

NOISE DATA SHEETS

FHWA TNM 2.5 - [Sound Levels : Cal1:2]

File Edit View Setup Input Calculate Barrier Analysis Parallel Barriers Contours Tables Window Help

SWCA
Karl Mikel

14 November 2010
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT: SR-1 Grand Ave. Intersection

RUN: Calibration Site #1

BARRIER DESIGN: INPUT HEIGHTS

ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver		No.	#DUs	No Barrier			Increase over existing			Type Impact	With Barrier		
Name				Existing LAeq1h	Calculated	Crit'n	Calculated	Crit'n Sub'l Inc	Calculated LAeq1h		Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB	
Site #1		7	1	67.7	69.6	66	1.9	12	Snd Lvl	69.6	0.0	0	0
Dwelling Units		# DUs	Noise Reduction										
			Min dB	Avg dB	Max dB								
All Selected		1	0.0	0.0	0.0								
All Impacted		1	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

Objects Shown: X: 3319.9 Y: 1945.1 ft

start | A - Microsoft W... | http://www.sniu... | Adobe Reader - ... | FHWA TNM 2.5 ... | 8:23 AM

FHWA TNM 2.5 - [Sound Levels : Cal2:2]

File Edit View Setup Input Calculate Barrier Analysis Parallel Barriers Contours Tables Window Help

SWCA
Karl Mikel

14 November 2010
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT: LeSage SR-1 Intersection

RUN: Calibration Site #2

BARRIER DESIGN: INPUT HEIGHTS

ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver		No.	#DUs	No Barrier			Increase over existing			Type Impact	With Barrier		
Name				Existing LAeq1h	Calculated	Crit'n	Calculated	Crit'n Sub'l Inc	Calculated LAeq1h		Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB	
Site #2		8	1	65.0	66.6	66	1.6	12	Snd Lvl	66.6	0.0	0	0
Dwelling Units		# DUs	Noise Reduction										
			Min dB	Avg dB	Max dB								
All Selected		1	0.0	0.0	0.0								
All Impacted		1	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

Objects Shown: X: 3808.2 Y: 1995.6 ft

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FHWA TNM 2.5 - [Sound Levels : Cal3:2]

File Edit View Setup Input Calculate Barrier Analysis Parallel Barriers Contours Tables Window Help

SWCA
Karl Mikel

14 November 2010
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT: Grand Ave / 4th Street Intersection

RUN: Calibration Site #3

BARRIER DESIGN: INPUT HEIGHTS

ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	No Barrier			Increase over existing			Type Impact	With Barrier			Calculated minus Goal
			Existing LAeq1h	LAeq1h Calculated	Crit'n	Calculated	Crit'n Sub'l Inc	Calculated LAeq1h		Noise Reduction Calculated	Goal		
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB	
Cal3	5	1	69.9	71.5	66	1.6	12	Snd Lvl	71.5	0.0	0		
Dwelling Units		# DUs	Noise Reduction										
			Min dB	Avg dB	Max dB								
All Selected		1	0.0	0.0	0.0								
All Impacted		1	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

Objects Shown: X: -1058.1 Y: 1995.6 ft

start | A - Microsoft W... | http://www.sriu... | Adobe Reader - ... | FHWA TNM 2.5 ... | 8:28 AM

FHWA TNM 2.5 - [Sound Levels : Cal4:2]

File Edit View Setup Input Calculate Barrier Analysis Parallel Barriers Contours Tables Window Help

SWCA
Karl Mikel

14 November 2010
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT: SR-1 South of Project Site

RUN: Calibration Site #4

BARRIER DESIGN: INPUT HEIGHTS

ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	No Barrier			Increase over existing			Type Impact	With Barrier			Calculated minus Goal
			Existing LAeq1h	LAeq1h Calculated	Crit'n	Calculated	Crit'n Sub'l Inc	Calculated LAeq1h		Noise Reduction Calculated	Goal		
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB	
Cal4	2	1	68.0	67.2	66	-0.8	12	Snd Lvl	67.2	0.0	0		
Dwelling Units		# DUs	Noise Reduction										
			Min dB	Avg dB	Max dB								
All Selected		1	0.0	0.0	0.0								
All Impacted		1	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

Objects Shown: X: 1989.7 Y: 1995.6 ft

start | A - Microsoft W... | http://www.sriu... | Adobe Reader - ... | FHWA TNM 2.5 ... | 8:30 AM

FHWA TNM 2.5 - [Sound Levels : Future No Project:2]

File Edit View Setup Input Calculate Barrier Analysis Parallel Barriers Contours Tables Window Help

KM TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT: Grover Beach Lodge EIR

RUN: Existing Condition

BARRIER DESIGN: INPUT HEIGHTS Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

ATMOSPHERICS: 68 deg F, 50% RH

Receiver Name	No.	#DUs	Existing			No Barrier			Type Impact	With Barrier			
			LAEq1h	Calculated	Crit'n	LAEq1h	Calculated	Crit'n		Increase over existing	Calculated LAeq1h	Noise Reduction	Goal
			dB	dB	dB	dB	dB	dB		dB	dB	dB	dB
GB Lodge	1	1	0.0	51.8	66	51.8	10	—	51.8	0.0	8		
Mobile Home Park/ LeSage	3	1	0.0	61.4	66	61.4	10	—	61.4	0.0	8		
4th and Grand	5	1	0.0	69.0	66	69.0	10	Snd Lvl	69.0	0.0	8		
Residential on SR-1	8	1	0.0	62.6	66	62.6	10	—	62.6	0.0	8		

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	4	0.0	0.0	0.0
All Impacted	1	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

Objects Shown: X: -328.1 Y: 1120.5 ft

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FHWA TNM 2.5 - [Sound Levels : Future No Project:3]

File Edit View Setup Input Calculate Barrier Analysis Parallel Barriers Contours Tables Window Help

SWCA 14 November 2010

KM TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT: Grover Beach Lodge EIR

RUN: Existing Plus Project Condition

BARRIER DESIGN: INPUT HEIGHTS Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

ATMOSPHERICS: 68 deg F, 50% RH

Receiver Name	No.	#DUs	Existing			No Barrier			Type Impact	With Barrier			
			LAEq1h	Calculated	Crit'n	LAEq1h	Calculated	Crit'n		Increase over existing	Calculated LAeq1h	Noise Reduction	Goal
			dB	dB	dB	dB	dB	dB		dB	dB	dB	dB
GB Lodge	1	1	0.0	52.6	66	52.6	10	—	52.6	0.0	8		
Mobile Home Park/ LeSage	3	1	0.0	62.3	66	62.3	10	—	62.3	0.0	8		
4th and Grand	5	1	0.0	69.4	66	69.4	10	Snd Lvl	69.4	0.0	8		
Residential on SR-1	8	1	0.0	63.5	66	63.5	10	—	63.5	0.0	8		

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	4	0.0	0.0	0.0

Objects Shown: X: -111.8 Y: 1125.5 ft

start | A - Microsoft W... | http://www.siri... | Adobe Reader - ... | FHWA TNM 2.5 ... | 9:37 AM