

RESULTS: SOUND LEVELS

Analiza halasu droga 1240W stan lstrn.

Strodowisko SC		26 September 2008		26 September 2008								
AG		TNM 2.5		Calculated with TNM 2.5								
RESULTS: SOUND LEVELS		Analiza halasu droga 1240W stan lstrn.		Calculated with TNM 2.5								
PROJECT/CONTRACT:		PZD Ciechanow		Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.								
RUN:		INPUT HEIGHTS		Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.								
BARRIER DESIGN:		20 deg C, 50% RH		Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.								
ATMOSPHERICS:		20 deg C, 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		20 deg C, 50% RH		Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.								
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier LAeq1h Calculated	Noise Reduction Calculated	Goal	Calculated minus Goal
Receiver1	1	1	0.0	64.5	66	64.5	10	-----	64.5	0.0	8	-8.0
Receiver3	3	1	0.0	60.0	66	60.0	10	-----	60.0	0.0	8	-8.0
Receiver5	5	1	0.0	56.9	66	56.9	10	-----	56.9	0.0	8	-8.0
Receiver6	6	1	0.0	54.2	66	54.2	10	-----	54.2	0.0	8	-8.0
Receiver7	7	1	0.0	52.2	66	52.2	10	-----	52.2	0.0	8	-8.0
Receiver8	8	1	0.0	50.8	66	50.8	10	-----	50.8	0.0	8	-8.0
Receiver9	9	1	0.0	49.6	66	49.6	10	-----	49.6	0.0	8	-8.0
Receiver10	10	1	0.0	48.7	66	48.7	10	-----	48.7	0.0	8	-8.0
Receiver11	11	1	0.0	47.8	66	47.8	10	-----	47.8	0.0	8	-8.0
Receiver12	12	1	0.0	47.1	66	47.1	10	-----	47.1	0.0	8	-8.0
Receiver13	13	1	0.0	46.4	66	46.4	10	-----	46.4	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		11	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							

RESULTS: SOUND LEVELS

Analiza halasu droga 1207W stan 1stn.

Srodowisko SC		AG		RESULTS: SOUND LEVELS		PROJECT/CONTRACT:		RUN:		BARRIER DESIGN:		ATMOSPHERICS:		Receiver	
						Analiza halasu droga 1207W stan 1stn.		PZD Ciechanow		INPUT HEIGHTS		20 deg C, 50% RH		Receiver	
26 September 2008		TNM 2.5		Calculated with TNM 2.5						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h	Crit'n	Increase over existing	Type	With Barrier	Noise Reduction	Goal	Calculated	Goal	Calculated		
			dB	dB		dB	Impact	LAeq1h	dB	dB	dB	dB	minus Goal		
			dB	dB		dB	Sub'l Inc	dB	dB	dB	dB	dB	Goal		
Receiver1	1	1	0.0	62.1	66	62.1	10	62.1	0.0	8	62.1	8	-8.0		
Receiver3	3	1	0.0	57.7	66	57.7	10	57.7	0.0	8	57.7	8	-8.0		
Receiver5	5	1	0.0	54.5	66	54.5	10	54.5	0.0	8	54.5	8	-8.0		
Receiver6	6	1	0.0	51.6	66	51.6	10	51.6	0.0	8	51.6	8	-8.0		
Receiver7	7	1	0.0	49.5	66	49.5	10	49.5	0.0	8	49.5	8	-8.0		
Receiver8	8	1	0.0	48.0	66	48.0	10	48.0	0.0	8	48.0	8	-8.0		
Receiver9	9	1	0.0	46.7	66	46.7	10	46.7	0.0	8	46.7	8	-8.0		
Receiver10	10	1	0.0	45.6	66	45.6	10	45.6	0.0	8	45.6	8	-8.0		
Receiver11	11	1	0.0	44.7	66	44.7	10	44.7	0.0	8	44.7	8	-8.0		
Receiver12	12	1	0.0	43.8	66	43.8	10	43.8	0.0	8	43.8	8	-8.0		
Receiver13	13	1	0.0	43.1	66	43.1	10	43.1	0.0	8	43.1	8	-8.0		
Dwelling Units			# DUs			Noise Reduction									
			Min	Avg	Max										
			dB	dB	dB										
All Selected		11	0.0	0.0	0.0										
All Impacted		0	0.0	0.0	0.0										
All that meet NR Goal		0	0.0	0.0	0.0										

RESULTS: SOUND LEVELS

Analiza halasu droga 1228W stan istn.

Srodowisko SC								26 September 2008				
AG								TNM 2.5				
RESULTS: SOUND LEVELS								Calculated with TNM 2.5				
PROJECT/CONTRACT:												
RUN:												
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:		20 deg C, 50% RH										
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier LAeq1h Calculated	Noise Reduction Calculated	Goal	Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB
Receiver1	1	1	0.0	60.4	66	60.4	10	----	60.4	0.0	8	-8.0
Receiver3	3	1	0.0	56.0	66	56.0	10	----	56.0	0.0	8	-8.0
Receiver5	5	1	0.0	52.8	66	52.8	10	----	52.8	0.0	8	-8.0
Receiver6	6	1	0.0	50.0	66	50.0	10	----	50.0	0.0	8	-8.0
Receiver7	7	1	0.0	47.9	66	47.9	10	----	47.9	0.0	8	-8.0
Receiver8	8	1	0.0	46.5	66	46.5	10	----	46.5	0.0	8	-8.0
Receiver9	9	1	0.0	45.2	66	45.2	10	----	45.2	0.0	8	-8.0
Receiver10	10	1	0.0	44.2	66	44.2	10	----	44.2	0.0	8	-8.0
Receiver11	11	1	0.0	43.3	66	43.3	10	----	43.3	0.0	8	-8.0
Receiver12	12	1	0.0	42.5	66	42.5	10	----	42.5	0.0	8	-8.0
Receiver13	13	1	0.0	41.8	66	41.8	10	----	41.8	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		11	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							

RESULTS: SOUND LEVELS

Analiza halasu droga 1233W stan 1stn.

Strodowisko SC		26 September 2008		TNM 2.5		Calculated with TNM 2.5							
AG													
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT: Analiza halasu droga 1233W stan 1stn.													
RUN: PZD Ciechanow													
BARRIER DESIGN: INPUT HEIGHTS													
ATMOSPHERICS: 20 deg C, 50% RH													
Receiver													
Name	No.	#DUs	Existing LAeqth	No Barrier LAeqth	Crit'n	Increase over existing Calculated	Crit'n	Type	Impact	With Barrier Calculated	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBa	dBa	dBa	dB	dB			dBa	dB	dB	dB
Receiver1	1	1	0.0	64.4	66	64.4	10	----		64.4	0.0	8	-8.0
Receiver3	3	1	0.0	59.9	66	59.9	10	----		59.9	0.0	8	-8.0
Receiver5	5	1	0.0	56.7	66	56.7	10	----		56.7	0.0	8	-8.0
Receiver6	6	1	0.0	53.9	66	53.9	10	----		53.9	0.0	8	-8.0
Receiver7	7	1	0.0	51.9	66	51.9	10	----		51.9	0.0	8	-8.0
Receiver8	8	1	0.0	50.3	66	50.3	10	----		50.3	0.0	8	-8.0
Receiver9	9	1	0.0	49.1	66	49.1	10	----		49.1	0.0	8	-8.0
Receiver10	10	1	0.0	48.0	66	48.0	10	----		48.0	0.0	8	-8.0
Receiver11	11	1	0.0	47.1	66	47.1	10	----		47.1	0.0	8	-8.0
Receiver12	12	1	0.0	46.3	66	46.3	10	----		46.3	0.0	8	-8.0
Receiver13	13	1	0.0	45.6	66	45.6	10	----		45.6	0.0	8	-8.0
Dwelling Units			# DUs Noise Reduction										
			Min	Avg	Max								
			dB	dB	dB								
All Selected		11	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		0	0.0	0.0	0.0								

RESULTS: SOUND LEVELS

Analiza halasu droga 1216W stan 1stn.

Srodowisko SC		26 September 2008		TNM 2.5		Calculated with TNM 2.5						
AG												
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:		Analiza halasu droga 1216W stan 1stn.										
RUN:		PZD Ciechanow										
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:		20 deg C, 50% RH										
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier LAeq1h Calculated	Noise Reduction Calculated	Goal	Calculated minus Goal
Receiver1	1	1	0.0	62.0	66	62.0	10	----	62.0	0.0	8	-8.0
Receiver3	3	1	0.0	57.5	66	57.5	10	----	57.5	0.0	8	-8.0
Receiver5	5	1	0.0	54.3	66	54.3	10	----	54.3	0.0	8	-8.0
Receiver6	6	1	0.0	51.5	66	51.5	10	----	51.5	0.0	8	-8.0
Receiver7	7	1	0.0	49.4	66	49.4	10	----	49.4	0.0	8	-8.0
Receiver8	8	1	0.0	47.9	66	47.9	10	----	47.9	0.0	8	-8.0
Receiver9	9	1	0.0	46.6	66	46.6	10	----	46.6	0.0	8	-8.0
Receiver10	10	1	0.0	45.6	66	45.6	10	----	45.6	0.0	8	-8.0
Receiver11	11	1	0.0	44.6	66	44.6	10	----	44.6	0.0	8	-8.0
Receiver12	12	1	0.0	43.8	66	43.8	10	----	43.8	0.0	8	-8.0
Receiver13	13	1	0.0	43.1	66	43.1	10	----	43.1	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min dB	Avg dB	Max dB							
All Selected		11	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							

RESULTS: SOUND LEVELS

Analiza halasu droga 1232W stan istn.

Srodowisko SC		AG		RESULTS: SOUND LEVELS		PROJECT/CONTRACT:		RUN:		BARRIER DESIGN:		ATMOSPHERICS:		Receiver	
						Analiza halasu droga 1232W stan istn.		PZD Ciechanow		INPUT HEIGHTS		20 deg C, 50% RH			
						Calculated with TNM 2.5				Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier LAeq1h Calculated	Noise Reduction Calculated	Goal	Calculated minus Goal	Goal	Calculated	
			DBA	DBA	DBA	dB	dB		DBA	dB	dB	dB	dB	dB	
Receiver1	1	1	0.0	57.4	66	57.4	10	----	57.4	0.0	8	-8.0			
Receiver3	3	1	0.0	53.0	66	53.0	10	----	53.0	0.0	8	-8.0			
Receiver5	5	1	0.0	49.7	66	49.7	10	----	49.7	0.0	8	-8.0			
Receiver6	6	1	0.0	46.9	66	46.9	10	----	46.9	0.0	8	-8.0			
Receiver7	7	1	0.0	44.7	66	44.7	10	----	44.7	0.0	8	-8.0			
Receiver8	8	1	0.0	43.1	66	43.1	10	----	43.1	0.0	8	-8.0			
Receiver9	9	1	0.0	41.7	66	41.7	10	----	41.7	0.0	8	-8.0			
Receiver10	10	1	0.0	40.5	66	40.5	10	----	40.5	0.0	8	-8.0			
Receiver11	11	1	0.0	39.5	66	39.5	10	----	39.5	0.0	8	-8.0			
Receiver12	12	1	0.0	38.6	66	38.6	10	----	38.6	0.0	8	-8.0			
Receiver13	13	1	0.0	37.8	66	37.8	10	----	37.8	0.0	8	-8.0			
Dwelling Units			# DUs			Noise Reduction			With Barrier			Calculated			
			Min	Avg	Max										
			dB	dB	dB										
All Selected		11	0.0	0.0	0.0										
All Impacted		0	0.0	0.0	0.0										
All that meet NFR Goal		0	0.0	0.0	0.0										

RESULTS: SOUND LEVELS

Analiza halasu droga 1242W stan istn.

Srodowisko SC										26 September 2008			
AG										TNM 2.5			
RESULTS: SOUND LEVELS										Calculated with TNM 2.6			
PROJECT/CONTRACT:		Analiza halasu droga 1242W stan istn.											
RUN:		PZD Ciechanow											
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:		20 deg C, 50% RH											
Receiver													
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier LAeq1h Calculated	Noise Reduction Calculated	Goal	Calculated minus Goal	Calculated Goal
			dBa	dBa	dB	dB	dB		dBa	dB	dB	dB	dB
Receiver1	1	1	0.0	63.3	66	63.3	10	----	63.3	0.0	8	-8.0	8
Receiver3	3	1	0.0	58.8	66	58.8	10	----	58.8	0.0	8	-8.0	8
Receiver5	5	1	0.0	55.6	66	55.6	10	----	55.6	0.0	8	-8.0	8
Receiver6	6	1	0.0	52.9	66	52.9	10	----	52.9	0.0	8	-8.0	8
Receiver7	7	1	0.0	51.0	66	51.0	10	----	51.0	0.0	8	-8.0	8
Receiver8	8	1	0.0	49.6	66	49.6	10	----	49.6	0.0	8	-8.0	8
Receiver9	9	1	0.0	48.4	66	48.4	10	----	48.4	0.0	8	-8.0	8
Receiver10	10	1	0.0	47.4	66	47.4	10	----	47.4	0.0	8	-8.0	8
Receiver11	11	1	0.0	46.5	66	46.5	10	----	46.5	0.0	8	-8.0	8
Receiver12	12	1	0.0	45.8	66	45.8	10	----	45.8	0.0	8	-8.0	8
Receiver13	13	1	0.0	45.1	66	45.1	10	----	45.1	0.0	8	-8.0	8
Dwelling Units		# DUs	Noise Reduction										
			Min dB	Avg dB	Max dB								
All Selected		11	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		0	0.0	0.0	0.0								

RESULTS: SOUND LEVELS

Analiza halasu droga 1240W prognoza

Stodowisko SC		26 September 2008		TNM 2.6		Calculated with TNM 2.6						
AG												
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:		Analiza halasu droga 1240W prognoza										
RUN:		PZD Ciechanow										
BARRIER DESIGN:		INPUT HEIGHTS										
ATMOSPHERICS:		20 deg C, 50% RH										
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier LAeq1h Calculated	Noise Reduction Calculated	Goal	Calculated minus Goal
Receiver1	1	1	0.0	66.5	66	66.5	10	Snd Lvl	66.5	0.0	8	-8.0
Receiver3	3	1	0.0	62.0	66	62.0	10	---	62.0	0.0	8	-8.0
Receiver5	5	1	0.0	58.9	66	58.9	10	---	58.9	0.0	8	-8.0
Receiver6	6	1	0.0	56.2	66	56.2	10	---	56.2	0.0	8	-8.0
Receiver7	7	1	0.0	54.2	66	54.2	10	---	54.2	0.0	8	-8.0
Receiver8	8	1	0.0	52.7	66	52.7	10	---	52.7	0.0	8	-8.0
Receiver9	9	1	0.0	51.6	66	51.6	10	---	51.6	0.0	8	-8.0
Receiver10	10	1	0.0	50.6	66	50.6	10	---	50.6	0.0	8	-8.0
Receiver11	11	1	0.0	49.7	66	49.7	10	---	49.7	0.0	8	-8.0
Receiver12	12	1	0.0	49.0	66	49.0	10	---	49.0	0.0	8	-8.0
Receiver13	13	1	0.0	48.3	66	48.3	10	---	48.3	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min dB	Avg dB	Max dB							
All Selected		11	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							

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

RESULTS: SOUND LEVELS

Analiza halasu droga 1242W prognoza

Strodowisko SC		AG		RESULTS: SOUND LEVELS		PROJECT/CONTRACT:		RUN:		BARRIER DESIGN:		ATMOSPHERICS:		Receiver	
						Analiza halasu droga 1242W prognoza		PZD Ciechanow		INPUT HEIGHTS		20 deg C, 50% RH			
						26 September 2008		TNM 2.5				Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.			
				Calculated with TNM 2.5											
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal			
Receiver1	1	1	0.0	65.4	66	65.4	10	----	65.4	0.0	8	-8.0			
Receiver3	3	1	0.0	60.9	66	60.9	10	----	60.9	0.0	8	-8.0			
Receiver5	5	1	0.0	57.7	66	57.7	10	----	57.7	0.0	8	-8.0			
Receiver6	6	1	0.0	55.0	66	55.0	10	----	55.0	0.0	8	-8.0			
Receiver7	7	1	0.0	53.1	66	53.1	10	----	53.1	0.0	8	-8.0			
Receiver8	8	1	0.0	51.6	66	51.6	10	----	51.6	0.0	8	-8.0			
Receiver9	9	1	0.0	50.5	66	50.5	10	----	50.5	0.0	8	-8.0			
Receiver10	10	1	0.0	49.5	66	49.5	10	----	49.5	0.0	8	-8.0			
Receiver11	11	1	0.0	48.6	66	48.6	10	----	48.6	0.0	8	-8.0			
Receiver12	12	1	0.0	47.9	66	47.9	10	----	47.9	0.0	8	-8.0			
Receiver13	13	1	0.0	47.2	66	47.2	10	----	47.2	0.0	8	-8.0			
Dwelling Units			# DUs Noise Reduction												
			Min	Avg	Max										
			dB	dB	dB										
All Selected			11	0.0	0.0										
All Impacted			0	0.0	0.0										
All that meet NR Goal			0	0.0	0.0										

RESULTS: SOUND LEVELS

Analiza halasu droga 1232W prognoza

Strodowisko SC										26 September 2008				
AG										TNM 2.5				
RESULTS: SOUND LEVELS										Calculated with TNM 2.5				
PROJECT/CONTRACT:														
RUN:														
PROJECT/CONTRACT:		Analiza halasu droga 1232W prognoza												
RUN:		PZD Ciechanow												
BARRIER DESIGN:		INPUT HEIGHTS												
ATMOSPHERICS:		20 deg C, 50% RH												
Receiver														
Name	No.	#DUs	Existing	No Barrier	Crit'n	Increase over existing	Type	With Barrier	Noise Reduction	Goal	Calculated	Goal	Calculated	
			LAeq1h	LAeq1h		Calculated	Impact	LAeq1h	Calculated	Goal	Calculated <td>Goal <td>Calculated </td></td>	Goal <td>Calculated </td>	Calculated	
			dB	dB		Sub'l Inc		dB	dB	dB	dB	dB	minus	
			dB	dB				dB	dB	dB	dB	Goal	Goal	
Receiver1	1	1	0.0	61.6	66	61.6	10	61.6	0.0	8	61.6	8	-8.0	
Receiver3	3	1	0.0	57.1	66	57.1	10	57.1	0.0	8	57.1	8	-8.0	
Receiver5	5	1	0.0	53.9	66	53.9	10	53.9	0.0	8	53.9	8	-8.0	
Receiver6	6	1	0.0	51.1	66	51.1	10	51.1	0.0	8	51.1	8	-8.0	
Receiver7	7	1	0.0	49.1	66	49.1	10	49.1	0.0	8	49.1	8	-8.0	
Receiver8	8	1	0.0	47.5	66	47.5	10	47.5	0.0	8	47.5	8	-8.0	
Receiver9	9	1	0.0	46.3	66	46.3	10	46.3	0.0	8	46.3	8	-8.0	
Receiver10	10	1	0.0	45.2	66	45.2	10	45.2	0.0	8	45.2	8	-8.0	
Receiver11	11	1	0.0	44.3	66	44.3	10	44.3	0.0	8	44.3	8	-8.0	
Receiver12	12	1	0.0	43.4	66	43.4	10	43.4	0.0	8	43.4	8	-8.0	
Receiver13	13	1	0.0	42.7	66	42.7	10	42.7	0.0	8	42.7	8	-8.0	
Dwelling Units			# DUs			Noise Reduction								
			Min	Avg	Max									
			dB	dB	dB									
All Selected		11	0.0	0.0	0.0									
All Impacted		0	0.0	0.0	0.0									
All that meet NR Goal		0	0.0	0.0	0.0									

RESULTS: SOUND LEVELS

Analiza halasu droga 1215W prognoza

Srodowisko SC		26 September 2008		TNM 2.5		Calculated with TNM 2.5						
AG												
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT: Analiza halasu droga 1215W prognoza												
RUN: PZD Ciechanow												
BARRIER DESIGN: INPUT HEIGHTS												
ATMOSPHERICS: 20 deg C, 50% RH												
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier LAeq1h Calculated	Noise Reduction Calculated	Goal	Calculated minus Goal
Receiver1	1	1	0.0	64.3	66	64.3	10	-----	64.3	0.0	8	-8.0
Receiver3	3	1	0.0	59.8	66	59.8	10	-----	59.8	0.0	8	-8.0
Receiver5	5	1	0.0	56.6	66	56.6	10	-----	56.6	0.0	8	-8.0
Receiver6	6	1	0.0	53.8	66	53.8	10	-----	53.8	0.0	8	-8.0
Receiver7	7	1	0.0	51.7	66	51.7	10	-----	51.7	0.0	8	-8.0
Receiver8	8	1	0.0	50.2	66	50.2	10	-----	50.2	0.0	8	-8.0
Receiver9	9	1	0.0	48.9	66	48.9	10	-----	48.9	0.0	8	-8.0
Receiver10	10	1	0.0	47.9	66	47.9	10	-----	47.9	0.0	8	-8.0
Receiver11	11	1	0.0	46.9	66	46.9	10	-----	46.9	0.0	8	-8.0
Receiver12	12	1	0.0	46.1	66	46.1	10	-----	46.1	0.0	8	-8.0
Receiver13	13	1	0.0	45.4	66	45.4	10	-----	45.4	0.0	8	-8.0
Dwelling Units			# DUs Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		11	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							

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

RESULTS: SOUND LEVELS

Analiza halasu droga 1233W prognoza

Strodowisko SC		AG		RESULTS: SOUND LEVELS		PROJECT/CONTRACT:		RUN:		BARRIER DESIGN:		ATMOSPHERICS:		Receiver	
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier LAeq1h Calculated	Noise Reduction Calculated	Goal	Calculated minus Goal			
20 deg C, 50% RH															
Receiver1	1	1	0.0	66.4	66	66.4	10	Snd Lvl	66.4	0.0	8	-8.0			
Receiver3	3	1	0.0	62.0	66	62.0	10	----	62.0	0.0	8	-8.0			
Receiver5	5	1	0.0	58.8	66	58.8	10	----	58.8	0.0	8	-8.0			
Receiver6	6	1	0.0	56.0	66	56.0	10	----	56.0	0.0	8	-8.0			
Receiver7	7	1	0.0	53.9	66	53.9	10	----	53.9	0.0	8	-8.0			
Receiver8	8	1	0.0	52.3	66	52.3	10	----	52.3	0.0	8	-8.0			
Receiver9	9	1	0.0	51.1	66	51.1	10	----	51.1	0.0	8	-8.0			
Receiver10	10	1	0.0	50.0	66	50.0	10	----	50.0	0.0	8	-8.0			
Receiver11	11	1	0.0	49.1	66	49.1	10	----	49.1	0.0	8	-8.0			
Receiver12	12	1	0.0	48.2	66	48.2	10	----	48.2	0.0	8	-8.0			
Receiver13	13	1	0.0	47.5	66	47.5	10	----	47.5	0.0	8	-8.0			
Dwelling Units		# DUs	Noise Reduction												
			Min dB	Avg dB	Max dB										
All Selected		11	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										

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

RESULTS: SOUND LEVELS

Analiza halasu droga 1228W prognoza

Strodowisko SC															
AG															
RESULTS: SOUND LEVELS															
PROJECT/CONTRACT:															
RUN:															
BARRIER DESIGN:															
ATMOSPHERICS:															
20 deg C, 50% RH															
Receiver															
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier LAeq1h Calculated	Noise Reduction Calculated	Goal	Calculated minus Goal	Calculated Goal	Calculated minus Goal	
Receiver1	1	1	0.0	62.7	66	62.7	10	----	62.7	0.0	8	-8.0			
Receiver3	3	1	0.0	58.2	66	58.2	10	----	58.2	0.0	8	-8.0			
Receiver5	5	1	0.0	55.0	66	55.0	10	----	55.0	0.0	8	-8.0			
Receiver6	6	1	0.0	52.2	66	52.2	10	----	52.2	0.0	8	-8.0			
Receiver7	7	1	0.0	50.2	66	50.2	10	----	50.2	0.0	8	-8.0			
Receiver8	8	1	0.0	48.7	66	48.7	10	----	48.7	0.0	8	-8.0			
Receiver9	9	1	0.0	47.5	66	47.5	10	----	47.5	0.0	8	-8.0			
Receiver10	10	1	0.0	46.5	66	46.5	10	----	46.5	0.0	8	-8.0			
Receiver11	11	1	0.0	45.6	66	45.6	10	----	45.6	0.0	8	-8.0			
Receiver12	12	1	0.0	44.9	66	44.9	10	----	44.9	0.0	8	-8.0			
Receiver13	13	1	0.0	44.2	66	44.2	10	----	44.2	0.0	8	-8.0			
Dwelling Units															
		# DUs	Noise Reduction												
			Min	Avg	Max										
			dB	dB	dB										
All Selected		11	0.0	0.0	0.0										
All Impacted		0	0.0	0.0	0.0										
All that meet NR Goal		0	0.0	0.0	0.0										

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

RESULTS: SOUND LEVELS

Analiza halasu droga 1207W prognoza

Srodowisko SC																			
AG																			
RESULTS: SOUND LEVELS																			
PROJECT/CONTRACT:		Analiza halasu droga 1207W prognoza						Calculated with TNM 2.5											
RUN:		PZD Ciechanow																	
BARRIER DESIGN:		INPUT HEIGHTS																	
ATMOSPHERICS:		20 deg C, 50% RH																	
Receiver																			
Name	No.	#DUs	Existing			No Barrier			Increase over existing	Type	With Barrier			Noise Reduction			Calculated minus Goal		
			LAeq1h	Calculated	Crit'n	LAeq1h	Calculated	Crit'n			Sub'l Inc	Impact	LAeq1h	Calculated	Calculated	Goal			
			dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB		
Receiver1	1	1	0.0	64.3	66	64.3	10	----		Calculated	64.3	0.0	8	-8.0					
Receiver3	3	1	0.0	59.9	66	59.9	10	----		Calculated	59.9	0.0	8	-8.0					
Receiver5	5	1	0.0	56.7	66	56.7	10	----		Calculated	56.7	0.0	8	-8.0					
Receiver6	6	1	0.0	53.9	66	53.9	10	----		Calculated	53.9	0.0	8	-8.0					
Receiver7	7	1	0.0	51.8	66	51.8	10	----		Calculated	51.8	0.0	8	-8.0					
Receiver8	8	1	0.0	50.2	66	50.2	10	----		Calculated	50.2	0.0	8	-8.0					
Receiver9	9	1	0.0	49.0	66	49.0	10	----		Calculated	49.0	0.0	8	-8.0					
Receiver10	10	1	0.0	47.9	66	47.9	10	----		Calculated	47.9	0.0	8	-8.0					
Receiver11	11	1	0.0	47.0	66	47.0	10	----		Calculated	47.0	0.0	8	-8.0					
Receiver12	12	1	0.0	46.1	66	46.1	10	----		Calculated	46.1	0.0	8	-8.0					
Receiver13	13	1	0.0	45.4	66	45.4	10	----		Calculated	45.4	0.0	8	-8.0					
Dwelling Units		# DUs	Noise Reduction																
			Min	Avg	Max														
			dB	dB	dB														
All Selected		11	0.0	0.0	0.0														
All Impacted		0	0.0	0.0	0.0														
All that meet NR Goal		0	0.0	0.0	0.0														

RESULTS: SOUND LEVELS

Analiza halasu droga 1233W progn. noc

Srodowisko SC		26 September 2008		TNM 2.5		Calculated with TNM 2.5							
AG													
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT: Analiza halasu droga 1233W progn. noc													
RUN: PZD Ciechanow													
BARRIER DESIGN: INPUT HEIGHTS													
ATMOSPHERICS: 20 deg C, 50% RH													
Receiver													
Name	No.	#DUs	Existing	No Barrier	Increase over existing	Type	With Barrier	Noise Reduction	Goal	Calculated	Goal	Calculated	
			Laeqth	Laeqth	Calculated	Crit'n	Calculated	Sub'l Inc		Calculated	dB	dB	minus
			dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	Goal
Receiver1	1	1	0.0	54.1	54.1	10	54.1	0.0	8	54.1	0.0	8	-8.0
Receiver3	3	1	0.0	49.8	49.8	10	49.8	0.0	8	49.8	0.0	8	-8.0
Receiver5	5	1	0.0	46.5	46.5	10	46.5	0.0	8	46.5	0.0	8	-8.0
Receiver6	6	1	0.0	43.5	43.5	10	43.5	0.0	8	43.5	0.0	8	-8.0
Receiver7	7	1	0.0	41.3	41.3	10	41.3	0.0	8	41.3	0.0	8	-8.0
Receiver8	8	1	0.0	39.6	39.6	10	39.6	0.0	8	39.6	0.0	8	-8.0
Receiver9	9	1	0.0	38.2	38.2	10	38.2	0.0	8	38.2	0.0	8	-8.0
Receiver10	10	1	0.0	37.0	37.0	10	37.0	0.0	8	37.0	0.0	8	-8.0
Receiver11	11	1	0.0	35.9	35.9	10	35.9	0.0	8	35.9	0.0	8	-8.0
Receiver12	12	1	0.0	35.0	35.0	10	35.0	0.0	8	35.0	0.0	8	-8.0
Receiver13	13	1	0.0	34.2	34.2	10	34.2	0.0	8	34.2	0.0	8	-8.0
Dwelling Units								# DUs	Noise Reduction				
			Min	Avg	Max								
			dB	dB	dB								
All Selected		11	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		0	0.0	0.0	0.0								

RESULTS: SOUND LEVELS

Analiza halasu droga 1233W stan 1st. noc

Srodowisko SC						26 September 2008							
AG						TNM 2.5							
RESULTS: SOUND LEVELS						Calculated with TNM 2.5							
PROJECT/CONTRACT:		Analiza halasu droga 1233W stan 1st. noc											
RUN:		PZD Ciechanow											
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:		20 deg C, 50% RH											
Receiver													
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier LAeq1h Calculated	Noise Reduction Calculated	Goal	Calculated minus Goal	
Receiver1	1	1	0.0	53.2	66	53.2	10	----	53.2	0.0	8	-8.0	
Receiver3	3	1	0.0	48.8	66	48.8	10	----	48.8	0.0	8	-8.0	
Receiver5	5	1	0.0	45.5	66	45.5	10	----	45.5	0.0	8	-8.0	
Receiver6	6	1	0.0	42.6	66	42.6	10	----	42.6	0.0	8	-8.0	
Receiver7	7	1	0.0	40.4	66	40.4	10	----	40.4	0.0	8	-8.0	
Receiver8	8	1	0.0	38.7	66	38.7	10	----	38.7	0.0	8	-8.0	
Receiver9	9	1	0.0	37.3	66	37.3	10	----	37.3	0.0	8	-8.0	
Receiver10	10	1	0.0	36.1	66	36.1	10	----	36.1	0.0	8	-8.0	
Receiver11	11	1	0.0	35.1	66	35.1	10	----	35.1	0.0	8	-8.0	
Receiver12	12	1	0.0	34.2	66	34.2	10	----	34.2	0.0	8	-8.0	
Receiver13	13	1	0.0	33.3	66	33.3	10	----	33.3	0.0	8	-8.0	
Dwelling Units		# DUs	Noise Reduction										
			Min	Avg	Max								
			dB	dB	dB								
All Selected		11	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		0	0.0	0.0	0.0								

RESULTS: SOUND LEVELS

Analiza halasu srednjo dia SDR=100

Srodowisko SC
AG

27 September 2008

TNM 2.5

Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

Analiza halasu srednjo dia SDR=100

RUN:

PZD Clechanow

BARRIER DESIGN:

INPUT HEIGHTS

ATMOSPHERICS:

20 deg C, 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	Existing		No Barrier			Increase over existing	Type	With Barrier							
				LAeq1h	Crit'n	LAeq1h	Crit'n	Impact			LAeq1h	Calculated	Noise Reduction	Goal	Calculated			
				dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB
Receiver1		1	1	0.0	52.8	66	52.8	10	-----	52.8	0.0	8	-8.0					
Receiver3		3	1	0.0	48.4	66	48.4	10	-----	48.4	0.0	8	-8.0					
Receiver5		5	1	0.0	45.1	66	45.1	10	-----	45.1	0.0	8	-8.0					
Receiver6		6	1	0.0	42.2	66	42.2	10	-----	42.2	0.0	8	-8.0					
Receiver7		7	1	0.0	40.0	66	40.0	10	-----	40.0	0.0	8	-8.0					
Receiver8		8	1	0.0	38.3	66	38.3	10	-----	38.3	0.0	8	-8.0					
Receiver9		9	1	0.0	36.9	66	36.9	10	-----	36.9	0.0	8	-8.0					
Receiver10		10	1	0.0	35.8	66	35.8	10	-----	35.8	0.0	8	-8.0					
Receiver11		11	1	0.0	34.7	66	34.7	10	-----	34.7	0.0	8	-8.0					
Receiver12		12	1	0.0	33.8	66	33.8	10	-----	33.8	0.0	8	-8.0					
Receiver13		13	1	0.0	33.0	66	33.0	10	-----	33.0	0.0	8	-8.0					
Dwelling Units				# DUs			Noise Reduction											
				Min	Avg	Max												
				dB	dB	dB												
All Selected			11	0.0	0.0	0.0												
All Impacted			0	0.0	0.0	0.0												
All that meet NR Goal			0	0.0	0.0	0.0												

RESULTS: SOUND LEVELS

Analiza halasu srednio dla SDR=200

Strodowisko SC
AG

27 September 2008
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

Analiza halasu srednio dla SDR=200

PROJECT/CONTRACT:
RUN:
BARRIER DESIGN:
ATMOSPHERICS:

PZD Clecharow
INPUT HEIGHTS
20 deg C, 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	Existing			No Barrier			Increase over existing	Type	With Barrier						
				LAeq1h	Calculated	Crit'n	LAeq1h	Calculated	Crit'n			LAeq1h	Calculated	Crit'n	Impact	Calculated	Noise Reduction	Goal
				dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB
	Receiver1	1	1	0.0	58.0	66	58.0	10	-----		58.0	0.0	8	-8.0				
	Receiver3	3	1	0.0	53.5	66	53.5	10	-----		53.5	0.0	8	-8.0				
	Receiver5	5	1	0.0	50.4	66	50.4	10	-----		50.4	0.0	8	-8.0				
	Receiver6	6	1	0.0	47.7	66	47.7	10	-----		47.7	0.0	8	-8.0				
	Receiver7	7	1	0.0	45.8	66	45.8	10	-----		45.8	0.0	8	-8.0				
	Receiver8	8	1	0.0	44.4	66	44.4	10	-----		44.4	0.0	8	-8.0				
	Receiver9	9	1	0.0	43.2	66	43.2	10	-----		43.2	0.0	8	-8.0				
	Receiver10	10	1	0.0	42.2	66	42.2	10	-----		42.2	0.0	8	-8.0				
	Receiver11	11	1	0.0	41.4	66	41.4	10	-----		41.4	0.0	8	-8.0				
	Receiver12	12	1	0.0	40.7	66	40.7	10	-----		40.7	0.0	8	-8.0				
	Receiver13	13	1	0.0	40.0	66	40.0	10	-----		40.0	0.0	8	-8.0				
Dwelling Units				# DUs			Noise Reduction											
				Min	Avg	Max	Min	Avg	Max									
				dB	dB	dB	dB	dB	dB									
All Selected				11	0.0	0.0	0.0	0.0	0.0									
All Impacted				0	0.0	0.0	0.0	0.0										
All that meet NR Goal				0	0.0	0.0	0.0	0.0										

RESULTS: SOUND LEVELS

Analiza halasu srednio dia SDR-300

Srodowisko SC
AG

27 September 2008
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

Analiza halasu srednio dia SDR=300

PROJECT/CONTRACT:
RUN:
BARRIER DESIGN:

PZD Clecharow
INPUT HEIGHTS

20 deg C, 50% RH

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

ATMOSPHERICS:

Receiver Name	No.	#DUs	Existing			No Barrier			Increase over existing	Type	With Barrier								
			LAeq7h	Calculated	Crit'n	LAeq7h	Calculated	Crit'n			LAeq7h	Calculated	Crit'n	Impact	Calculated	Noise Reduction	Goal	Calculated minus Goal	
			dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB
Receiver1	1	1	0.0	59.2	66	59.2	10	10	-----	59.2	0.0	8	-8.0						
Receiver3	3	1	0.0	54.7	66	54.7	10	10	-----	54.7	0.0	8	-8.0						
Receiver5	5	1	0.0	51.5	66	51.5	10	10	-----	51.5	0.0	8	-8.0						
Receiver6	6	1	0.0	48.8	66	48.8	10	10	-----	48.8	0.0	8	-8.0						
Receiver7	7	1	0.0	46.8	66	46.8	10	10	-----	46.8	0.0	8	-8.0						
Receiver8	8	1	0.0	45.3	66	45.3	10	10	-----	45.3	0.0	8	-8.0						
Receiver9	9	1	0.0	44.1	66	44.1	10	10	-----	44.1	0.0	8	-8.0						
Receiver10	10	1	0.0	43.1	66	43.1	10	10	-----	43.1	0.0	8	-8.0						
Receiver11	11	1	0.0	42.2	66	42.2	10	10	-----	42.2	0.0	8	-8.0						
Receiver12	12	1	0.0	41.5	66	41.5	10	10	-----	41.5	0.0	8	-8.0						
Receiver13	13	1	0.0	40.8	66	40.8	10	10	-----	40.8	0.0	8	-8.0						
Dwelling Units			# DUs			Noise Reduction													
			Min	Avg	Max														
			dB	dB	dB														
All Selected			11	0.0	0.0														
All Impacted			0	0.0	0.0														
All that meet NR Goal			0	0.0	0.0														

RESULTS: SOUND LEVELS

Analiza halasu srednio dia SDR=400

27 September 2008

TNM 2.5

Calculated with TNM 2.5

Srodowisko SC
AG

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

RUN:

BARRIER DESIGN:

ATMOSPHERICS:

Analiza halasu srednio dia SDR=400
PZD Clecharow
INPUT HEIGHTS
20 deg C, 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	Existing			No Barrier			Increase over existing			Type Impact	With Barrier			Noise Reduction		Calculated minus Goal
			LAeq1h	Calculated	Crit'n	LAeq1h	Calculated	Crit'n	Sub'l Inc	Calculated	Calculated		Goal	Calculated	Goal			
			DBA	DBA	DBA	DBA	DBA	DB	DB	DB	DBA	DBA	DB	DB	DB	DB	DB	
Receiver1	1	1	0.0	60.1	66	60.1	10	-----	60.1	0.0	8	80.1	0.0	8	-8.0			
Receiver3	3	1	0.0	55.7	66	55.7	10	-----	55.7	0.0	8	55.7	0.0	8	-8.0			
Receiver5	5	1	0.0	52.5	66	52.5	10	-----	52.5	0.0	8	52.5	0.0	8	-8.0			
Receiver6	6	1	0.0	49.7	66	49.7	10	-----	49.7	0.0	8	49.7	0.0	8	-8.0			
Receiver7	7	1	0.0	47.7	66	47.7	10	-----	47.7	0.0	8	47.7	0.0	8	-8.0			
Receiver8	8	1	0.0	46.2	66	46.2	10	-----	46.2	0.0	8	46.2	0.0	8	-8.0			
Receiver9	9	1	0.0	44.9	66	44.9	10	-----	44.9	0.0	8	44.9	0.0	8	-8.0			
Receiver10	10	1	0.0	43.9	66	43.9	10	-----	43.9	0.0	8	43.9	0.0	8	-8.0			
Receiver11	11	1	0.0	43.0	66	43.0	10	-----	43.0	0.0	8	43.0	0.0	8	-8.0			
Receiver12	12	1	0.0	42.2	66	42.2	10	-----	42.2	0.0	8	42.2	0.0	8	-8.0			
Receiver13	13	1	0.0	41.5	66	41.5	10	-----	41.5	0.0	8	41.5	0.0	8	-8.0			
Dwelling Units			Noise Reduction															
			Min	Avg	Max													
			dB	dB	dB													
All Selected			11	0.0	0.0													
All Impacted			0	0.0	0.0													
All that meet NR Goal			0	0.0	0.0													

RESULTS: SOUND LEVELS

Analiza halasu srednio dia SDR=600

Srodowisko SC
AG

27 September 2008
TNM 2.6
Calculated with TNM 2.6

RESULTS: SOUND LEVELS

Analiza halasu srednio dia SDR=600

PROJECT/CONTRACT:
RUN:
BARRIER DESIGN:

PZD Clecharow
INPUT HEIGHTS

20 deg C, 50% RH

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

ATMOSPHERICS:

Receiver Name	No.	#DUs	Existing			No Barrier			Increase over existing	Type	With Barrier			
			LAeq7h	Calculated	Crit'n	LAeq7h	Calculated	Crit'n			LAeq7h	Calculated	Crit'n	
			dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB
Receiver1	1	1	0.0	61.3	66	61.3	10	61.3	10	---	61.3	0.0	8	-8.0
Receiver3	3	1	0.0	56.8	66	56.8	10	56.8	10	---	56.8	0.0	8	-8.0
Receiver5	5	1	0.0	53.6	66	53.6	10	53.6	10	---	53.6	0.0	8	-8.0
Receiver6	6	1	0.0	50.8	66	50.8	10	50.8	10	---	50.8	0.0	8	-8.0
Receiver7	7	1	0.0	48.8	66	48.8	10	48.8	10	---	48.8	0.0	8	-8.0
Receiver8	8	1	0.0	47.3	66	47.3	10	47.3	10	---	47.3	0.0	8	-8.0
Receiver9	9	1	0.0	46.0	66	46.0	10	46.0	10	---	46.0	0.0	8	-8.0
Receiver10	10	1	0.0	45.0	66	45.0	10	45.0	10	---	45.0	0.0	8	-8.0
Receiver11	11	1	0.0	44.0	66	44.0	10	44.0	10	---	44.0	0.0	8	-8.0
Receiver12	12	1	0.0	43.2	66	43.2	10	43.2	10	---	43.2	0.0	8	-8.0
Receiver13	13	1	0.0	42.5	66	42.5	10	42.5	10	---	42.5	0.0	8	-8.0
Dwelling Units			# DUs			Noise Reduction								
			Min	Avg	Max									
			dB	dB	dB									
All Selected			11	0.0	0.0									
All Impacted			0	0.0	0.0									
All that meet NR Goal			0	0.0	0.0									

RESULTS: SOUND LEVELS

Analiza haliau srednio dla SDR=600

Strodowisko SC

27 September 2008

AG

TNM 2.5

Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

Analiza haliau srednio dla SDR=600

RUN:

PZD Clecharow

BARRIER DESIGN:

INPUT HEIGHTS

ATMOSPHERICS:

20 deg C, 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	Existing			No Barrier			Increase over existing	Type	With Barrier				
				LAeq1h	Calculated	Crit'h	LAeq1h	Calculated	Crit'h			Calculated	Calculated	Noise Reduction	Goal	Calculated minus Goal
				DBA	DBA	DBA	DBA	DBA	DB	dB	dB	dB	dB	dB	dB	dB
Receiver1		1	1	0.0	62.5	66	62.5	10	-----		62.5	0.0	8	-8.0		
Receiver3		3	1	0.0	58.0	66	58.0	10	-----		58.0	0.0	8	-8.0		
Receiver5		5	1	0.0	54.9	66	54.9	10	-----		54.9	0.0	8	-8.0		
Receiver6		6	1	0.0	52.1	66	52.1	10	-----		52.1	0.0	8	-8.0		
Receiver7		7	1	0.0	50.1	66	50.1	10	-----		50.1	0.0	8	-8.0		
Receiver8		8	1	0.0	48.7	66	48.7	10	-----		48.7	0.0	8	-8.0		
Receiver9		9	1	0.0	47.5	66	47.5	10	-----		47.5	0.0	8	-8.0		
Receiver10		10	1	0.0	46.5	66	46.5	10	-----		46.5	0.0	8	-8.0		
Receiver11		11	1	0.0	45.6	66	45.6	10	-----		45.6	0.0	8	-8.0		
Receiver12		12	1	0.0	44.8	66	44.8	10	-----		44.8	0.0	8	-8.0		
Receiver13		13	1	0.0	44.1	66	44.1	10	-----		44.1	0.0	8	-8.0		
Dwelling Units				# DUs			Noise Reduction									
				Min	Avg	Max										
				dB	dB	dB										
All Selected				11	0.0	0.0										
All Impacted				0	0.0	0.0										
All that meet NR Goal				0	0.0	0.0										

RESULTS: SOUND LEVELS

Analiza halasu srednio dia SDR=700

Strodowisko SC

27 September 2008

AG

TNM 2.5

Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

Analiza halasu srednio dia SDR=700

RUN:

PZD Ciechanow

BARRIER DESIGN:

INPUT HEIGHTS

ATMOSPHERICS:

20 deg C, 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	Existing			No Barrier			Increase over existing	Type	With Barrier			
			LAeq1h	Calculated	Crit'n	LAeq1h	Calculated	Crit'n			LAeq1h	Calculated	Crit'n	
Receiver1	1	1	0.0	63.0	66	0.0	63.0	10	-----	63.0	0.0	8	-8.0	
Receiver3	3	1	0.0	58.5	66	0.0	58.5	10	-----	58.5	0.0	8	-8.0	
Receiver5	5	1	0.0	55.3	66	0.0	55.3	10	-----	55.3	0.0	8	-8.0	
Receiver6	6	1	0.0	52.5	66	0.0	52.5	10	-----	52.5	0.0	8	-8.0	
Receiver7	7	1	0.0	50.5	66	0.0	50.5	10	-----	50.5	0.0	8	-8.0	
Receiver8	8	1	0.0	49.1	66	0.0	49.1	10	-----	49.1	0.0	8	-8.0	
Receiver9	9	1	0.0	47.8	66	0.0	47.8	10	-----	47.8	0.0	8	-8.0	
Receiver10	10	1	0.0	46.8	66	0.0	46.8	10	-----	46.8	0.0	8	-8.0	
Receiver11	11	1	0.0	45.9	66	0.0	45.9	10	-----	45.9	0.0	8	-8.0	
Receiver12	12	1	0.0	45.1	66	0.0	45.1	10	-----	45.1	0.0	8	-8.0	
Receiver13	13	1	0.0	44.4	66	0.0	44.4	10	-----	44.4	0.0	8	-8.0	
Dwelling Units			# DUs			Noise Reduction								
			Min			Avg			Max					
			dB			dB			dB					
All Selected			11			0.0			0.0			0.0		
All Impacted			0			0.0			0.0			0.0		
All that meet NR Goal			0			0.0			0.0			0.0		

RESULTS: SOUND LEVELS

Analiza haliau srednio dia SDR=800

Srodowisko SC

27 September 2008

AG

TNM 2.5

Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

Analiza haliau srednio dia SDR=800

RUN:

PZD Clecharow

BARRIER DESIGN:

INPUT HEIGHTS

ATMOSPHERICS:

20 deg C, 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	Existing			No Barrier			Increase over existing	Type	With Barrier			
			LAeq1h	Calculated	Crit'n	LAeq1h	Calculated	Crit'n			Calculated	LAeq1h	Calculated	Goal
Receiver1	1	1	0.0	63.4	66	63.4	63.4	10	----	63.4	63.4	0.0	8	-8.0
Receiver3	3	1	0.0	58.9	66	58.9	58.9	10	----	58.9	58.9	0.0	8	-8.0
Receiver5	5	1	0.0	55.7	66	55.7	55.7	10	----	55.7	55.7	0.0	8	-8.0
Receiver6	6	1	0.0	53.0	66	53.0	53.0	10	----	53.0	53.0	0.0	8	-8.0
Receiver7	7	1	0.0	50.9	66	50.9	50.9	10	----	50.9	50.9	0.0	8	-8.0
Receiver8	8	1	0.0	49.4	66	49.4	49.4	10	----	49.4	49.4	0.0	8	-8.0
Receiver9	9	1	0.0	48.2	66	48.2	48.2	10	----	48.2	48.2	0.0	8	-8.0
Receiver10	10	1	0.0	47.2	66	47.2	47.2	10	----	47.2	47.2	0.0	8	-8.0
Receiver11	11	1	0.0	46.3	66	46.3	46.3	10	----	46.3	46.3	0.0	8	-8.0
Receiver12	12	1	0.0	45.5	66	45.5	45.5	10	----	45.5	45.5	0.0	8	-8.0
Receiver13	13	1	0.0	44.8	66	44.8	44.8	10	----	44.8	44.8	0.0	8	-8.0
Dwelling Units			# DUs			Noise Reduction								
			Min	Avg	Max									
			dB	dB	dB									
All Selected			11	0.0	0.0									
All Impacted			0	0.0	0.0									
All that meet NR Goal			0	0.0	0.0									

RESULTS: SOUND LEVELS

Analiza halasu srednio dla SDR=900

Strodowisko SC
AG

27 September 2008
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: Analiza halasu srednio dla SDR=900
RUN: PZD Clecharow
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 20 deg C, 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	Existing			No Barrier			Increase over existing	Type	With Barrier			Calculated minus Goal
				LAeq1h	Calculated	Crit'n	LAeq1h	Calculated	Crit'n			LAeq1h	Calculated	Goal	
				dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB
Receiver1		1	1	0.0	63.9	68	63.9	10	-----		63.9	0.0	8	-8.0	
Receiver3		3	1	0.0	59.4	68	59.4	10	-----		59.4	0.0	8	-8.0	
Receiver5		5	1	0.0	56.2	68	56.2	10	-----		56.2	0.0	8	-8.0	
Receiver6		6	1	0.0	53.4	68	53.4	10	-----		53.4	0.0	8	-8.0	
Receiver7		7	1	0.0	51.4	66	51.4	10	-----		51.4	0.0	8	-8.0	
Receiver8		8	1	0.0	49.8	66	49.8	10	-----		49.8	0.0	8	-8.0	
Receiver9		9	1	0.0	48.6	66	48.6	10	-----		48.6	0.0	8	-8.0	
Receiver10		10	1	0.0	47.6	66	47.6	10	-----		47.6	0.0	8	-8.0	
Receiver11		11	1	0.0	46.6	66	46.6	10	-----		46.6	0.0	8	-8.0	
Receiver12		12	1	0.0	45.8	66	45.8	10	-----		45.8	0.0	8	-8.0	
Receiver13		13	1	0.0	45.1	66	45.1	10	-----		45.1	0.0	8	-8.0	
Dwelling Units				Noise Reduction											
				Min	Avg	Max									
				dB	dB	dB									
All Selected				11	0.0	0.0									
All Impacted				0	0.0	0.0									
All that meet NR Goal				0	0.0	0.0									

RESULTS: SOUND LEVELS

Analiza halasu srednio dia SDR=1000

Srodowisko SC
AG

27 September 2008
TNM 2.6
Calculated with TNM 2.6

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

Analiza halasu srednio dia SDR=1000

RUN:

PZD Clechanow

BARRIER DESIGN:

INPUT HEIGHTS

ATMOSPHERICS:

20 deg C, 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	Existing		No Barrier			Increase over existing Calculated	Crit'n Sub'l inc	Type Impact	With Barrier		Noise Reduction		Goal	Calculated minus Goal
				LAeq1h dBA	LAeq1h dBA	Calculated LAeq1h dBA	Crit'n dBA	Calculated LAeq1h dBA				Calculated dB	Goal dB				
Receiver1		1	1	0.0	64.8	64.8	66	64.8	10	-----	64.8	0.0	8	0.0	-8.0		
Receiver3		3	1	0.0	60.3	60.3	66	60.3	10	-----	60.3	0.0	8	0.0	-8.0		
Receiver5		5	1	0.0	57.1	57.1	66	57.1	10	-----	57.1	0.0	8	0.0	-8.0		
Receiver6		6	1	0.0	54.4	54.4	66	54.4	10	-----	54.4	0.0	8	0.0	-8.0		
Receiver7		7	1	0.0	52.4	52.4	66	52.4	10	-----	52.4	0.0	8	0.0	-8.0		
Receiver8		8	1	0.0	50.9	50.9	66	50.9	10	-----	50.9	0.0	8	0.0	-8.0		
Receiver9		9	1	0.0	49.7	49.7	66	49.7	10	-----	49.7	0.0	8	0.0	-8.0		
Receiver10		10	1	0.0	48.6	48.6	66	48.6	10	-----	48.6	0.0	8	0.0	-8.0		
Receiver11		11	1	0.0	47.7	47.7	66	47.7	10	-----	47.7	0.0	8	0.0	-8.0		
Receiver12		12	1	0.0	47.0	47.0	66	47.0	10	-----	47.0	0.0	8	0.0	-8.0		
Receiver13		13	1	0.0	46.3	46.3	66	46.3	10	-----	46.3	0.0	8	0.0	-8.0		
Dwelling Units				# DUs			Noise Reduction										
				Min			Avg			Max							
				dB			dB			dB							
All Selected				11			0.0			0.0		0.0					
All Impacted				0			0.0			0.0		0.0					
All that meet NR Goal				0			0.0			0.0		0.0					

RESULTS: SOUND LEVELS

Analiza halasu srednio dla SDR=1200

Srodowisko SC
AG

27 September 2008
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

Analiza halasu srednio dla SDR=1200

RUN:

PZD Clecharow

BARRIER DESIGN:

INPUT HEIGHTS

ATMOSPHERICS:

20 deg C, 50% RH

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

Name	No.	#DUs	Existing LAeq1h dB(A)	No Barrier			Increase over existing Calculated dB	Critic'n Sub'l Inc dB	Type Impact	With Barrier			Noise Reduction Calculated dB	Goal dB	Calculated minus Goal dB
				LAeq1h Calculated dB(A)	Critic'n dB(A)	dB				Calculated dB(A)	dB	dB			
Receiver1	1	1	0.0	65.1	66	65.1	10	----		65.1	0.0	8		-8.0	
Receiver3	3	1	0.0	60.6	66	60.6	10	----		60.6	0.0	8		-8.0	
Receiver5	5	1	0.0	57.5	66	57.5	10	----		57.5	0.0	8		-8.0	
Receiver6	6	1	0.0	54.7	66	54.7	10	----		54.7	0.0	8		-8.0	
Receiver7	7	1	0.0	52.7	66	52.7	10	----		52.7	0.0	8		-8.0	
Receiver8	8	1	0.0	51.2	66	51.2	10	----		51.2	0.0	8		-8.0	
Receiver9	9	1	0.0	49.9	66	49.9	10	----		49.9	0.0	8		-8.0	
Receiver10	10	1	0.0	48.9	66	48.9	10	----		48.9	0.0	8		-8.0	
Receiver11	11	1	0.0	48.0	66	48.0	10	----		48.0	0.0	8		-8.0	
Receiver12	12	1	0.0	47.2	66	47.2	10	----		47.2	0.0	8		-8.0	
Receiver13	13	1	0.0	46.5	66	46.5	10	----		46.5	0.0	8		-8.0	
Dwelling Units			Noise Reduction												
			Min	Avg	Max										
			dB	dB	dB										
All Selected			11	0.0	0.0										
All Impacted			0	0.0	0.0										
All that meet NR Goal			0	0.0	0.0										

RESULTS: SOUND LEVELS

Analiza halasu srednio dla SDR=1500

Srodowisko SC
AG

27 September 2008
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

Analiza halasu srednio dla SDR=1500

RUN:

PZD Ciechanow

BARRIER DESIGN:

INPUT HEIGHTS

ATMOSPHERICS:

20 deg C, 50% RH

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

Name	No.	#DUs	Existing LAeq1h dB(A)	No Barrier			Increase over existing Calculated dB	Crit'n Sub'l Inc dB	Type Impact	With Barrier			Noise Reduction Calculated dB	Goal dB	Calculated minus Goal dB
				LAeq1h Calculated dB(A)	Crit'n dB(A)					Calculated dB(A)					
Receiver1	1	1	0.0	66.4	66	66.4	10	Snd Lvl	66.4	0.0	8	-8.0			
Receiver3	3	1	0.0	61.9	66	61.9	10	----	61.9	0.0	8	-8.0			
Receiver5	5	1	0.0	58.7	66	58.7	10	----	58.7	0.0	8	-8.0			
Receiver6	6	1	0.0	56.0	66	56.0	10	----	56.0	0.0	8	-8.0			
Receiver7	7	1	0.0	53.9	66	53.9	10	----	53.9	0.0	8	-8.0			
Receiver8	8	1	0.0	52.4	66	52.4	10	----	52.4	0.0	8	-8.0			
Receiver9	9	1	0.0	51.2	66	51.2	10	----	51.2	0.0	8	-8.0			
Receiver10	10	1	0.0	50.2	66	50.2	10	----	50.2	0.0	8	-8.0			
Receiver11	11	1	0.0	49.3	66	49.3	10	----	49.3	0.0	8	-8.0			
Receiver12	12	1	0.0	48.5	66	48.5	10	----	48.5	0.0	8	-8.0			
Receiver13	13	1	0.0	47.8	66	47.8	10	----	47.8	0.0	8	-8.0			
Dwelling Units			Noise Reduction												
		# DUs	Min dB	Avg dB	Max dB										
All Selected		11	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										

RESULTS: SOUND LEVELS

Analiza halasu srednio dia SDR=2000

Srodowisko SC
AG

27 September 2008

TNM 2.5

Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

Analiza halasu srednio dia SDR=2000

RUN:

PZD Clechanow

BARRIER DESIGN:

INPUT HEIGHTS

ATMOSPHERICS:

20 deg C, 50% RH

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

Name	No.	#DUS	Existing		No Barrier		Increase over existing	Type	With Barrier		Calculated	Noise Reduction	Goal	Calculated minus Goal	
			LAeq1h	Crit'n	LAeq1h	Crit'n			Calculated	Crit'n					Calculated
Receiver1	1	1	0.0	67.7	66	67.7	10	Snd Lvl	67.7	0.0	8	0.0	-8.0		
Receiver3	3	1	0.0	63.2	66	63.2	10	---	63.2	0.0	8	0.0	-8.0		
Receiver5	5	1	0.0	60.0	66	60.0	10	---	60.0	0.0	8	0.0	-8.0		
Receiver6	6	1	0.0	57.2	66	57.2	10	---	57.2	0.0	8	0.0	-8.0		
Receiver7	7	1	0.0	55.2	66	55.2	10	---	55.2	0.0	8	0.0	-8.0		
Receiver8	8	1	0.0	53.7	66	53.7	10	---	53.7	0.0	8	0.0	-8.0		
Receiver9	9	1	0.0	52.5	66	52.5	10	---	52.5	0.0	8	0.0	-8.0		
Receiver10	10	1	0.0	51.5	66	51.5	10	---	51.5	0.0	8	0.0	-8.0		
Receiver11	11	1	0.0	50.6	66	50.6	10	---	50.6	0.0	8	0.0	-8.0		
Receiver12	12	1	0.0	49.8	66	49.8	10	---	49.8	0.0	8	0.0	-8.0		
Receiver13	13	1	0.0	49.1	66	49.1	10	---	49.1	0.0	8	0.0	-8.0		
Dwelling Units			# DUS		Noise Reduction										
			Min	Avg	Max										
			dB	dB	dB										
All Selected			11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
All Impacted			1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
All that meet NIR Goal			0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

RESULTS: SOUND LEVELS

Analiza halasu srednio dia SDR=2600

Strodowisko SC
AG

27 September 2008
TNM 2.6
Calculated with TNM 2.6

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

Analiza halasu srednio dia SDR=2500

RUN:

PZD Ciechanow

BARRIER DESIGN:

INPUT HEIGHTS

ATMOSPHERICS:

20 deg C, 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	Existing			No Barrier			Increase over existing	Type	With Barrier					
				LAeq1h	Calculated	Crit'n	LAeq1h	Calculated	Crit'n			LAeq1h	Calculated	Noise Reduction	Goal	Calculated	
				dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB
	Receiver1	1	1	0.0	68.6	66	68.6	10	Snd Lvl	68.6	0.0	8	-8.0				
	Receiver3	3	1	0.0	64.1	66	64.1	10	-----	64.1	0.0	8	-8.0				
	Receiver5	5	1	0.0	60.9	66	60.9	10	-----	60.9	0.0	8	-8.0				
	Receiver6	6	1	0.0	58.1	66	58.1	10	-----	58.1	0.0	8	-8.0				
	Receiver7	7	1	0.0	56.1	66	56.1	10	-----	56.1	0.0	8	-8.0				
	Receiver8	8	1	0.0	54.6	66	54.6	10	-----	54.6	0.0	8	-8.0				
	Receiver9	9	1	0.0	53.4	66	53.4	10	-----	53.4	0.0	8	-8.0				
	Receiver10	10	1	0.0	52.4	66	52.4	10	-----	52.4	0.0	8	-8.0				
	Receiver11	11	1	0.0	51.5	66	51.5	10	-----	51.5	0.0	8	-8.0				
	Receiver12	12	1	0.0	50.7	66	50.7	10	-----	50.7	0.0	8	-8.0				
	Receiver13	13	1	0.0	50.0	66	50.0	10	-----	50.0	0.0	8	-8.0				
Dwelling Units				# DUs			Noise Reduction										
				Min	Avg	Max											
				dB	dB	dB											
All Selected				11	0.0	0.0											
All Impacted				1	0.0	0.0											
All that meet NR Goal				0	0.0	0.0											