Noise Analysis

SEH
Josh

26 July 2005
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: USH 8
RUN: SEG 1A
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 LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
REC1	7	1	0.0	58.5	66	58.5	10	----	58.5	0.0	8	-8.0
REC2	8	1	0.0	64.4	66	64.4	10	----	64.4	0.0	8	-8.0
REC5	9	1	0.0	56.4	66	56.4	10	----	56.4	0.0	8	-8.0
REC6	10	1	0.0	48.7	66	48.7	10	----	48.7	0.0	8	-8.0
REC7	11	1	0.0	50.3	66	50.3	10	----	50.3	0.0	8	-8.0
REC8	12	1	0.0	59.8	66	59.8	10	----	59.8	0.0	8	-8.0
REC9	13	1	0.0	55.2	66	55.2	10	----	55.2	0.0	8	-8.0
REC10	14	1	0.0	55.6	66	55.6	10	----	55.6	0.0	8	-8.0
REC14	15	1	0.0	52.9	66	52.9	10	----	52.9	0.0	8	-8.0
REC15	16	1	0.0	58.9	66	58.9	10	----	58.9	0.0	8	-8.0
REC16	17	1	0.0	56.4	66	56.4	10	----	56.4	0.0	8	-8.0
REC17	18	1	0.0	58.6	66	58.6	10	----	58.6	0.0	8	-8.0
REC18	19	1	0.0	50.8	66	50.8	10	----	50.8	0.0	8	-8.0
REC19	20	1	0.0	38.0	66	38.0	10	----	38.0	0.0	8	-8.0
REC21	21	1	0.0	58.6	66	58.6	10	----	58.6	0.0	8	-8.0
REC23	22	1	0.0	54.2	66	54.2	10	----	54.2	0.0	8	-8.0
REC26	23	1	0.0	59.2	66	59.2	10	----	59.2	0.0	8	-8.0
REC27	24	1	0.0	57.5	66	57.5	10	----	57.5	0.0	8	-8.0
REC28	25	1	0.0	62.0	66	62.0	10	----	62.0	0.0	8	-8.0
REC29	26	1	0.0	51.5	66	51.5	10	----	51.5	0.0	8	-8.0
REC32	27	1	0.0	62.9	66	62.9	10	----	62.9	0.0	8	-8.0
REC37	28	1	0.0	54.5	66	54.5	10	----	54.5	0.0	8	-8.0
A1	29	1	0.0	62.7	66	62.7	10	----	62.7	0.0	8	-8.0

A2	30	1	0.0	63.8	66	63.8	10	----	63.8	0.0	8	-8.0
A3	32	1	0.0	66.8	66	66.8	10	Snd Lvl	66.8	0.0	8	-8.0
A5	34	1	0.0	68.4	66	68.4	10	Snd Lvl	68.4	0.0	8	-8.0
A6	35	1	0.0	62.2	66	62.2	10	----	62.2	0.0	8	-8.0
A7	36	1	0.0	58.2	66	58.2	10	----	58.2	0.0	8	-8.0
A8	37	1	0.0	49.6	66	49.6	10	----	49.6	0.0	8	-8.0
B1	38	1	0.0	64.7	66	64.7	10	----	64.7	0.0	8	-8.0
B2	39	1	0.0	63.6	66	63.6	10	----	63.6	0.0	8	-8.0
B3	40	1	0.0	61.0	66	61.0	10	----	61.0	0.0	8	-8.0
B4	41	1	0.0	57.1	66	57.1	10	----	57.1	0.0	8	-8.0
B5	42	1	0.0	54.5	66	54.5	10	----	54.5	0.0	8	-8.0
B6	43	1	0.0	52.6	66	52.6	10	----	52.6	0.0	8	-8.0
B7	44	1	0.0	51.0	66	51.0	10	----	51.0	0.0	8	-8.0
B8	45	1	0.0	45.9	66	45.9	10	----	45.9	0.0	8	-8.0
C1	46	1	0.0	70.0	66	70.0	10	Snd Lvl	70.0	0.0	8	-8.0
C2	47	1	0.0	67.6	66	67.6	10	Snd Lvl	67.6	0.0	8	-8.0
C3	48	1	0.0	63.8	66	63.8	10	----	63.8	0.0	8	-8.0
C4	49	1	0.0	58.7	66	58.7	10	----	58.7	0.0	8	-8.0
C5	50	1	0.0	55.3	66	55.3	10	----	55.3	0.0	8	-8.0
C6	51	1	0.0	52.9	66	52.9	10	----	52.9	0.0	8	-8.0
C7	52	1	0.0	51.1	66	51.1	10	----	51.1	0.0	8	-8.0
C8	53	1	0.0	45.3	66	45.3	10	----	45.3	0.0	8	-8.0
D1	54	1	0.0	58.9	66	58.9	10	----	58.9	0.0	8	-8.0
D2	55	1	0.0	58.4	66	58.4	10	----	58.4	0.0	8	-8.0
D3	56	1	0.0	57.4	66	57.4	10	----	57.4	0.0	8	-8.0
D4	57	1	0.0	55.6	66	55.6	10	----	55.6	0.0	8	-8.0
D5	58	1	0.0	54.1	66	54.1	10	----	54.1	0.0	8	-8.0
D6	59	1	0.0	52.9	66	52.9	10	----	52.9	0.0	8	-8.0
D7	60	1	0.0	51.8	66	51.8	10	----	51.8	0.0	8	-8.0
D8	61	1	0.0	48.1	66	48.1	10	----	48.1	0.0	8	-8.0
E1	62	1	0.0	71.1	66	71.1	10	Snd Lvl	71.1	0.0	8	-8.0
E2	63	1	0.0	68.5	66	68.5	10	Snd Lvl	68.5	0.0	8	-8.0
E3	64	1	0.0	63.3	66	63.3	10	----	63.3	0.0	8	-8.0
E4	65	1	0.0	57.0	66	57.0	10	----	57.0	0.0	8	-8.0
E5	66	1	0.0	53.6	66	53.6	10	----	53.6	0.0	8	-8.0
E6	67	1	0.0	51.3	66	51.3	10	----	51.3	0.0	8	-8.0
E7	68	1	0.0	49.3	66	49.3	10	----	49.3	0.0	8	-8.0
E8	69	1	0.0	43.5	66	43.5	10	----	43.5	0.0	8	-8.0
F1	70	1	0.0	54.7	66	54.7	10	----	54.7	0.0	8	-8.0
F2	71	1	0.0	54.2	66	54.2	10	----	54.2	0.0	8	-8.0

F3	72	1	0.0	53.2	66	53.2	10	----	53.2	0.0	8	-8.0
F4	73	1	0.0	51.7	66	51.7	10	----	51.7	0.0	8	-8.0
F5	74	1	0.0	49.0	66	49.0	10	----	49.0	0.0	8	-8.0
F6	75	1	0.0	47.8	66	47.8	10	----	47.8	0.0	8	-8.0
F7	76	1	0.0	46.9	66	46.9	10	----	46.9	0.0	8	-8.0
F8	77	1	0.0	41.8	66	41.8	10	----	41.8	0.0	8	-8.0
G1	78	1	0.0	60.3	66	60.3	10	----	60.3	0.0	8	-8.0
G3	80	1	0.0	60.1	66	60.1	10	----	60.1	0.0	8	-8.0
G4	81	1	0.0	57.2	66	57.2	10	----	57.2	0.0	8	-8.0
G5	82	1	0.0	54.7	66	54.7	10	----	54.7	0.0	8	-8.0
G6	83	1	0.0	52.1	66	52.1	10	----	52.1	0.0	8	-8.0
G7	84	1	0.0	50.0	66	50.0	10	----	50.0	0.0	8	-8.0
G8	85	1	0.0	44.7	66	44.7	10	----	44.7	0.0	8	-8.0
H1	86	1	0.0	57.9	66	57.9	10	----	57.9	0.0	8	-8.0
H2	87	1	0.0	57.3	66	57.3	10	----	57.3	0.0	8	-8.0
H3	88	1	0.0	56.2	66	56.2	10	----	56.2	0.0	8	-8.0
H4	89	1	0.0	54.2	66	54.2	10	----	54.2	0.0	8	-8.0
H5	90	1	0.0	52.5	66	52.5	10	----	52.5	0.0	8	-8.0
H6	91	1	0.0	51.3	66	51.3	10	----	51.3	0.0	8	-8.0
H7	92	1	0.0	50.1	66	50.1	10	----	50.1	0.0	8	-8.0
H8	93	1	0.0	43.6	66	43.6	10	----	43.6	0.0	8	-8.0
I1	94	1	0.0	60.7	66	60.7	10	----	60.7	0.0	8	-8.0
I2	95	1	0.0	60.0	66	60.0	10	----	60.0	0.0	8	-8.0
I3	96	1	0.0	58.4	66	58.4	10	----	58.4	0.0	8	-8.0
I4	97	1	0.0	55.3	66	55.3	10	----	55.3	0.0	8	-8.0
I5	98	1	0.0	52.5	66	52.5	10	----	52.5	0.0	8	-8.0
I6	99	1	0.0	50.8	66	50.8	10	----	50.8	0.0	8	-8.0
I7	100	1	0.0	49.2	66	49.2	10	----	49.2	0.0	8	-8.0
I8	101	1	0.0	43.1	66	43.1	10	----	43.1	0.0	8	-8.0
J1	102	1	0.0	69.3	66	69.3	10	Snd Lvl	69.3	0.0	8	-8.0
J2	103	1	0.0	67.8	66	67.8	10	Snd Lvl	67.8	0.0	8	-8.0
J3	104	1	0.0	64.5	66	64.5	10	----	64.5	0.0	8	-8.0
J4	105	1	0.0	59.4	66	59.4	10	----	59.4	0.0	8	-8.0
J5	106	1	0.0	56.0	66	56.0	10	----	56.0	0.0	8	-8.0
J6	107	1	0.0	53.1	66	53.1	10	----	53.1	0.0	8	-8.0
J7	108	1	0.0	50.9	66	50.9	10	----	50.9	0.0	8	-8.0
J8	109	1	0.0	44.3	66	44.3	10	----	44.3	0.0	8	-8.0
K1	110	1	0.0	67.8	66	67.8	10	Snd Lvl	67.8	0.0	8	-8.0
K2	111	1	0.0	65.6	66	65.6	10	----	65.6	0.0	8	-8.0
K3	112	1	0.0	61.8	66	61.8	10	----	61.8	0.0	8	-8.0

K4	113	1	0.0	57.3	66	57.3	10	----	57.3	0.0	8	-8.0
K5	114	1	0.0	54.3	66	54.3	10	----	54.3	0.0	8	-8.0
K6	115	1	0.0	52.3	66	52.3	10	----	52.3	0.0	8	-8.0
K7	116	1	0.0	50.6	66	50.6	10	----	50.6	0.0	8	-8.0
K8	117	1	0.0	45.1	66	45.1	10	----	45.1	0.0	8	-8.0
L2	119	1	0.0	70.0	66	70.0	10	Snd Lvl	70.0	0.0	8	-8.0
L3	120	1	0.0	65.1	66	65.1	10	----	65.1	0.0	8	-8.0
L4	121	1	0.0	59.9	66	59.9	10	----	59.9	0.0	8	-8.0
L5	122	1	0.0	56.5	66	56.5	10	----	56.5	0.0	8	-8.0
L6	123	1	0.0	53.9	66	53.9	10	----	53.9	0.0	8	-8.0
L7	124	1	0.0	51.6	66	51.6	10	----	51.6	0.0	8	-8.0
L8	125	1	0.0	45.1	66	45.1	10	----	45.1	0.0	8	-8.0
M1	126	1	0.0	66.9	66	66.9	10	Snd Lvl	66.9	0.0	8	-8.0
M3	128	1	0.0	65.3	66	65.3	10	----	65.3	0.0	8	-8.0
M4	129	1	0.0	60.3	66	60.3	10	----	60.3	0.0	8	-8.0
M5	130	1	0.0	56.4	66	56.4	10	----	56.4	0.0	8	-8.0
M6	131	1	0.0	53.9	66	53.9	10	----	53.9	0.0	8	-8.0
M7	132	1	0.0	52.3	66	52.3	10	----	52.3	0.0	8	-8.0
M8	133	1	0.0	45.1	66	45.1	10	----	45.1	0.0	8	-8.0
N1	134	1	0.0	54.5	66	54.5	10	----	54.5	0.0	8	-8.0
N2	135	1	0.0	53.8	66	53.8	10	----	53.8	0.0	8	-8.0
N3	136	1	0.0	52.3	66	52.3	10	----	52.3	0.0	8	-8.0
N4	137	1	0.0	50.1	66	50.1	10	----	50.1	0.0	8	-8.0
N5	138	1	0.0	48.5	66	48.5	10	----	48.5	0.0	8	-8.0
N6	139	1	0.0	47.1	66	47.1	10	----	47.1	0.0	8	-8.0
N7	140	1	0.0	45.9	66	45.9	10	----	45.9	0.0	8	-8.0
N8	141	1	0.0	42.3	66	42.3	10	----	42.3	0.0	8	-8.0
O1	142	1	0.0	60.5	66	60.5	10	----	60.5	0.0	8	-8.0
O2	143	1	0.0	59.3	66	59.3	10	----	59.3	0.0	8	-8.0
O3	144	1	0.0	57.4	66	57.4	10	----	57.4	0.0	8	-8.0
O4	145	1	0.0	54.3	66	54.3	10	----	54.3	0.0	8	-8.0
O5	146	1	0.0	52.1	66	52.1	10	----	52.1	0.0	8	-8.0
O6	147	1	0.0	50.4	66	50.4	10	----	50.4	0.0	8	-8.0
O7	148	1	0.0	48.9	66	48.9	10	----	48.9	0.0	8	-8.0
O8	149	1	0.0	44.1	66	44.1	10	----	44.1	0.0	8	-8.0
P1	150	1	0.0	66.5	66	66.5	10	Snd Lvl	66.5	0.0	8	-8.0
P2	151	1	0.0	65.3	66	65.3	10	----	65.3	0.0	8	-8.0
P3	152	1	0.0	62.4	66	62.4	10	----	62.4	0.0	8	-8.0
P4	153	1	0.0	58.9	66	58.9	10	----	58.9	0.0	8	-8.0
P5	154	1	0.0	55.6	66	55.6	10	----	55.6	0.0	8	-8.0

P6	155	1	0.0	53.2	66	53.2	10	----	53.2	0.0	8	-8.0
P7	156	1	0.0	51.3	66	51.3	10	----	51.3	0.0	8	-8.0
P8	157	1	0.0	45.5	66	45.5	10	----	45.5	0.0	8	-8.0
Q1	158	1	0.0	66.9	66	66.9	10	Snd Lvl	66.9	0.0	8	-8.0
Q2	159	1	0.0	65.5	66	65.5	10	----	65.5	0.0	8	-8.0
Q3	160	1	0.0	62.2	66	62.2	10	----	62.2	0.0	8	-8.0
Q4	161	1	0.0	57.5	66	57.5	10	----	57.5	0.0	8	-8.0
Q5	162	1	0.0	54.9	66	54.9	10	----	54.9	0.0	8	-8.0
Q6	163	1	0.0	51.7	66	51.7	10	----	51.7	0.0	8	-8.0
Q7	164	1	0.0	50.1	66	50.1	10	----	50.1	0.0	8	-8.0
Q8	165	1	0.0	44.9	66	44.9	10	----	44.9	0.0	8	-8.0
REC39	167	1	0.0	55.1	66	55.1	10	----	55.1	0.0	8	-8.0
REC40	168	1	0.0	62.2	66	62.2	10	----	62.2	0.0	8	-8.0
REC41	169	1	0.0	55.2	66	55.2	10	----	55.2	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	157	0.0	0.0	0.0
All Impacted	13	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

SEH
Josh

2 August 2005
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: USH 8
RUN: SEG 1A
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 LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
REC1	7	1	58.5	58.2	66	-0.3	15	----	58.2	0.0	8	-8.0
REC2	8	1	64.4	63.9	66	-0.5	15	----	63.9	0.0	8	-8.0
REC5	9	1	56.4	56.3	66	-0.1	15	----	56.3	0.0	8	-8.0
REC6	10	1	48.7	48.7	66	0.0	15	----	48.7	0.0	8	-8.0
REC7	11	1	50.3	50.2	66	-0.1	15	----	50.2	0.0	8	-8.0
REC8	12	1	59.8	59.3	66	-0.5	15	----	59.3	0.0	8	-8.0
REC9	13	1	55.2	56.4	66	1.2	15	----	56.4	0.0	8	-8.0
REC10	14	1	55.6	56.6	66	1.0	15	----	56.6	0.0	8	-8.0
REC14	15	1	52.9	53.9	66	1.0	15	----	53.9	0.0	8	-8.0
REC15	16	1	58.9	59.9	66	1.0	15	----	59.9	0.0	8	-8.0
REC16	17	1	56.4	57.5	66	1.1	15	----	57.5	0.0	8	-8.0
REC17	18	1	58.6	59.7	66	1.1	15	----	59.7	0.0	8	-8.0
REC18	19	1	50.8	52.0	66	1.2	15	----	52.0	0.0	8	-8.0
REC19	20	1	38.0	39.7	66	1.7	15	----	39.7	0.0	8	-8.0
REC21	21	1	58.6	60.6	66	2.0	15	----	60.6	0.0	8	-8.0
REC23	22	1	54.2	54.2	66	0.0	15	----	54.2	0.0	8	-8.0
REC26	23	1	59.2	59.2	66	0.0	15	----	59.2	0.0	8	-8.0
REC27	24	1	57.5	58.8	66	1.3	15	----	58.8	0.0	8	-8.0
REC28	25	1	62.0	63.3	66	1.3	15	----	63.3	0.0	8	-8.0
REC29	26	1	51.5	52.9	66	1.4	15	----	52.9	0.0	8	-8.0
REC32	27	1	62.9	62.7	66	-0.2	15	----	62.7	0.0	8	-8.0
REC37	28	1	54.5	55.7	66	1.2	15	----	55.7	0.0	8	-8.0
A1	29	1	62.7	62.3	66	-0.4	15	----	62.3	0.0	8	-8.0

A2	30	1	63.8	63.4	66	-0.4	15	----	63.4	0.0	8	-8.0
A3	32	1	66.8	66.3	66	-0.5	15	Snd Lvl	66.3	0.0	8	-8.0
A5	34	1	68.4	67.9	66	-0.5	15	Snd Lvl	67.9	0.0	8	-8.0
A6	35	1	62.2	61.9	66	-0.3	15	----	61.9	0.0	8	-8.0
A7	36	1	58.2	58.0	66	-0.2	15	----	58.0	0.0	8	-8.0
A8	37	1	49.6	49.5	66	-0.1	15	----	49.5	0.0	8	-8.0
B1	38	1	64.7	64.3	66	-0.4	15	----	64.3	0.0	8	-8.0
B2	39	1	63.6	63.2	66	-0.4	15	----	63.2	0.0	8	-8.0
B3	40	1	61.0	60.6	66	-0.4	15	----	60.6	0.0	8	-8.0
B4	41	1	57.1	56.9	66	-0.2	15	----	56.9	0.0	8	-8.0
B5	42	1	54.5	54.5	66	0.0	15	----	54.5	0.0	8	-8.0
B6	43	1	52.6	52.6	66	0.0	15	----	52.6	0.0	8	-8.0
B7	44	1	51.0	51.1	66	0.1	15	----	51.1	0.0	8	-8.0
B8	45	1	45.9	46.2	66	0.3	15	----	46.2	0.0	8	-8.0
C1	46	1	70.0	71.0	66	1.0	15	Snd Lvl	71.0	0.0	8	-8.0
C2	47	1	67.6	68.6	66	1.0	15	Snd Lvl	68.6	0.0	8	-8.0
C3	48	1	63.8	64.8	66	1.0	15	----	64.8	0.0	8	-8.0
C4	49	1	58.7	59.9	66	1.2	15	----	59.9	0.0	8	-8.0
C5	50	1	55.3	56.5	66	1.2	15	----	56.5	0.0	8	-8.0
C6	51	1	52.9	54.2	66	1.3	15	----	54.2	0.0	8	-8.0
C7	52	1	51.1	52.5	66	1.4	15	----	52.5	0.0	8	-8.0
C8	53	1	45.3	46.7	66	1.4	15	----	46.7	0.0	8	-8.0
D1	54	1	58.9	60.0	66	1.1	15	----	60.0	0.0	8	-8.0
D2	55	1	58.4	59.5	66	1.1	15	----	59.5	0.0	8	-8.0
D3	56	1	57.4	58.4	66	1.0	15	----	58.4	0.0	8	-8.0
D4	57	1	55.6	56.7	66	1.1	15	----	56.7	0.0	8	-8.0
D5	58	1	54.1	55.2	66	1.1	15	----	55.2	0.0	8	-8.0
D6	59	1	52.9	54.0	66	1.1	15	----	54.0	0.0	8	-8.0
D7	60	1	51.8	52.8	66	1.0	15	----	52.8	0.0	8	-8.0
D8	61	1	48.1	49.1	66	1.0	15	----	49.1	0.0	8	-8.0
E1	62	1	71.1	71.9	66	0.8	15	Snd Lvl	71.9	0.0	8	-8.0
E2	63	1	68.5	69.3	66	0.8	15	Snd Lvl	69.3	0.0	8	-8.0
E3	64	1	63.3	64.2	66	0.9	15	----	64.2	0.0	8	-8.0
E4	65	1	57.0	58.0	66	1.0	15	----	58.0	0.0	8	-8.0
E5	66	1	53.6	54.7	66	1.1	15	----	54.7	0.0	8	-8.0
E6	67	1	51.3	52.5	66	1.2	15	----	52.5	0.0	8	-8.0
E7	68	1	49.3	50.6	66	1.3	15	----	50.6	0.0	8	-8.0
E8	69	1	43.5	45.0	66	1.5	15	----	45.0	0.0	8	-8.0
F1	70	1	54.7	55.6	66	0.9	15	----	55.6	0.0	8	-8.0
F2	71	1	54.2	55.2	66	1.0	15	----	55.2	0.0	8	-8.0

F3	72	1	53.2	54.2	66	1.0	15	----	54.2	0.0	8	-8.0
F4	73	1	51.7	52.7	66	1.0	15	----	52.7	0.0	8	-8.0
F5	74	1	49.0	50.2	66	1.2	15	----	50.2	0.0	8	-8.0
F6	75	1	47.8	49.0	66	1.2	15	----	49.0	0.0	8	-8.0
F7	76	1	46.9	48.1	66	1.2	15	----	48.1	0.0	8	-8.0
F8	77	1	41.8	43.3	66	1.5	15	----	43.3	0.0	8	-8.0
G1	78	1	60.3	61.4	66	1.1	15	----	61.4	0.0	8	-8.0
G3	80	1	60.1	61.2	66	1.1	15	----	61.2	0.0	8	-8.0
G4	81	1	57.2	58.2	66	1.0	15	----	58.2	0.0	8	-8.0
G5	82	1	54.7	55.7	66	1.0	15	----	55.7	0.0	8	-8.0
G6	83	1	52.1	53.2	66	1.1	15	----	53.2	0.0	8	-8.0
G7	84	1	50.0	51.2	66	1.2	15	----	51.2	0.0	8	-8.0
G8	85	1	44.7	46.0	66	1.3	15	----	46.0	0.0	8	-8.0
H1	86	1	57.9	58.9	66	1.0	15	----	58.9	0.0	8	-8.0
H2	87	1	57.3	58.4	66	1.1	15	----	58.4	0.0	8	-8.0
H3	88	1	56.2	57.3	66	1.1	15	----	57.3	0.0	8	-8.0
H4	89	1	54.2	55.2	66	1.0	15	----	55.2	0.0	8	-8.0
H5	90	1	52.5	53.6	66	1.1	15	----	53.6	0.0	8	-8.0
H6	91	1	51.3	52.3	66	1.0	15	----	52.3	0.0	8	-8.0
H7	92	1	50.1	51.2	66	1.1	15	----	51.2	0.0	8	-8.0
H8	93	1	43.6	45.0	66	1.4	15	----	45.0	0.0	8	-8.0
I1	94	1	60.7	61.7	66	1.0	15	----	61.7	0.0	8	-8.0
I2	95	1	60.0	60.9	66	0.9	15	----	60.9	0.0	8	-8.0
I3	96	1	58.4	59.3	66	0.9	15	----	59.3	0.0	8	-8.0
I4	97	1	55.3	56.3	66	1.0	15	----	56.3	0.0	8	-8.0
I5	98	1	52.5	53.6	66	1.1	15	----	53.6	0.0	8	-8.0
I6	99	1	50.8	51.9	66	1.1	15	----	51.9	0.0	8	-8.0
I7	100	1	49.2	50.4	66	1.2	15	----	50.4	0.0	8	-8.0
I8	101	1	43.1	44.6	66	1.5	15	----	44.6	0.0	8	-8.0
J1	102	1	69.3	71.3	66	2.0	15	Snd Lvl	71.3	0.0	8	-8.0
J2	103	1	67.8	69.8	66	2.0	15	Snd Lvl	69.8	0.0	8	-8.0
J3	104	1	64.5	66.5	66	2.0	15	Snd Lvl	66.5	0.0	8	-8.0
J4	105	1	59.4	61.4	66	2.0	15	----	61.4	0.0	8	-8.0
J5	106	1	56.0	58.0	66	2.0	15	----	58.0	0.0	8	-8.0
J6	107	1	53.1	55.1	66	2.0	15	----	55.1	0.0	8	-8.0
J7	108	1	50.9	52.9	66	2.0	15	----	52.9	0.0	8	-8.0
J8	109	1	44.3	46.3	66	2.0	15	----	46.3	0.0	8	-8.0
K1	110	1	67.8	67.7	66	-0.1	15	Snd Lvl	67.7	0.0	8	-8.0
K2	111	1	65.6	65.4	66	-0.2	15	----	65.4	0.0	8	-8.0
K3	112	1	61.8	61.7	66	-0.1	15	----	61.7	0.0	8	-8.0

K4	113	1	57.3	57.3	66	0.0	15	----	57.3	0.0	8	-8.0
K5	114	1	54.3	54.4	66	0.1	15	----	54.4	0.0	8	-8.0
K6	115	1	52.3	52.4	66	0.1	15	----	52.4	0.0	8	-8.0
K7	116	1	50.6	50.7	66	0.1	15	----	50.7	0.0	8	-8.0
K8	117	1	45.1	45.4	66	0.3	15	----	45.4	0.0	8	-8.0
L2	119	1	70.0	69.8	66	-0.2	15	Snd Lvl	69.8	0.0	8	-8.0
L3	120	1	65.1	64.8	66	-0.3	15	----	64.8	0.0	8	-8.0
L4	121	1	59.9	59.7	66	-0.2	15	----	59.7	0.0	8	-8.0
L5	122	1	56.5	56.4	66	-0.1	15	----	56.4	0.0	8	-8.0
L6	123	1	53.9	53.8	66	-0.1	15	----	53.8	0.0	8	-8.0
L7	124	1	51.6	51.5	66	-0.1	15	----	51.5	0.0	8	-8.0
L8	125	1	45.1	45.3	66	0.2	15	----	45.3	0.0	8	-8.0
M1	126	1	66.9	66.7	66	-0.2	15	Snd Lvl	66.7	0.0	8	-8.0
M3	128	1	65.3	65.1	66	-0.2	15	----	65.1	0.0	8	-8.0
M4	129	1	60.3	60.1	66	-0.2	15	----	60.1	0.0	8	-8.0
M5	130	1	56.4	56.3	66	-0.1	15	----	56.3	0.0	8	-8.0
M6	131	1	53.9	53.9	66	0.0	15	----	53.9	0.0	8	-8.0
M7	132	1	52.3	52.3	66	0.0	15	----	52.3	0.0	8	-8.0
M8	133	1	45.1	45.5	66	0.4	15	----	45.5	0.0	8	-8.0
N1	134	1	54.5	55.6	66	1.1	15	----	55.6	0.0	8	-8.0
N2	135	1	53.8	54.9	66	1.1	15	----	54.9	0.0	8	-8.0
N3	136	1	52.3	53.5	66	1.2	15	----	53.5	0.0	8	-8.0
N4	137	1	50.1	51.4	66	1.3	15	----	51.4	0.0	8	-8.0
N5	138	1	48.5	49.8	66	1.3	15	----	49.8	0.0	8	-8.0
N6	139	1	47.1	48.5	66	1.4	15	----	48.5	0.0	8	-8.0
N7	140	1	45.9	47.3	66	1.4	15	----	47.3	0.0	8	-8.0
N8	141	1	42.3	43.8	66	1.5	15	----	43.8	0.0	8	-8.0
O1	142	1	60.5	61.7	66	1.2	15	----	61.7	0.0	8	-8.0
O2	143	1	59.3	60.6	66	1.3	15	----	60.6	0.0	8	-8.0
O3	144	1	57.4	58.7	66	1.3	15	----	58.7	0.0	8	-8.0
O4	145	1	54.3	55.7	66	1.4	15	----	55.7	0.0	8	-8.0
O5	146	1	52.1	53.6	66	1.5	15	----	53.6	0.0	8	-8.0
O6	147	1	50.4	51.8	66	1.4	15	----	51.8	0.0	8	-8.0
O7	148	1	48.9	50.4	66	1.5	15	----	50.4	0.0	8	-8.0
O8	149	1	44.1	45.6	66	1.5	15	----	45.6	0.0	8	-8.0
P1	150	1	66.5	68.5	66	2.0	15	Snd Lvl	68.5	0.0	8	-8.0
P2	151	1	65.3	67.3	66	2.0	15	Snd Lvl	67.3	0.0	8	-8.0
P3	152	1	62.4	64.4	66	2.0	15	----	64.4	0.0	8	-8.0
P4	153	1	58.9	61.0	66	2.1	15	----	61.0	0.0	8	-8.0
P5	154	1	55.6	57.6	66	2.0	15	----	57.6	0.0	8	-8.0

P6	155	1	53.2	55.2	66	2.0	15	----	55.2	0.0	8	-8.0
P7	156	1	51.3	53.3	66	2.0	15	----	53.3	0.0	8	-8.0
P8	157	1	45.3	47.4	66	2.1	15	----	47.4	0.0	8	-8.0
Q1	158	1	66.9	68.9	66	2.0	15	Snd Lvl	68.9	0.0	8	-8.0
Q2	159	1	65.5	67.5	66	2.0	15	Snd Lvl	67.5	0.0	8	-8.0
Q3	160	1	62.2	64.3	66	2.1	15	----	64.3	0.0	8	-8.0
Q4	161	1	57.5	59.6	66	2.1	15	----	59.6	0.0	8	-8.0
Q5.	162	1	54.9	57.0	66	2.1	15	----	57.0	0.0	8	-8.0
Q6	163	1	51.7	53.7	66	2.0	15	----	53.7	0.0	8	-8.0
Q7	164	1	50.1	52.1	66	2.0	15	----	52.1	0.0	8	-8.0
Q8	165	1	44.9	46.9	66	2.0	15	----	46.9	0.0	8	-8.0
REC39	167	1	55.1	56.2	66	1.1	15	----	56.2	0.0	8	-8.0
REC40	168	1	62.2	63.2	66	1.0	15	----	63.2	0.0	8	-8.0
REC41	169	1	55.2	56.4	66	1.2	15	----	56.4	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	157	0.0	0.0	0.0
All Impacted	16	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

SEH
Josh

28 July 2005
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: USH 8
RUN: SEG 1A
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 LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
REC1	1	1	58.5	57.8	66	-0.7	15	----	57.8	0.0	8	-8.0
REC2	2	1	64.4	48.4	66	-16.0	15	----	48.4	0.0	8	-8.0
REC5	3	1	56.4	51.3	66	-5.1	15	----	51.3	0.0	8	-8.0
REC6	4	1	48.7	58.2	66	9.5	15	----	58.2	0.0	8	-8.0
REC7	5	1	50.3	52.7	66	2.4	15	----	52.7	0.0	8	-8.0
REC8	6	1	59.8	62.4	66	2.6	15	----	62.4	0.0	8	-8.0
A1	7	1	62.7	48.7	66	-14.0	15	----	48.7	0.0	8	-8.0
A2	8	1	63.8	48.6	66	-15.2	15	----	48.6	0.0	8	-8.0
A3	9	1	66.8	48.2	66	-18.6	15	----	48.2	0.0	8	-8.0
A4	10	1	0.0	47.4	66	47.4	15	----	47.4	0.0	8	-8.0
A5	11	1	68.4	46.6	66	-21.8	15	----	46.6	0.0	8	-8.0
A6	12	1	62.2	46.0	66	-16.2	15	----	46.0	0.0	8	-8.0
A7	13	1	58.2	45.6	66	-12.6	15	----	45.6	0.0	8	-8.0
A8	14	1	49.6	43.1	66	-6.5	15	----	43.1	0.0	8	-8.0
B1	15	1	64.7	71.6	66	6.9	15	Snd Lvl	71.6	0.0	8	-8.0
B2	16	1	63.6	69.8	66	6.2	15	Snd Lvl	69.8	0.0	8	-8.0
B3	17	1	61.0	66.3	66	5.3	15	Snd Lvl	66.3	0.0	8	-8.0
B4	18	1	57.1	60.3	66	3.2	15	----	60.3	0.0	8	-8.0
B5	19	1	54.5	56.6	66	2.1	15	----	56.6	0.0	8	-8.0
B6	20	1	52.6	54.5	66	1.9	15	----	54.5	0.0	8	-8.0
B7	21	1	51.0	52.7	66	1.7	15	----	52.7	0.0	8	-8.0
B8	22	1	45.9	46.8	66	0.9	15	----	46.8	0.0	8	-8.0
C1	23	1	70.0	71.6	66	1.6	15	Snd Lvl	71.6	0.0	8	-8.0

C2	24	1	67.6	69.9	66	2.3	15	Snd Lvl	69.9	0.0	8	-8.0
C3	25	1	63.8	66.2	66	2.4	15	Snd Lvl	66.2	0.0	8	-8.0
C4	26	1	58.7	60.1	66	1.4	15	----	60.1	0.0	8	-8.0
C5	27	1	55.3	56.5	66	1.2	15	----	56.5	0.0	8	-8.0
C6	28	1	52.9	54.1	66	1.2	15	----	54.1	0.0	8	-8.0
C7	29	1	51.1	52.4	66	1.3	15	----	52.4	0.0	8	-8.0
C8	30	1	45.3	47.5	66	2.2	15	----	47.5	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	30	0.0	0.0	0.0
All Impacted	6	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

SEH
Josh

28 July 2005
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: USH 8
RUN: SEG 1A
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 LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
REC1	1	1	58.5	55.0	66	-3.5	15	----	55.0	0.0	8	-8.0
REC2	2	1	64.4	68.8	66	4.4	15	Snd Lvl	68.8	0.0	8	-8.0
REC4	3	1	39.7	49.2	66	9.5	15	----	49.2	0.0	8	-8.0
REC6	4	1	48.7	64.9	66	16.2	15	Sub'l Inc	64.9	0.0	8	-8.0
REC7	5	1	50.3	70.0	66	19.7	15	Both	70.0	0.0	8	-8.0
REC8	6	1	59.8	53.8	66	-6.0	15	----	53.8	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	6	0.0	0.0	0.0
All Impacted	3	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

SEH
Josh

28 July 2005
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: USH 8
RUN: SEG 1A
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 LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
REC1	1	1	58.5	57.3	66	-1.2	15	----	57.3	0.0	8	-8.0
REC3	2	1	48.8	53.5	66	4.7	15	----	53.5	0.0	8	-8.0
REC4	3	1	39.7	47.6	66	7.9	15	----	47.6	0.0	8	-8.0
REC7	4	1	50.3	53.2	66	2.9	15	----	53.2	0.0	8	-8.0
REC8	5	1	59.8	62.5	66	2.7	15	----	62.5	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	5	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

SEH
Josh

22 July 2004
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: USH 8
RUN: SEG 1A
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 LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
REC9	1	1	55.2	58.4	66	3.2	15	----	58.4	0.0	8	-8.0
REC10	2	1	55.6	57.5	66	1.9	15	----	57.5	0.0	8	-8.0
D1	3	1	58.9	71.3	66	12.4	15	Snd Lvl	71.3	0.0	8	-8.0
D2	4	1	58.4	69.0	66	10.6	15	Snd Lvl	69.0	0.0	8	-8.0
D3	5	1	57.4	65.2	66	7.8	15	----	65.2	0.0	8	-8.0
D4	6	1	55.6	60.7	66	5.1	15	----	60.7	0.0	8	-8.0
D5	7	1	54.1	57.9	66	3.8	15	----	57.9	0.0	8	-8.0
D6	8	1	52.9	56.0	66	3.1	15	----	56.0	0.0	8	-8.0
D7	9	1	51.8	54.3	66	2.5	15	----	54.3	0.0	8	-8.0
D8	10	1	48.1	48.6	66	0.5	15	----	48.6	0.0	8	-8.0
E1	11	1	71.1	71.1	66	0.0	15	Snd Lvl	71.1	0.0	8	-8.0
E2	12	1	68.5	69.2	66	0.7	15	Snd Lvl	69.2	0.0	8	-8.0
E3	13	1	63.3	65.6	66	2.3	15	----	65.6	0.0	8	-8.0
E4	14	1	57.0	59.4	66	2.4	15	----	59.4	0.0	8	-8.0
E5	15	1	53.6	55.8	66	2.2	15	----	55.8	0.0	8	-8.0
E6	16	1	51.3	53.3	66	2.0	15	----	53.3	0.0	8	-8.0
E7	17	1	49.3	51.5	66	2.2	15	----	51.5	0.0	8	-8.0
E8	18	1	43.5	46.4	66	2.9	15	----	46.4	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	18	0.0	0.0	0.0
All Impacted	4	0.0	0.0	0.0

SEH
Josh

22 July 2004
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: USH 8
RUN: SEG 1A
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	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
REC14	1	1	52.9	58.4	66	5.5	15	----	58.4	0.0	8	-8.0
REC15	2	1	58.9	68.5	66	9.6	15	Snd Lvl	68.5	0.0	8	-8.0
F1	3	1	54.7	70.6	66	15.9	15	Both	70.6	0.0	8	-8.0
F2	4	1	54.2	68.9	66	14.7	15	Snd Lvl	68.9	0.0	8	-8.0
F3	5	1	53.2	65.3	66	12.1	15	----	65.3	0.0	8	-8.0
F4	6	1	51.7	59.3	66	7.6	15	----	59.3	0.0	8	-8.0
F5	7	1	49.0	55.7	66	6.7	15	----	55.7	0.0	8	-8.0
F6	8	1	47.8	53.2	66	5.4	15	----	53.2	0.0	8	-8.0
F7	9	1	46.9	51.3	66	4.4	15	----	51.3	0.0	8	-8.0
F8	10	1	41.8	46.1	66	4.3	15	----	46.1	0.0	8	-8.0
G1	11	1	60.3	70.7	66	10.4	15	Snd Lvl	70.7	0.0	8	-8.0
G2	12	1	0.0	69.0	66	69.0	15	Snd Lvl	69.0	0.0	8	-8.0
G3	13	1	60.1	65.4	66	5.3	15	----	65.4	0.0	8	-8.0
G4	14	1	57.2	59.3	66	2.1	15	----	59.3	0.0	8	-8.0
G5	15	1	54.7	55.7	66	1.0	15	----	55.7	0.0	8	-8.0
G6	16	1	52.1	53.2	66	1.1	15	----	53.2	0.0	8	-8.0
G7	17	1	50.0	51.3	66	1.3	15	----	51.3	0.0	8	-8.0
G8	18	1	44.7	46.3	66	1.6	15	----	46.3	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	18	0.0	0.0	0.0
All Impacted	5	0.0	0.0	0.0

All that meet NR Goal	0	0.0	0.0	0.0

SEH
Josh

23 July 2004
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: USH 8
RUN: SEG 1A
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 LAeq1h	No Barrier					With Barrier			
				LAeq1h		Increase over existing		Type	Calculated	Noise Reduction		
				Calculated	Crit'n	Calculated	Crit'n Sub'l Inc	Impact	LAeq1h	Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
REC15	1	1	58.9	58.1	66	-0.8	15	----	58.1	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	1	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

SEH
Josh

28 July 2005
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: USH 8
RUN: SEG 1A
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 LAeq1h	No Barrier					With Barrier			
				LAeq1h		Increase over existing		Type	Calculated	Noise Reduction		
				Calculated	Crit'n	Calculated	Crit'n Sub'l Inc	Impact	LAeq1h	Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
REC11	1	1	46.0	46.2	66	0.2	15	----	46.2	0.0	8	-8.0
REC12	2	1	46.4	51.1	66	4.7	15	----	51.1	0.0	8	-8.0
REC13	3	1	58.8	53.6	66	-5.2	15	----	53.6	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	3	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

SEH
Josh

23 July 2004
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: USH 8
RUN: SEG 1A
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 LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
REC16	1	1	56.4	60.3	66	3.9	15	----	60.3	0.0	8	-8.0
REC17	2	1	58.6	65.4	66	6.8	15	----	65.4	0.0	8	-8.0
H1	3	1	57.9	70.7	66	12.8	15	Snd Lvl	70.7	0.0	8	-8.0
H2	4	1	57.3	68.9	66	11.6	15	Snd Lvl	68.9	0.0	8	-8.0
H3	5	1	56.2	65.3	66	9.1	15	----	65.3	0.0	8	-8.0
H4	6	1	54.2	59.1	66	4.9	15	----	59.1	0.0	8	-8.0
H5	7	1	52.5	55.6	66	3.1	15	----	55.6	0.0	8	-8.0
H6	8	1	51.3	53.1	66	1.8	15	----	53.1	0.0	8	-8.0
H7	9	1	50.1	51.2	66	1.1	15	----	51.2	0.0	8	-8.0
H8	10	1	43.6	46.1	66	2.5	15	----	46.1	0.0	8	-8.0
I1	11	1	60.7	70.8	66	10.1	15	Snd Lvl	70.8	0.0	8	-8.0
I2	12	1	60.0	69.0	66	9.0	15	Snd Lvl	69.0	0.0	8	-8.0
I3	13	1	58.4	65.4	66	7.0	15	----	65.4	0.0	8	-8.0
I4	14	1	55.3	59.3	66	4.0	15	----	59.3	0.0	8	-8.0
I5	15	1	52.5	55.9	66	3.4	15	----	55.9	0.0	8	-8.0
I6	16	1	50.8	53.6	66	2.8	15	----	53.6	0.0	8	-8.0
I7	17	1	49.2	52.3	66	3.1	15	----	52.3	0.0	8	-8.0
I8	18	1	43.1	46.3	66	3.2	15	----	46.3	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	18	0.0	0.0	0.0
All Impacted	4	0.0	0.0	0.0

RESULTS: SOUND LEVELS **USH 8**

All that meet NR Goal	0	0.0	0.0	0.0

SEH
Josh

28 July 2005
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: USH 8
RUN: SEG 1A
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 LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
REC16	1	1	56.4	60.3	66	3.9	15	----	60.3	0.0	8	-8.0
REC17	2	1	58.6	51.5	66	-7.1	15	----	51.5	0.0	8	-8.0
H1	3	1	57.9	70.7	66	12.8	15	Snd Lvl	70.7	0.0	8	-8.0
H2	4	1	57.3	68.9	66	11.6	15	Snd Lvl	68.9	0.0	8	-8.0
H3	5	1	56.2	65.3	66	9.1	15	----	65.3	0.0	8	-8.0
H4	6	1	54.2	59.1	66	4.9	15	----	59.1	0.0	8	-8.0
H5	7	1	52.5	55.5	66	3.0	15	----	55.5	0.0	8	-8.0
H6	8	1	51.3	53.1	66	1.8	15	----	53.1	0.0	8	-8.0
H7	9	1	50.1	51.3	66	1.2	15	----	51.3	0.0	8	-8.0
H8	10	1	43.6	46.2	66	2.6	15	----	46.2	0.0	8	-8.0
I1	11	1	60.7	67.7	66	7.0	15	Snd Lvl	67.7	0.0	8	-8.0
I2	12	1	60.0	66.5	66	6.5	15	Snd Lvl	66.5	0.0	8	-8.0
I3	13	1	58.4	62.9	66	4.5	15	----	62.9	0.0	8	-8.0
I4	14	1	55.3	58.1	66	2.8	15	----	58.1	0.0	8	-8.0
I5	15	1	52.5	55.1	66	2.6	15	----	55.1	0.0	8	-8.0
I6	16	1	50.8	52.8	66	2.0	15	----	52.8	0.0	8	-8.0
I7	17	1	49.2	51.6	66	2.4	15	----	51.6	0.0	8	-8.0
I8	18	1	43.1	45.7	66	2.6	15	----	45.7	0.0	8	-8.0
REC42	20	1	54.2	51.0	66	-3.2	10	----	51.0	0.0	8	-8.0
REC43	21	1	54.7	52.0	66	-2.7	10	----	52.0	0.0	8	-8.0
REC44	22	1	49.0	53.9	66	4.9	10	----	53.9	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max

RESULTS: SOUND LEVELS **USH 8**

		dB	dB	dB
All Selected	21	0.0	0.0	0.0
All Impacted	4	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

SEH
Josh

28 July 2005
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: USH 8
RUN: SEG 1A
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 LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
REC18	1	1	50.8	57.7	66	6.9	15	----	57.7	0.0	8	-8.0
REC19	2	1	38.0	38.6	66	0.6	15	----	38.6	0.0	8	-8.0
REC22	3	1	51.3	49.8	66	-1.5	15	----	49.8	0.0	8	-8.0
REC24	4	1	46.6	53.2	66	6.6	15	----	53.2	0.0	8	-8.0
REC26	5	1	59.2	49.1	66	-10.1	15	----	49.1	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	5	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

SEH
Josh

28 July 2005
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: USH 8
RUN: SEG 1A
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 LAeq1h	No Barrier					With Barrier			
				LAeq1h		Increase over existing		Type	Calculated	Noise Reduction		
				Calculated	Crit'n	Calculated	Crit'n Sub'l Inc	Impact	LAeq1h	Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
REC18	1	1	50.8	57.6	66	6.8	15	----	57.6	0.0	8	-8.0
REC19	2	1	38.0	38.4	66	0.4	15	----	38.4	0.0	8	-8.0
REC22	3	1	51.3	49.8	66	-1.5	15	----	49.8	0.0	8	-8.0
REC25	4	1	44.3	53.5	66	9.2	15	----	53.5	0.0	8	-8.0

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

SEH
Josh

28 July 2005
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: USH 8
RUN: SEG 1A
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 LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
REC18	1	1	50.8	53.9	66	3.1	15	----	53.9	0.0	8	-8.0
REC19	2	1	38.0	53.8	66	15.8	15	Sub'l Inc	53.8	0.0	8	-8.0
REC20	3	1	42.3	49.4	66	7.1	15	----	49.4	0.0	8	-8.0
REC23	4	1	54.2	55.9	66	1.7	15	----	55.9	0.0	8	-8.0
REC26	5	1	59.2	49.1	66	-10.1	15	----	49.1	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	5	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

SEH
Josh

28 July 2005
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: USH 8
RUN: SEG 1A
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 LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
REC18	1	1	50.8	53.5	66	2.7	15	----	53.5	0.0	8	-8.0
REC19	2	1	38.0	39.6	66	1.6	15	----	39.6	0.0	8	-8.0
REC21	3	1	58.6	62.3	66	3.7	15	----	62.3	0.0	8	-8.0
REC23	4	1	54.2	55.1	66	0.9	15	----	55.1	0.0	8	-8.0
REC26	5	1	59.2	49.1	66	-10.1	15	----	49.1	0.0	8	-8.0
J1	6	1	69.3	69.4	66	0.1	15	Snd Lvl	69.4	0.0	8	-8.0
J2	7	1	67.8	68.7	66	0.9	15	Snd Lvl	68.7	0.0	8	-8.0
J3	8	1	64.5	65.7	66	1.2	15	----	65.7	0.0	8	-8.0
J4	9	1	59.4	60.7	66	1.3	15	----	60.7	0.0	8	-8.0
J5	10	1	56.0	57.7	66	1.7	15	----	57.7	0.0	8	-8.0
J6	11	1	53.1	55.4	66	2.3	15	----	55.4	0.0	8	-8.0
J7	12	1	50.9	53.5	66	2.6	15	----	53.5	0.0	8	-8.0
J8	13	1	44.3	48.3	66	4.0	15	----	48.3	0.0	8	-8.0
K1	14	1	67.8	70.3	66	2.5	15	Snd Lvl	70.3	0.0	8	-8.0
K2	15	1	65.6	68.5	66	2.9	15	Snd Lvl	68.5	0.0	8	-8.0
K3	16	1	61.8	64.9	66	3.1	15	----	64.9	0.0	8	-8.0
K4	17	1	57.4	58.9	66	1.5	15	----	58.9	0.0	8	-8.0
K5	18	1	54.3	55.4	66	1.1	15	----	55.4	0.0	8	-8.0
K6	19	1	52.3	53.0	66	0.7	15	----	53.0	0.0	8	-8.0
K7	20	1	50.6	51.3	66	0.7	15	----	51.3	0.0	8	-8.0
K8	21	1	45.1	45.9	66	0.8	15	----	45.9	0.0	8	-8.0
L1	22	1	0.0	64.4	66	64.4	15	----	64.4	0.0	8	-8.0
L2	23	1	70.0	63.2	66	-6.8	15	----	63.2	0.0	8	-8.0

L3	24	1	65.1	61.2	66	-3.9	15	----	61.2	0.0	8	-8.0
L4	25	1	59.9	58.1	66	-1.8	15	----	58.1	0.0	8	-8.0
L5	26	1	56.5	55.8	66	-0.7	15	----	55.8	0.0	8	-8.0
L6	27	1	53.9	53.3	66	-0.6	15	----	53.3	0.0	8	-8.0
L7	28	1	51.6	51.5	66	-0.1	15	----	51.5	0.0	8	-8.0
L8	29	1	45.1	47.0	66	1.9	15	----	47.0	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	29	0.0	0.0	0.0
All Impacted	4	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

SEH
Josh

28 July 2005
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: USH 8
RUN: SEG 1A
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 LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
REC27	1	1	57.5	59.1	66	1.6	15	----	59.1	0.0	8	-8.0
REC28	2	1	62.0	61.0	66	-1.0	15	----	61.0	0.0	8	-8.0
REC29	3	1	51.5	57.2	66	5.7	15	----	57.2	0.0	8	-8.0
M1	4	1	66.9	70.0	66	3.1	15	Snd Lvl	70.0	0.0	8	-8.0
M2	5	1	0.0	68.2	66	68.2	15	Snd Lvl	68.2	0.0	8	-8.0
M3	6	1	65.3	64.6	66	-0.7	15	----	64.6	0.0	8	-8.0
M4	7	1	60.3	59.3	66	-1.0	15	----	59.3	0.0	8	-8.0
M5	8	1	56.4	56.5	66	0.1	15	----	56.5	0.0	8	-8.0
M6	9	1	53.9	54.2	66	0.3	15	----	54.2	0.0	8	-8.0
M7	10	1	52.3	52.5	66	0.2	15	----	52.5	0.0	8	-8.0
M8	11	1	45.1	47.3	66	2.2	15	----	47.3	0.0	8	-8.0
N1	12	1	54.5	71.9	66	17.4	15	Both	71.9	0.0	8	-8.0
N2	13	1	53.8	70.3	66	16.5	15	Both	70.3	0.0	8	-8.0
N3	14	1	52.3	67.2	66	14.9	15	Snd Lvl	67.2	0.0	8	-8.0
N4	15	1	50.1	60.9	66	10.8	15	----	60.9	0.0	8	-8.0
N5	16	1	48.5	57.4	66	8.9	15	----	57.4	0.0	8	-8.0
N6	17	1	47.1	54.9	66	7.8	15	----	54.9	0.0	8	-8.0
N7	18	1	45.9	53.0	66	7.1	15	----	53.0	0.0	8	-8.0
N8	19	1	42.3	47.6	66	5.3	15	----	47.6	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	19	0.0	0.0	0.0

RESULTS: SOUND LEVELS **USH 8**

All Impacted	5	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

SEH
Josh

28 July 2005
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: USH 8
RUN: SEG 1A
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 LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
REC27	1	1	57.5	59.1	66	1.6	15	----	59.1	0.0	8	-8.0
REC29	2	1	51.5	55.6	66	4.1	15	----	55.6	0.0	8	-8.0
REC30	3	1	49.5	60.2	66	10.7	15	----	60.2	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	3	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

SEH
Josh

28 July 2005
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: USH 8
RUN: SEG 1A
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 LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
REC32	1	1	62.9	56.3	66	-6.6	15	----	56.3	0.0	8	-8.0
REC35	2	1	38.2	54.2	66	16.0	15	Sub'l Inc	54.2	0.0	8	-8.0
REC38	3	1	53.7	51.0	66	-2.7	15	----	51.0	0.0	8	-8.0
REC39	5	1	55.1	49.1	66	-6.0	15	----	49.1	0.0	8	-8.0
REC40	6	1	62.2	48.1	66	-14.1	15	----	48.1	0.0	8	-8.0
REC41	7	1	55.2	49.9	66	-5.3	15	----	49.9	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	6	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

SEH
Josh

28 July 2005
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: USH 8
RUN: SEG 1A
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 LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
REC31	1	1	51.3	49.3	66	-2.0	15	----	49.3	0.0	8	-8.0
REC35	2	1	38.2	54.3	66	16.1	15	Sub'l Inc	54.3	0.0	8	-8.0
REC38	3	1	53.7	51.0	66	-2.7	15	----	51.0	0.0	8	-8.0
REC39	5	1	55.1	53.3	66	-1.8	15	----	53.3	0.0	8	-8.0
REC40	6	1	62.2	60.4	66	-1.8	15	----	60.4	0.0	8	-8.0
REC41	7	1	55.2	53.7	66	-1.5	15	----	53.7	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	6	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

SEH
Josh

28 July 2005
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: USH 8
RUN: SEG 1A
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 LAeq1h	No Barrier					With Barrier			
				LAeq1h		Increase over existing		Type	Calculated	Noise Reduction		
				Calculated	Crit'n	Calculated	Crit'n Sub'l Inc	Impact	LAeq1h	Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
REC33	1	1	49.7	56.3	66	6.6	15	----	56.3	0.0	8	-8.0
REC34	2	1	44.9	54.2	66	9.3	15	----	54.2	0.0	8	-8.0
REC36	3	1	43.8	55.3	66	11.5	15	----	55.3	0.0	8	-8.0
REC37	4	1	54.5	52.8	66	-1.7	15	----	52.8	0.0	8	-8.0
REC39	8	1	55.1	53.3	66	-1.8	15	----	53.3	0.0	8	-8.0
REC40	9	1	62.2	60.2	66	-2.0	15	----	60.2	0.0	8	-8.0
REC41	10	1	55.2	56.8	66	1.6	15	----	56.8	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	7	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

SEH
Josh

28 July 2005
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: USH 8
RUN: SEG 1A
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.

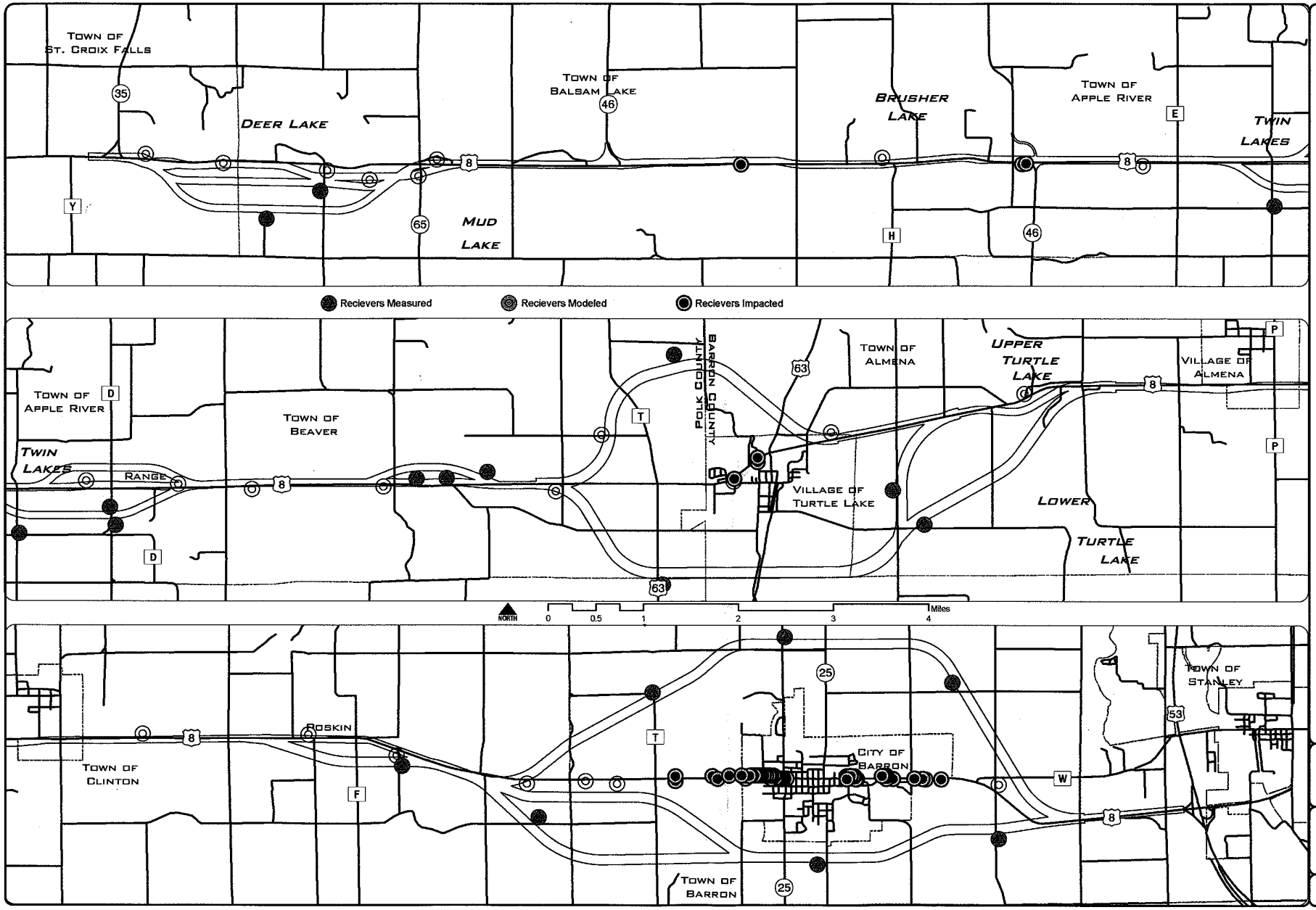
ATMOSPHERICS: 68 deg F, 50% RH

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
REC32	1	1	62.9	66.6	66	3.7	15	Snd Lvl	66.6	0.0	8	-8.0
REC37	2	1	54.5	57.2	66	2.7	15	----	57.2	0.0	8	-8.0
O1	3	1	60.5	71.7	66	11.2	15	Snd Lvl	71.7	0.0	8	-8.0
O2	4	1	59.3	70.1	66	10.8	15	Snd Lvl	70.1	0.0	8	-8.0
O3	5	1	57.4	66.5	66	9.1	15	Snd Lvl	66.5	0.0	8	-8.0
O4	6	1	54.3	60.2	66	5.9	15	----	60.2	0.0	8	-8.0
O5	7	1	52.1	56.5	66	4.4	15	----	56.5	0.0	8	-8.0
O6	8	1	50.4	54.0	66	3.6	15	----	54.0	0.0	8	-8.0
O7	9	1	48.9	52.0	66	3.1	15	----	52.0	0.0	8	-8.0
O8	10	1	44.1	46.8	66	2.7	15	----	46.8	0.0	8	-8.0
P1	11	1	66.5	66.1	66	-0.4	15	Snd Lvl	66.1	0.0	8	-8.0
P2	12	1	65.3	64.9	66	-0.4	15	----	64.9	0.0	8	-8.0
P3	13	1	62.4	63.1	66	0.7	15	----	63.1	0.0	8	-8.0
P4	14	1	58.9	59.5	66	0.6	15	----	59.5	0.0	8	-8.0
P5	15	1	55.6	56.6	66	1.0	15	----	56.6	0.0	8	-8.0
P6	16	1	53.2	55.0	66	1.8	15	----	55.0	0.0	8	-8.0
P7	17	1	51.3	53.6	66	2.3	15	----	53.6	0.0	8	-8.0
P8	18	1	45.5	47.4	66	1.9	15	----	47.4	0.0	8	-8.0
Q1	19	1	66.9	69.2	66	2.3	15	Snd Lvl	69.2	0.0	8	-8.0
Q2	20	1	65.5	67.6	66	2.1	15	Snd Lvl	67.6	0.0	8	-8.0
Q3	21	1	62.2	64.6	66	2.4	15	----	64.6	0.0	8	-8.0
Q4	22	1	57.5	58.6	66	1.1	15	----	58.6	0.0	8	-8.0
Q5	23	1	54.9	55.8	66	0.9	15	----	55.8	0.0	8	-8.0

Q6	24	1	51.7	53.6	66	1.9	15	----	53.6	0.0	8	-8.0
Q7	25	1	50.1	52.5	66	2.4	15	----	52.5	0.0	8	-8.0
Q8	26	1	44.9	47.1	66	2.2	15	----	47.1	0.0	8	-8.0
REC39	28	1	55.1	44.0	66	-11.1	15	----	44.0	0.0	8	-8.0
REC40	29	1	62.2	53.0	66	-9.2	15	----	53.0	0.0	8	-8.0
REC41	30	1	55.2	44.6	66	-10.6	15	----	44.6	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	29	0.0	0.0	0.0
All Impacted	7	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

Build Noise Recievers



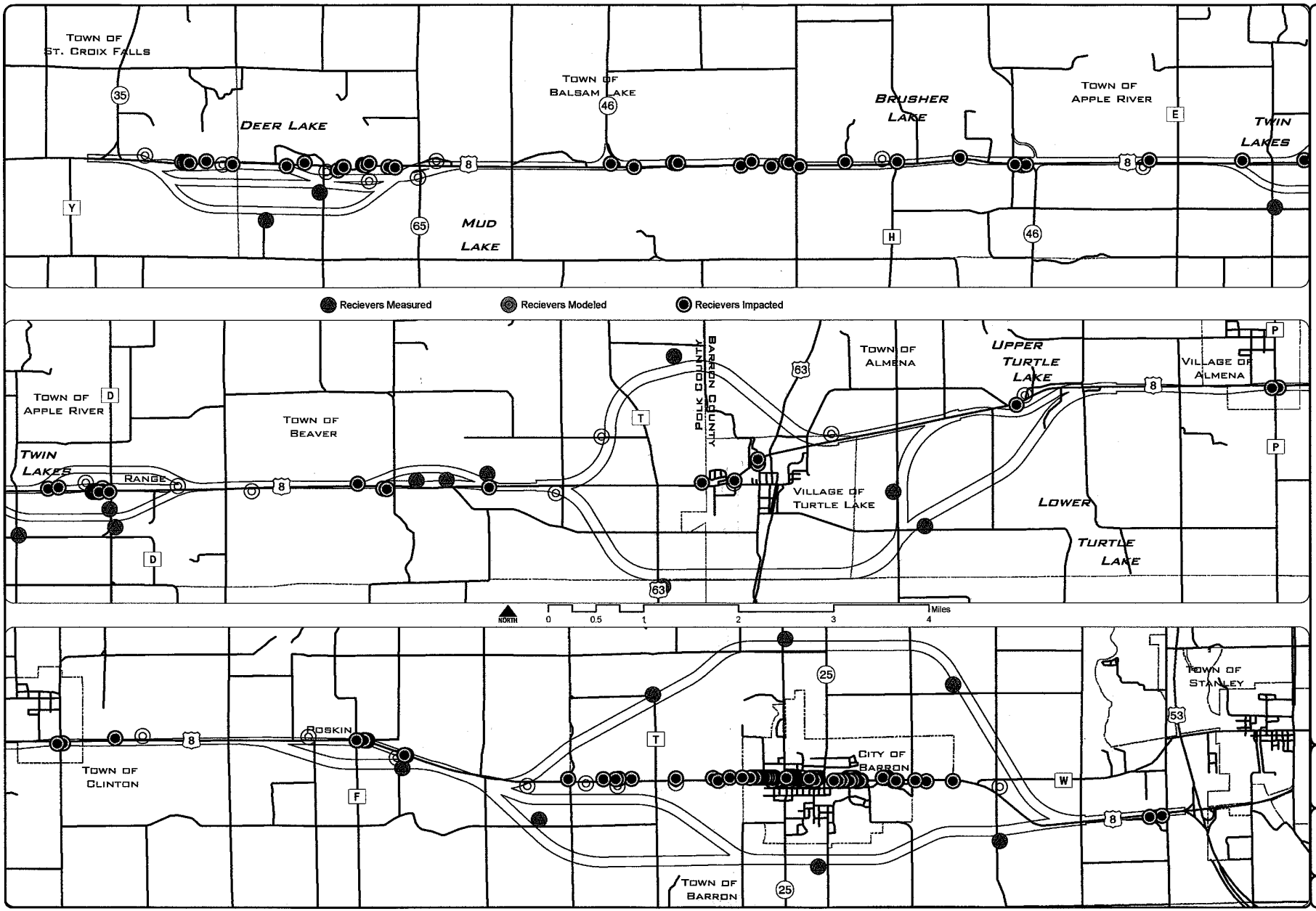
SEGMENT I THROUGH VII
WIS 35 (North) TO US 53

US 8
ENVIRONMENTAL IMPACT STATEMENT
PROJECT I.D. 1570-32-00
BUILD ALTERNATIVES - NOISE RECIEVERS

FIGURE NO.
2

PAGE NO.

No-Build Noise Recievers



SEGMENT I THROUGH VII
WIS 35 (North) TO US 53

US 8
ENVIRONMENTAL IMPACT STATEMENT
PROJECT I.D. 1570-32-00
NO-BUILD ALTERNATIVE - NOISE RECIEVERS

FIGURE NO.
2

PAGE NO.