heavy Truck	0.865	0.027	0.108	0.0074
Autos:		0		•	-		
Medium Trucks:	2.3	3					
Heavy Trucks:		8					

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)							
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL	
Autos:	57.7	66.4	64.7	58.6	67.2	67.8	
Medium Trucks:	65.3	57.3	50.9	49.3	57.8	58.0	
Heavy Trucks:	69.6	57.6	48.6	49.8	59.2	59.3	
Vehicle Noise:	71.9	67.5	65.0	59.7	68.3	68.8	

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)							
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL	
Autos:							
Medium Trucks:							
Heavy Trucks:							
Vehicle Noise:							

CENTERLINE NOISE CONTOUR						
Unmitigated						
60 dBA	494					
65 dBA	230					
70 dBA	107					
Mitigated						
60 dBA						
65 dBA						
70 dBA						



				iniotration D	D 77 400				
		Traffic Noiso P	ay Adm	Inistration R					
Project Name: J	effrev/ICD	Intersection Im	orovem	ents	Scenario:	Near Term	Plus Proie	ct	
Analyst D)anielle Re	aimbal			Job #	161832			
Roadway: Ir	vine Cente	er Drive				101002			
Road Segment: E	ast of Jeff	rey Road							
PRC	JECT DA	TĂ			S	ITE DATA			
Centerline Dist to Barrier	r:	0		Road Grade:		0			
Barrier (0=wall, 1= berm):	0		Average Dail	y Traffic:	34070			
Receiver Barrier Dist:		0		Peak Hour T	raffic:	3407			
Centerline Dist. To Obse	erver:	100		Vehicle Speed:		50			
Barrier Near Lane CL Di	st:	0		Centerline Se	eparation:	68			
Barrier Far lane CL Dist:		0		NOISE INPUTS					
Pad Elevation:		0.5		Site conditions: SOFT SITE					
Road Elevation:		0			F	LEET MIX			
Observer Height (above	grade):	5.5		Туре	Day	Evening	Night	Daily	
Barrier Height:		0		Auto	0.775	0.129	0.096	0.9742	
Rt View: 90		Lft View:	-90	Med. Truck	0.848	0.049	0.103	0.0184	
NOISE SOURC	E ELEVA	TIONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074	
Autos:		0							
Medium Trucks:		2.3							
Heavy Trucks:		8							

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)								
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL		
Autos:	55.9	64.7	62.9	56.8	65.4	66.0		
Medium Trucks:	63.6	55.5	49.1	47.5	56.0	56.3		
Heavy Trucks:	67.8	55.8	46.8	48.0	57.4	57.5		
Vehicle Noise:	70.1	65.8	63.2	57.9	66.5	67.0		

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)							
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL	
Autos:							
Medium Trucks:							
Heavy Trucks:							
Vehicle Noise:							

CENTERLINE NOISE CONTOUR							
Unmitigated							
60 dBA	379						
65 dBA	176						
70 dBA	82						
Mitigated							
60 dBA							
65 dBA							
70 dBA							



	F	ederal Highw	ay Adm	inistration R	(D-77-108 ALVENO)			
Project Name: Je	effrey/ICD I	ntersection Im	provem	ents	Scenario:	Near Term	Plus Proje	ct
Analyst: D	anielle Reg	jimbal	•		Job #:	161832		
Roadway: In	vine Center	Drive						
Road Segment: W	est of Jeffr	ey Road						
PRO	JECT DAT	A			S	ITE DATA		
Centerline Dist to Barrier		0		Road Grade:		0		
Barrier (0=wall, 1= berm)	:	0		Average Dail	y Traffic:	36830		
Receiver Barrier Dist:		0		Peak Hour Traffic:		3683		
Centerline Dist. To Obse	rver:	100		Vehicle Speed:		50		
Barrier Near Lane CL Dis	st:	0		Centerline Se	eparation:	68		
Barrier Far lane CL Dist:		0			NO	ISE INPUT	S	
Pad Elevation:		0.5		Site conditior	ns:SOFT S	TE		
Road Elevation:		0			F	LEET MIX		
Observer Height (above	grade):	5.5		Туре	Day	Evening	Night	Daily
Barrier Height:		0		Auto	0.775	0.129	0.096	0.9742
Rt View: 90	Li	ft View:	-90	Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOURC	E ELEVAT	IONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074
Autos:		0						
Medium Trucks:		2.3						
Heavy Trucks:		8						

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)								
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL		
Autos:	56.2	65.0	63.2	57.1	65.8	66.4		
Medium Trucks:	63.9	55.8	49.4	47.9	56.4	56.6		
Heavy Trucks:	68.1	56.2	47.1	48.3	57.7	57.9		
Vehicle Noise:	70.4	66.1	63.5	58.2	66.8	67.3		

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)								
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL		
Autos:								
Medium Trucks:								
Heavy Trucks:								
Vehicle Noise:								

CENTERLINE NOISE CONTOUR							
Unmitigated							
60 dBA	399						
65 dBA	185						
70 dBA	86						
Mitigated							
60 dBA							
65 dBA							
70 dBA							



	Federal Highway Ad Traffic Noise Predic	ministration F tion Model (C	RD-77-108 ALVENO)			
Project Name:	Jeffrey/ICD Intersection Improver	ments	Scenario:	Near Term	l	
Analyst: I	Danielle Regimbal		Job #:	161832		
Roadway:	Jeffrey					
Road Segment:	North of Irvine Center Drive					
PRO	OJECT DATA		S	SITE DATA		
Centerline Dist to Barrie	er: 0	Road Grade		0		
Barrier (0=wall, 1= berm	ר): 0	Average Dai	ly Traffic:	53740		
Receiver Barrier Dist:	0	Peak Hour T	raffic:	5374		
Centerline Dist. To Obs	erver: 100	Vehicle Spee	ed:	50		
Barrier Near Lane CL D	vist: 0	Centerline S	eparation:	53		
Barrier Far lane CL Dist	:: O		NO	ISE INPUT	S	
Pad Elevation:	0.5	Site condition	ns:SOFT S	TE		
Road Elevation:	0		F	LEET MIX		
Observer Height (above	e grade): 5.5	Туре	Day	Evening	Night	Daily
Barrier Height:	0	Auto	0.775	0.129	0.096	0.9742
Rt View: 90	Lft View: -9	0 Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOUR	CE ELEVATIONS (Feet)	Heavy Truck	0.865	0.027	0.108	0.0074
Autos:	0					
Medium Trucks:	2.3					
Heavy Trucks:	8					

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)								
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL		
Autos:	58.2	66.9	65.2	59.1	67.7	68.3		
Medium Trucks:	65.8	57.8	51.4	49.8	58.3	58.5		
Heavy Trucks:	70.1	58.1	49.1	50.3	59.7	59.8		
Vehicle Noise:	72.4	68.0	65.5	60.2	68.8	69.3		

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)							
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL	
Autos:							
Medium Trucks:							
Heavy Trucks:							
Vehicle Noise:							

CENTERLINE NOISE CONTOUR							
Unmitigated							
60 dBA	514						
65 dBA	239						
70 dBA	111						
Mitigated							
60 dBA							
65 dBA							
70 dBA							



	Federal Highway Ad Traffic Noise Predict	ninistration F ion Model (C	RD-77-108 ALVENO)			
Project Name: Jo	effrey/ICD Intersection Improver	nents	Scenario:	Near Term		
Analyst: D	anielle Regimbal		Job #:	161832		
Roadway: Jo	effrey					
Road Segment: S	outh of Irvine Center Drive					
PRO	JECT DATA		S	SITE DATA		
Centerline Dist to Barrier	: 0	Road Grade:		0		
Barrier (0=wall, 1= berm)): O	Average Dai	ly Traffic:	50760		
Receiver Barrier Dist:	0	Peak Hour T	raffic:	5076		
Centerline Dist. To Obse	rver: 100	Vehicle Spee	ed:	50		
Barrier Near Lane CL Dis	st: 0	Centerline S	eparation:	64		
Barrier Far lane CL Dist:	0		NO	ISE INPUT	S	
Pad Elevation:	0.5	Site condition	ns:SOFT SI	ITE		
Road Elevation:	0		F	LEET MIX		
Observer Height (above	grade): 5.5	Туре	Day	Evening	Night	Daily
Barrier Height:	0	Auto	0.775	0.129	0.096	0.9742
Rt View: 90	Lft View: -90	Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOURC	E ELEVATIONS (Feet)	Heavy Truck	0.865	0.027	0.108	0.0074
Autos:	0					
Medium Trucks:	2.3					
Heavy Trucks:	8					

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	57.7	66.5	64.7	58.6	67.2	67.9
Medium Trucks:	65.4	57.3	50.9	49.3	57.8	58.1
Heavy Trucks:	69.6	57.7	48.6	49.8	59.2	59.3
Vehicle Noise:	71.9	67.6	65.0	59.7	68.3	68.8

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)							
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL	
Autos:							
Medium Trucks:							
Heavy Trucks:							
Vehicle Noise:							

CENTERLINE NOISE CONTOUR						
Unmitigated						
60 dBA	494					
65 dBA	230					
70 dBA	107					
Mitigated						
60 dBA						
65 dBA						
70 dBA						



	Federal Traffic N	Highway Adm loise Predicti	ninistration R on Model (C	(D-77-108 ALVENO)				
Project Name: J	effrey/ICD Intersec	tion Improvem	ents	Scenario:	Near Term			
Analyst: D	Danielle Regimbal	•		Job #:	161832			
Roadway: li	rvine Center Drive							
Road Segment: E	East of Jeffrey Road	l						
PRC	DJECT DATA			S	SITE DATA			
Centerline Dist to Barrie	r: ()	Road Grade:		0			
Barrier (0=wall, 1= berm): ()	Average Dail	y Traffic:	34070			
Receiver Barrier Dist:	()	Peak Hour T	raffic:	3407			
Centerline Dist. To Obse	erver: 100)	Vehicle Spee	ed:	50			
Barrier Near Lane CL Di	st: C)	Centerline Se	eparation:	63			
Barrier Far lane CL Dist:	: ()	NOISE INPUTS					
Pad Elevation:	0.5	5	Site conditior	ns:SOFT S	TE			
Road Elevation:	()		F	LEET MIX			
Observer Height (above	grade): 5.5	5	Туре	Day	Evening	Night	Daily	
Barrier Height:	()	Auto	0.775	0.129	0.096	0.9742	
Rt View: 90	Lft View:	-90	Med. Truck	0.848	0.049	0.103	0.0184	
NOISE SOURC	CE ELEVATIONS (I	Feet)	Heavy Truck	0.865	0.027	0.108	0.0074	
Autos:	()						
Medium Trucks:	2.3	3						
Heavy Trucks:	8	3						

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)							
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL	
Autos:	56.0	64.8	63.0	56.9	65.5	66.1	
Medium Trucks:	63.7	55.6	49.2	47.6	56.1	56.3	
Heavy Trucks:	67.9	55.9	46.9	48.1	57.5	57.6	
Vehicle Noise:	70.2	65.9	63.3	58.0	66.6	67.1	

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)							
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL	
Autos:							
Medium Trucks:							
Heavy Trucks:							
Vehicle Noise:							

CENTERLINE NOISE CONTOUR						
Unmitigated						
60 dBA	379					
65 dBA	176					
70 dBA	82					
Mitigated						
60 dBA						
65 dBA						
70 dBA						



	Federal Highwa Traffic Noise Pr	y Adm edictio	inistration R	(D-77-108 ALVENO)				
Proiect Name: Je	effrev/ICD Intersection Imp	rovem	ents	Scenario:	Near Term			
Analyst: D	anielle Regimbal			Job #:	161832			
Roadway: In	vine Center Drive							
Road Segment: W	est of Jeffrey Road							
PRO	JECT DATA			S	SITE DATA			
Centerline Dist to Barrier	0		Road Grade:		0			
Barrier (0=wall, 1= berm)	: 0		Average Dail	y Traffic:	36830			
Receiver Barrier Dist:	0		Peak Hour T	raffic:	3683			
Centerline Dist. To Obse	rver: 100		Vehicle Speed:		50			
Barrier Near Lane CL Dis	st: 0		Centerline Se	eparation:	63			
Barrier Far lane CL Dist:	0		NOISE INPUTS					
Pad Elevation:	0.5		Site conditior	ns:SOFT S	TE			
Road Elevation:	0			F	LEET MIX			
Observer Height (above	grade): 5.5		Туре	Day	Evening	Night	Daily	
Barrier Height:	0		Auto	0.775	0.129	0.096	0.9742	
Rt View: 90	Lft View:	-90	Med. Truck	0.848	0.049	0.103	0.0184	
NOISE SOURC	E ELEVATIONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074	
Autos:	0							
Medium Trucks:	2.3							
Heavy Trucks:	8							

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:	56.3	65.1	63.3	57.2	65.9	66.5
Medium Trucks:	64.0	55.9	49.5	48.0	56.5	56.7
Heavy Trucks:	68.2	56.3	47.2	48.4	57.8	58.0
Vehicle Noise:	70.5	66.2	63.6	58.3	66.9	67.4

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)							
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL	
Autos:							
Medium Trucks:							
Heavy Trucks:							
Vehicle Noise:							

CENTERLINE NOISE CONTOUR						
Unmitigated						
60 dBA	399					
65 dBA	185					
70 dBA	86					
Mitigated						
60 dBA						
65 dBA						
70 dBA						



	Federal Highway Traffic Noise Pred	Adn dicti	ninistration R on Model (C	2D-77-108 ALVENO)			
Project Name:	Jeffrey/ICD Intersection Improv	vem	ents	Scenario:	Future Plu	s Project	
Analyst:	Danielle Regimbal			Job #:	161832		
Roadway:	Jeffrey						
Road Segment:	North of Irvine Center Drive						
PR	OJECT DATA			S	SITE DATA		
Centerline Dist to Barrie	er: 0		Road Grade:		0		
Barrier (0=wall, 1= bern	n): 0		Average Dail	y Traffic:	59500		
Receiver Barrier Dist:	0		Peak Hour T	raffic:	5950		
Centerline Dist. To Obs	erver: 100		Vehicle Speed:		50		
Barrier Near Lane CL D	Dist: 0		Centerline Se	eparation:	65		
Barrier Far lane CL Dist	t: O			NO	ISE INPUT	S	
Pad Elevation:	0.5		Site condition	ns:SOFT S	ITE		
Road Elevation:	0			F	LEET MIX		
Observer Height (above	e grade): 5.5		Туре	Day	Evening	Night	Daily
Barrier Height:	0		Auto	0.775	0.129	0.096	0.9742
Rt View: 90	Lft View:	-90	Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOUR	CE ELEVATIONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074
Autos:	0						
Medium Trucks:	2.3						
Heavy Trucks:	8						

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)								
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL		
Autos:	58.4	67.1	65.4	59.3	67.9	68.5		
Medium Trucks:	66.0	58.0	51.6	50.0	58.5	58.7		
Heavy Trucks:	70.3	58.3	49.3	50.5	59.9	60.0		
Vehicle Noise:	72.6	68.2	65.7	60.4	69.0	69.5		

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)								
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL		
Autos:								
Medium Trucks:								
Heavy Trucks:								
Vehicle Noise:								

CENTERLINE NOISE CONTOUR							
Unmitigated							
60 dBA	550						
65 dBA	255						
70 dBA	118						
Mitigated							
60 dBA							
65 dBA							
70 dBA							



	Federal Highwa Traffic Noise P	ay Adm redictio	inistration R on Model (C	D-77-108 ALVENO)					
Project Name: J	effrey/ICD Intersection Imp	provem	ents	Scenario:	Future Plu	s Project			
Analyst: E	Danielle Regimbal			Job #:	161832	•			
Roadway: J	effrey								
Road Segment: S	South of Irvine Center Drive	•							
PRC	DJECT DATA			S	SITE DATA				
Centerline Dist to Barrie	r: 0		Road Grade:		0				
Barrier (0=wall, 1= berm): 0		Average Dail	y Traffic:	53830				
Receiver Barrier Dist:	0		Peak Hour T	raffic:	5383				
Centerline Dist. To Obse	erver: 100		Vehicle Speed:		50				
Barrier Near Lane CL Di	st: 0		Centerline Se	eparation:	65				
Barrier Far lane CL Dist	0		NOISE INPUTS						
Pad Elevation:	0.5		Site conditior	ns:SOFT S	TE				
Road Elevation:	0			F	LEET MIX				
Observer Height (above	grade): 5.5		Туре	Day	Evening	Night	Daily		
Barrier Height:	0		Auto	0.775	0.129	0.096	0.9742		
Rt View: 90	Lft View:	-90	Med. Truck	0.848	0.049	0.103	0.0184		
NOISE SOURC	CE ELEVATIONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074		
Autos:	0								
Medium Trucks:	2.3								
Heavy Trucks:	8								

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)								
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL		
Autos:	57.9	66.7	64.9	58.8	67.5	68.1		
Medium Trucks:	65.6	57.5	51.1	49.6	58.1	58.3		
Heavy Trucks:	69.8	57.9	48.8	50.1	59.4	59.6		
Vehicle Noise:	72.1	67.8	65.2	59.9	68.5	69.0		

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)								
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL		
Autos:								
Medium Trucks:								
Heavy Trucks:								
Vehicle Noise:								

CENTERLINE NOISE CONTOUR							
Unmitigated							
60 dBA	515						
65 dBA	239						
70 dBA	111						
Mitigated							
60 dBA							
65 dBA							
70 dBA							



		Federal Highw Traffic Noise	/ay Adm Predictio	inistration R	(D-77-108 ALVENO)				
Project Name:	Jeffrey/ICE	D Intersection Im	provem	ents	Scenario:	Future Plu	s Project		
Analyst:	Danielle R	egimbal	•		Job #:	161832			
Roadway:	rvine Cen	ter Drive							
Road Segment:	East of Jef	frey Road							
PRO	DJECT DA	ATĂ			S	ITE DATA			
Centerline Dist to Barrie	er:	0		Road Grade:		0			
Barrier (0=wall, 1= berm	n):	0		Average Dail	y Traffic:	42320			
Receiver Barrier Dist:		0		Peak Hour T	raffic:	4232			
Centerline Dist. To Obs	erver:	100		Vehicle Speed:		50			
Barrier Near Lane CL D	ist:	0		Centerline Se	eparation:	68			
Barrier Far lane CL Dist	:	0		NOISE INPUTS					
Pad Elevation:		0.5		Site conditions: SOFT SITE					
Road Elevation:		0			F	LEET MIX			
Observer Height (above	grade):	5.5		Туре	Day	Evening	Night	Daily	
Barrier Height:		0		Auto	0.775	0.129	0.096	0.9742	
Rt View: 90		Lft View:	-90	Med. Truck	0.848	0.049	0.103	0.0184	
NOISE SOUR	CE ELEV/	ATIONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074	
Autos:		0				-			
Medium Trucks:		2.3							
Heavy Trucks:		8							

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)								
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL		
Autos:	56.8	65.6	63.8	57.7	66.4	67.0		
Medium Trucks:	64.5	56.4	50.0	48.5	57.0	57.2		
Heavy Trucks:	68.7	56.8	47.7	48.9	58.3	58.5		
Vehicle Noise:	71.0	66.7	64.1	58.8	67.4	67.9		

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)									
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL			
Autos:									
Medium Trucks:									
Heavy Trucks:									
Vehicle Noise:									

CENTERLINE NOISE CONTOUR							
Unmitigated							
60 dBA	439						
65 dBA	204						
70 dBA	94						
Mitigated							
60 dBA							
65 dBA							
70 dBA							



		Federal Highw Traffic Noise P	ay Adm Predicti	inistration R on Model (C/	(D-77-108 ALVENO)			
Project Name:	Jeffrey/ICE	D Intersection Im	provem	ents	Scenario:	Future Plu	s Project	
Analyst:	Danielle R	egimbal			Job #:	161832	·	
Roadway: I	rvine Cen	ter Drive						
Road Segment:	Nest of Je	effrey Road						
PRO	OJECT D/	ATA			S	SITE DATA		
Centerline Dist to Barrie	er:	0		Road Grade:		0		
Barrier (0=wall, 1= berm	n):	0		Average Dail	y Traffic:	45410		
Receiver Barrier Dist:		0		Peak Hour T	raffic:	4541		
Centerline Dist. To Obs	erver:	100		Vehicle Speed:		50		
Barrier Near Lane CL D	ist:	0		Centerline Se	eparation:	68		
Barrier Far lane CL Dist		0			NO	ISE INPUT	S	
Pad Elevation:		0.5		Site conditior	ns:SOFT S	ITE		
Road Elevation:		0			F	LEET MIX		
Observer Height (above	grade):	5.5		Туре	Day	Evening	Night	Daily
Barrier Height:		0		Auto	0.775	0.129	0.096	0.9742
Rt View: 90		Lft View:	-90	Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOUR	CE ELEV/	ATIONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074
Autos:		0						
Medium Trucks:		2.3						
Heavy Trucks:		8						

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)									
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL			
Autos:	57.1	65.9	64.1	58.0	66.7	67.3			
Medium Trucks:	64.8	56.7	50.4	48.8	57.3	57.5			
Heavy Trucks:	69.0	57.1	48.0	49.3	58.6	58.8			
Vehicle Noise:	71.3	67.0	64.4	59.1	67.7	68.2			

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)									
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL			
Autos:									
Medium Trucks:									
Heavy Trucks:									
Vehicle Noise:									

CENTERLINE NOISE CONTOUR							
Unmitigated							
60 dBA	459						
65 dBA	213						
70 dBA	99						
Mitigated							
60 dBA							
65 dBA							
70 dBA							



	Federal Highway A Traffic Noise Pred	\dn icti	ninistration R on Model (C	2D-77-108 ALVENO)			
Project Name:	Jeffrey/ICD Intersection Improv	em	ents	Scenario:	Future		
Analyst:	Danielle Regimbal			Job #:	161832		
Roadway:	Jeffrey						
Road Segment:	North of Irvine Center Drive						
PR	OJECT DATA			S	ITE DATA		
Centerline Dist to Barrie	er: 0		Road Grade:		0		
Barrier (0=wall, 1= berm	n): 0		Average Dail	y Traffic:	59500		
Receiver Barrier Dist:	0		Peak Hour T	raffic:	5950		
Centerline Dist. To Obs	erver: 100		Vehicle Speed:		50		
Barrier Near Lane CL D	ist: 0		Centerline Se	eparation:	53		
Barrier Far lane CL Dist	:: 0			NO	ISE INPUT	S	
Pad Elevation:	0.5		Site condition	ns: SOFT SI	TE		
Road Elevation:	0			F	LEET MIX		
Observer Height (above	e grade): 5.5		Туре	Day	Evening	Night	Daily
Barrier Height:	0		Auto	0.775	0.129	0.096	0.9742
Rt View: 90	Lft View:	-90	Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOUR	CE ELEVATIONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074
Autos:	0						
Medium Trucks:	2.3						
Heavy Trucks:	8						

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)									
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL			
Autos:	58.6	67.4	65.6	59.5	68.2	68.8			
Medium Trucks:	66.3	58.2	51.8	50.3	58.7	59.0			
Heavy Trucks:	70.5	58.6	49.5	50.7	60.1	60.3			
Vehicle Noise:	72.8	68.5	65.9	60.6	69.2	69.7			

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)								
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL		
Autos:								
Medium Trucks:								
Heavy Trucks:								
Vehicle Noise:								

CENTERLINE NOISE CONTOUR							
Unmitigated							
60 dBA	550						
65 dBA	255						
70 dBA	119						
Mitigated							
60 dBA							
65 dBA							
70 dBA							



	Federal Highway Traffic Noise Pre	Adm dicti	ninistration R on Model (C	2D-77-108 ALVENO)			
Project Name:	Jeffrey/ICD Intersection Impro	ovem	ents	Scenario:	Future		
Analyst:	Danielle Regimbal			Job #:	161832		
Roadway:	Jeffrey						
Road Segment:	South of Irvine Center Drive						
PR	OJECT DATA			S	ITE DATA		
Centerline Dist to Barrie	er: 0		Road Grade:		0		
Barrier (0=wall, 1= bern	ר): 0		Average Dail	y Traffic:	53830		
Receiver Barrier Dist:	0		Peak Hour T	raffic:	5383		
Centerline Dist. To Obs	erver: 100		Vehicle Spee	ed:	50		
Barrier Near Lane CL D	vist: 0		Centerline Se	eparation:	64		
Barrier Far lane CL Dist	:: O			NO	ISE INPUT	S	
Pad Elevation:	0.5		Site condition	ns: SOFT SI	TE		
Road Elevation:	0			F	LEET MIX		
Observer Height (above	e grade): 5.5		Туре	Day	Evening	Night	Daily
Barrier Height:	0		Auto	0.775	0.129	0.096	0.9742
Rt View: 90	Lft View:	-90	Med. Truck	0.848	0.049	0.103	0.0184
NOISE SOUR	CE ELEVATIONS (Feet)		Heavy Truck	0.865	0.027	0.108	0.0074
Autos:	0			-			
Medium Trucks:	2.3						
Heavy Trucks:	8						

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)									
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL			
Autos:	57.9	66.7	64.9	58.9	67.5	68.1			
Medium Trucks:	65.6	57.6	51.2	49.6	58.1	58.3			
Heavy Trucks:	69.8	57.9	48.9	50.1	59.5	59.6			
Vehicle Noise:	72.2	67.8	65.2	59.9	68.5	69.1			

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)								
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL		
Autos:								
Medium Trucks:								
Heavy Trucks:								
Vehicle Noise:								

CENTERLINE NOISE CONTOUR							
Unmitigated							
60 dBA	515						
65 dBA	239						
70 dBA	111						
Mitigated							
60 dBA							
65 dBA							
70 dBA							



	Federal Hi Traffic No	ighway Adm ise Predictio	inistration R	(D-77-108 ALVENO)				
Project Name:	Jeffrey/ICD Intersectio	on Improvem	ents	Scenario:	Future			
Analyst:	Danielle Regimbal			Job #:	161832			
Roadway:	rvine Center Drive	enter Drive						
Road Segment:	East of Jeffrey Road							
PR	OJECT DATA			S	ITE DATA			
Centerline Dist to Barrie	er: 0		Road Grade:		0			
Barrier (0=wall, 1= bern	n): 0		Average Dail	y Traffic:	42320			
Receiver Barrier Dist:	eceiver Barrier Dist: 0		Peak Hour Traffic:		4232			
Centerline Dist. To Observer: 100			Vehicle Speed:		50			
Barrier Near Lane CL D	ist: 0		Centerline Se	eparation:	63			
Barrier Far lane CL Dist			NOISE INPUTS					
Pad Elevation:	0.5		Site conditions: SOFT SITE					
Road Elevation:	0			F	LEET MIX			
Observer Height (above	e grade): 5.5		Туре	Day	Evening	Night	Daily	
Barrier Height:	0		Auto	0.775	0.129	0.096	0.9742	
Rt View: 90	Lft View:	-90	Med. Truck	0.848	0.049	0.103	0.0184	
NOISE SOUR	CE ELEVATIONS (Fe	eet)	Heavy Truck	0.865	0.027	0.108	0.0074	
Autos:	0							
Medium Trucks:	2.3							
Heavy Trucks:	8							

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)							
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL	
Autos:	56.9	65.7	63.9	57.8	66.5	67.1	
Medium Trucks:	64.6	56.5	50.1	48.6	57.1	57.3	
Heavy Trucks:	68.8	56.9	47.8	49.0	58.4	58.6	
Vehicle Noise:	71.1	66.8	64.2	58.9	67.5	68.0	

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)						
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL
Autos:						
Medium Trucks:						
Heavy Trucks:						
Vehicle Noise:						

CENTERLINE NOISE CONTOUR						
Unmitigated						
60 dBA	438					
65 dBA	203					
70 dBA	94					
Mitigated						
60 dBA						
65 dBA						
70 dBA						



Federal Highway Administration RD-77-108 Traffic Noise Prediction Model (CALVENO)								
Project Name:	leffrey/ICD Intersed	ction Improvem	ents	Scenario:	Future			
Analyst:	Danielle Regimbal			Job #:	161832			
Roadway: I	rvine Center Drive							
Road Segment: V	Vest of Jeffrey Roa	ad						
PRO	DJECT DATA			S	ITE DATA			
Centerline Dist to Barrie	r:	0	Road Grade:		0			
Barrier (0=wall, 1= berm):	0	Average Dail	ly Traffic:	45410			
Receiver Barrier Dist:	eiver Barrier Dist: 0		Peak Hour Traffic:		4541			
Centerline Dist. To Obse	erver: 10	0	Vehicle Speed:		50			
Barrier Near Lane CL D	Barrier Near Lane CL Dist: 0		Centerline Separation:		63			
Barrier Far Iane CL Dist	Barrier Far lane CL Dist: 0		NOISE INPUTS					
Pad Elevation:	0.	5	Site conditions: SOFT SITE					
Road Elevation:		0	FLEET MIX					
Observer Height (above	grade): 5.	5	Туре	Day	Evening	Night	Daily	
Barrier Height:		0	Auto	0.775	0.129	0.096	0.9742	
Rt View: 90	Lft View:	-90	Med. Truck	0.848	0.049	0.103	0.0184	
NOISE SOUR	CE ELEVATIONS ((Feet)	Heavy Truck	0.865	0.027	0.108	0.0074	
Autos:		0						
Medium Trucks:	2.	3						
Heavy Trucks:		8						

UNMITIGATED NOISE LEVELS (No topographic or barrier attenuation)							
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL	
Autos:	57.2	66.0	64.2	58.1	66.8	67.4	
Medium Trucks:	64.9	56.8	50.4	48.9	57.4	57.6	
Heavy Trucks:	69.1	57.2	48.1	49.4	58.7	58.9	
Vehicle Noise:	71.4	67.1	64.5	59.2	67.8	68.3	

MITIGATED NOISE LEVELS (With topographic or barrier attenuation)							
Vehicle Type	Peak Leq	Leq Day	Leq Evening	Leq Night	Ldn	CNEL	
Autos:							
Medium Trucks:							
Heavy Trucks:							
Vehicle Noise:							

CENTERLINE NOISE CONTOUR						
Unmitigated						
60 dBA	459					
65 dBA	213					
70 dBA	99					
Mitigated						
60 dBA						
65 dBA						
70 dBA						

