APPENDIX H NOISE MEASUREMENTS: MEASURED NOISE LEVELS

This appendix contains additional details about the study's noise-measurements (Section 4, above). In particular, it contains:

- Spreadsheet pages with the results of all measured noise levels.

NYSTA Thruway-wide Prioritization Study
Binary file: 11B29102.B00
Converted 11/18/02 by J. Volk
HMMH Job No. 298550.003
Data Substituted 3/3/03

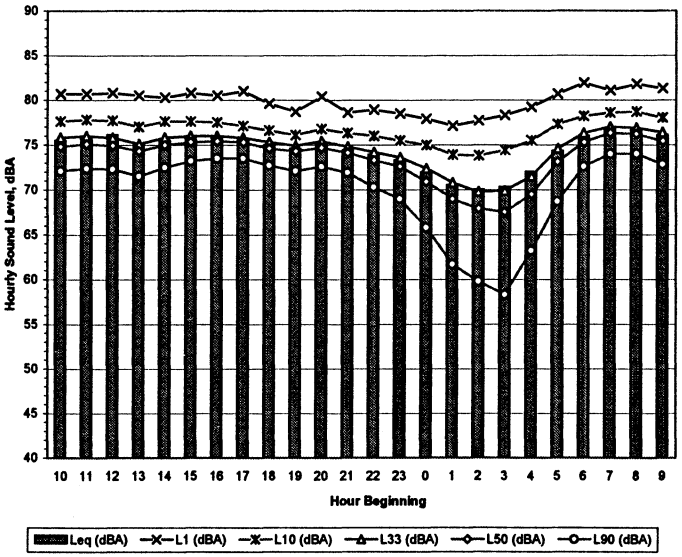
Assessment Area:	ML EXIT 1/SB/1
Ldn:	70.8 dBA
Loudest Hour Leq:	76.7 dBA
Ldn - Loudest Hour:	3.1 dB

24-Hour Measurement

Site 1, 11 Central Park Ave. South

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
10	10/17/02	10:00:00	3600.00	75.5	80.7	77.6	75.8	74.8	72.1	69.3
11	10/17/02	11:00:00	3600.00	75.7	80.7	77.8	76.0	75.1	72.4	69.3
12	10/17/02	12:00:00	3600.00	76.1	80.8	77.7	75.8	74.9	72.3	69.4
13	10/17/02	13:00:00	3600.00	74.9	80.5	77.0	75.1	74.3	71.5	69.3
14	10/17/02	14:00:00	3600.00	75.5	80.3	77.6	75.8	75.0	72.5	69.7
15	10/17/02	15:00:00	3600.00	75.8	80.8	77.6	76.0	75.3	73.2	71.1
16	10/17/02	16:00:00	3600.00	75.8	80.5	77.5	76.0	75.4	73.5	72.0
17	10/17/02	17:00:00	3600.00	75.7	81.0	77.1	75.8	75.3	73.5	72.0
18	10/17/02	18:00:00	3600.00	75.0	79.6	76.6	75.3	74.6	72.7	70.9
19	10/17/02	19:00:00	3600.00	74.6	78.7	76.1	74.9	74.3	72.1	69.7
20	10/17/02	20:00:00	3600.00	75.1	80.4	76.8	75.4	74.7	72.6	70.7
21	10/17/02	21:00:00	3600.00	74.4	78.6	76.3	74.8	74.1	71.9	69.6
22	10/17/02	22:00:00	3600.00	73.9	78.9	76.0	74.2	73.3	70.3	67.4
23	10/17/02	23:00:00	3600.00	73.3	78.5	75.5	73.6	72.6	69.0	65.5
0	10/18/02	00:00:00	3600.00	71.9	77.9	75.0	72.4	70.9	65.8	59.1
1	10/18/02	01:00:00	3600.00	70.5	77.1	73.9	70.8	69.0	61.7	52.9
2	10/18/02	02:00:00	3600.00	70.0	77.7	73.8	69.8	67.9	59.8	53.7
3	10/18/02	03:00:00	3600.00	70.3	78.3	74.4	69.9	67.5	58.3	50.6
4	10/18/02	04:00:00	3600.00	72.0	79.2	75.5	71.5	69.5	63.2	56.9
5	10/18/02	05:00:00	3600.00	74.3	80.7	77.3	74.6	73.1	68.7	64.0
6	10/18/02	06:00:00	3600.00	76.0	81.9	78.2	76.3	75.3	72.6	70.1
7	10/18/02	07:00:00	3600.00	76.7	81.1	78.6	77.0	76.3	74.0	71.7
8	10/18/02	08:00:00	3600.00	76.7	81.8	78.7	76.9	76.2	74.0	71.4
9	10/18/02	09:00:00	3600.00	76.1	81.3	78.0	76.4	75.4	72.8	70.3

Exit 1/SB/1, Site 1



Short-term Measurements

Site 2, 27 Highview Terr.

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/17/02	12:11	15	**64.4**	12	0.8	65.0	68.1
2	10/17/02	16:37	15	**64.7**	16	0.9	65.6	68.7

Site 3, Park playground

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/17/02	12:41	15	**72.9**	13	1.8	74.7	77.8
2	10/17/02	17:32	15	**74.5**	17	1.0	75.5	78.6
3	10/18/02	8:49	15	**73.8**	9	0.6	74.4	77.5

Site 4, 169 Forest Ave.

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/17/02	13:22	20	**62.1**	14	1.2	63.3	66.4
2	10/17/02	17:30	15	**60.9**	17	1.0	61.9	65.0

NYSTA Thruway-wide Prioritization Study
Binary file: 19B31902.B00
Converted 11/21/02 by J. Volk
HMMH Job No. 298550.003
Data Substituted 3/3/03

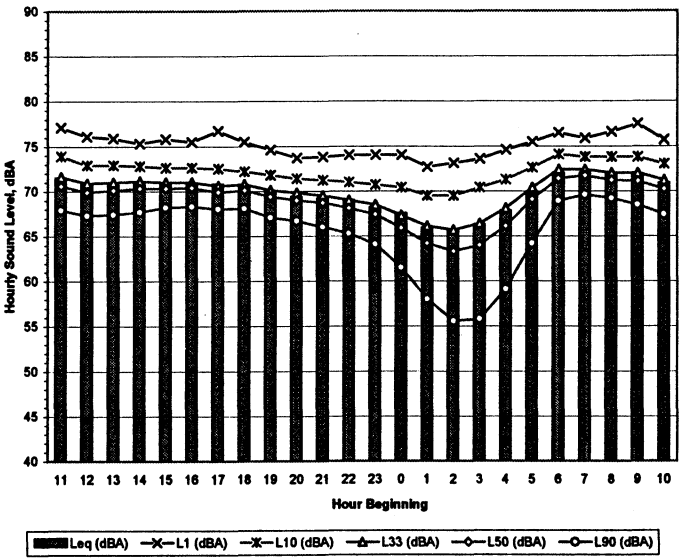
Assessment Area:	ML EXIT 1/NB/1
Ldn:	76.3 dBA
Loudest Hour Leq:	72.0 dBA
Ldn - Loudest Hour:	3.3 dB

24-Hour Measurement

Site 1, 13 Longmeadow

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
11	11/14/02	11:00:00	3600.00	71.5	77.1	73.9	71.6	70.6	67.9	65.5
12	11/14/02	12:00:00	3600.00	70.8	76.1	72.9	70.9	69.9	67.3	65.1
13	11/14/02	13:00:00	3600.00	70.7	75.9	72.9	71.0	70.1	67.4	65.3
14	11/14/02	14:00:00	3600.00	70.8	75.3	72.8	71.1	70.3	67.7	65.6
15	11/14/02	15:00:00	3600.00	70.8	75.8	72.6	71.0	70.3	68.2	66.6
16	11/14/02	16:00:00	3600.00	70.9	75.5	72.6	71.0	70.4	68.3	66.4
17	11/14/02	17:00:00	3600.00	70.8	76.7	72.5	70.6	69.9	68.0	66.0
18	11/14/02	18:00:00	3600.00	70.5	75.5	72.2	70.8	70.1	68.1	66.2
19	11/14/02	19:00:00	3600.00	70.0	74.6	71.8	70.1	69.4	67.1	64.7
20	11/14/02	20:00:00	3600.00	69.4	73.7	71.4	69.8	69.0	66.7	64.6
21	11/14/02	21:00:00	3600.00	69.2	73.8	71.2	69.5	68.7	66.0	62.5
22	11/14/02	22:00:00	3600.00	69.0	74.0	71.0	69.0	68.1	65.3	62.0
23	11/14/02	23:00:00	3600.00	68.2	74.0	70.7	68.5	67.4	64.1	60.7
0	11/15/02	00:00:00	3600.00	67.5	74.0	70.4	67.3	65.9	61.5	56.1
1	11/15/02	01:00:00	3600.00	65.9	72.7	69.5	66.1	64.2	58.0	49.3
2	11/15/02	02:00:00	3600.00	65.6	73.1	69.5	65.7	63.3	55.6	47.8
3	11/15/02	03:00:00	3600.00	66.3	73.6	70.4	66.4	64.0	55.8	48.1
4	11/15/02	04:00:00	3600.00	67.8	74.6	71.3	68.1	66.1	59.1	49.6
5	11/15/02	05:00:00	3600.00	69.9	75.5	72.6	70.4	69.1	64.2	57.9
6	11/15/02	06:00:00	3600.00	72.0	76.5	74.1	72.4	71.4	68.9	66.3
7	11/15/02	07:00:00	3600.00	72.0	75.9	73.8	72.4	71.7	69.6	68.1
8	11/15/02	08:00:00	3600.00	71.8	76.6	73.8	72.0	71.2	69.2	67.3
9	11/15/02	09:00:00	3600.00	71.9	77.5	73.8	72.0	71.1	68.5	66.3
10	11/15/02	10:00:00	3600.00	70.9	75.7	73.0	71.2	70.2	67.4	64.8

Exit 1/NB/1, Site 1



Short-term Measurements

Site 2, 14 Parkway North

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/14/02	12:14	15	**67.5**	12	4.2	68.7	72.0
2	11/15/02	9:43	15	**69.9**	9	0.1	70.0	73.3

Site 3, corner of Longmeadow /McLean apartments

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/14/02	14:07	15	**66.0**	14	2	67.2	70.5
2	11/15/02	10:11	20	**66.8**	10	1.1	67.9	71.2

Site 4, 207 W. Delano Ave.

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/14/02	14:32	15	**64.5**	14	2.2	66.7	69.0
2	11/15/02	10:46	15	**62.6**	10	1.1	63.7	67.0

NYSTA Thruway-wide Prioritization Study
Binary file: 22B29102.B00
Converted 11/18/02 by J. Volk
HMMH Job No. 298550.003
Data Substituted 3/3/03

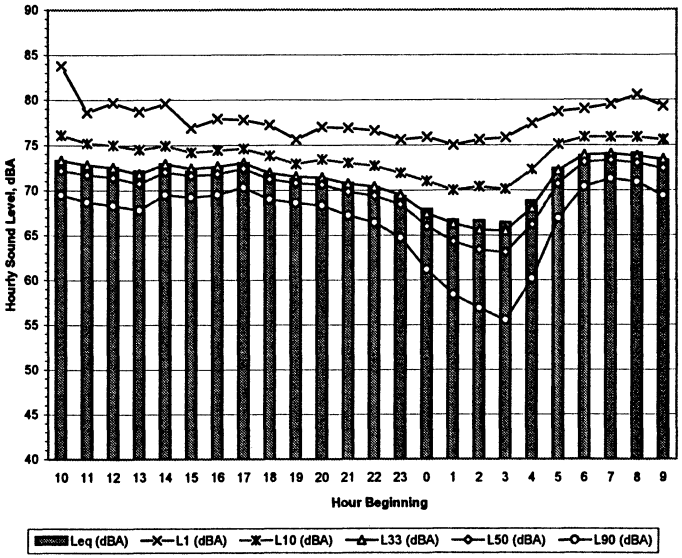
Assessment Area:	ML EXIT 2/SB/2	
Ldn:	76.5	dBA
Loudest Hour Leq:	74.1	dBA
Ldn - Loudest Hour:	2.7	dB

24-Hour Measurement

Site 1, 329 Central Park Ave. South

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
10	10/17/02	10:00:00	3600.00	73.3	83.8	76.1	73.3	72.2	69.5	67.1
11	10/17/02	11:00:00	3600.00	72.7	78.6	75.2	72.8	71.7	68.7	66.5
12	10/17/02	12:00:00	3600.00	72.5	79.7	75.0	72.5	71.4	68.3	65.9
13	10/17/02	13:00:00	3600.00	72.1	78.7	74.5	71.8	70.7	67.8	65.0
14	10/17/02	14:00:00	3600.00	72.9	79.6	74.9	72.9	72.0	69.5	67.7
15	10/17/02	15:00:00	3600.00	72.1	76.9	74.2	72.4	71.6	69.2	67.1
16	10/17/02	16:00:00	3600.00	72.5	77.9	74.4	72.6	71.8	69.5	67.7
17	10/17/02	17:00:00	3600.00	73.0	77.8	74.6	73.0	72.4	70.3	68.5
18	10/17/02	18:00:00	3600.00	71.8	77.2	73.8	71.9	71.2	69.0	66.8
19	10/17/02	19:00:00	3600.00	71.2	75.6	72.9	71.5	70.8	68.6	66.6
20	10/17/02	20:00:00	3600.00	71.3	77.0	73.4	71.4	70.6	68.3	66.2
21	10/17/02	21:00:00	3600.00	70.8	76.9	73.0	70.7	69.8	67.2	65.0
22	10/17/02	22:00:00	3600.00	70.3	76.6	72.7	70.4	69.4	66.4	63.2
23	10/17/02	23:00:00	3600.00	69.3	75.6	71.9	69.5	68.4	64.7	62.0
0	10/18/02	00:00:00	3600.00	67.9	75.9	71.0	67.4	66.0	61.2	57.5
1	10/18/02	01:00:00	3600.00	66.7	75.0	70.0	66.3	64.3	58.4	51.3
2	10/18/02	02:00:00	3600.00	66.6	75.6	70.4	65.6	63.4	56.9	50.7
3	10/18/02	03:00:00	3600.00	66.4	75.8	70.1	65.5	63.1	55.5	49.0
4	10/18/02	04:00:00	3600.00	68.8	77.4	72.3	68.0	66.2	60.2	53.4
5	10/18/02	05:00:00	3600.00	72.4	78.7	75.1	72.2	70.7	66.9	62.4
6	10/18/02	06:00:00	3600.00	73.8	79.0	75.9	73.9	73.1	70.4	68.1
7	10/18/02	07:00:00	3600.00	74.0	79.5	75.9	74.0	73.3	71.3	69.3
8	10/18/02	08:00:00	3600.00	74.1	80.6	75.9	73.8	73.0	70.9	69.1
9	10/18/02	09:00:00	3600.00	73.3	79.3	75.6	73.4	72.4	69.4	67.0

Exit 2/SB/2, Site 1



Short-term Measurements

Site 2, 41 St. John's Ave.

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/17/02	10:24	15	67.4	10	0.8	68.2	70.9
2	10/17/02	16:37	15	67.1	17	1.1	68.2	70.9

Site 3, Across 348 Wendover Rd.

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/17/02	11:12	15	63.4	11	1.4	64.8	67.5
2	10/17/02	15:45	15	65.0	16	1.8	66.8	69.3

Site 4, 42 Sunlight Hill

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/17/02	16:07	5	56.3	15	2.0	58.3	61.0
2	10/17/02	18:19	15	57.3	17	1.1	58.4	61.1

NYSTA Thruway-wide Prioritization Study
Binary file: 21B28902.B00
Converted 11/18/02 by J. Volk
HMMH Job No. 298550.003
Data Substituted 3/3/03

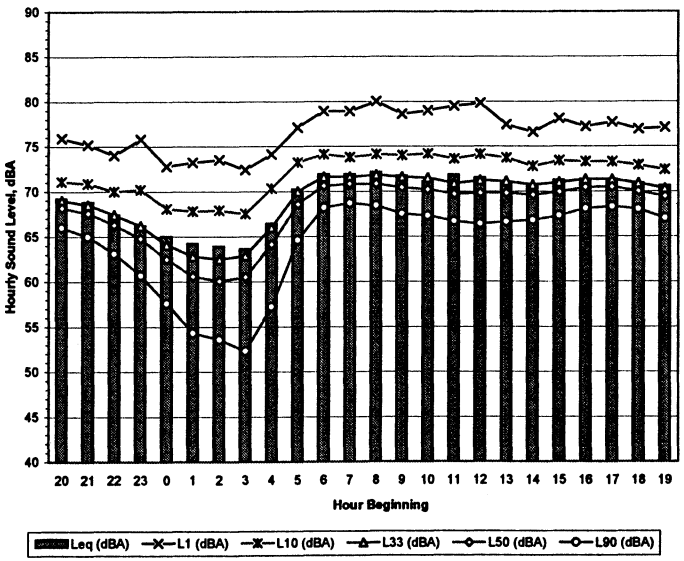
Assessment Area:	ML EXIT 2/SB/1
Ldn:	74.8 dBA
Loudest Hour Leq:	72.1 dBA
Ldn - Loudest Hour:	2.8 dB

24-Hour Measurement

Site 1, 417 Central Park Ave. South

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
20	10/14/02	20:00:00	3600.00	69.2	75.9	71.1	69.0	68.2	66.0	64.1
21	10/14/02	21:00:00	3600.00	68.8	75.2	70.9	68.5	67.6	65.0	62.8
22	10/14/02	22:00:00	3600.00	67.4	74.0	70.0	67.4	66.3	63.1	59.9
23	10/14/02	23:00:00	3600.00	66.2	75.8	70.2	66.2	64.8	60.7	56.8
0	10/15/02	00:00:00	3600.00	65.0	72.8	68.1	64.1	62.5	57.6	54.1
1	10/15/02	01:00:00	3600.00	64.2	73.2	67.8	62.8	60.6	54.3	51.2
2	10/15/02	02:00:00	3600.00	63.9	73.5	67.9	62.5	60.1	53.6	49.4
3	10/15/02	03:00:00	3600.00	63.6	72.4	67.5	62.9	60.5	52.3	45.4
4	10/15/02	04:00:00	3600.00	66.4	74.1	70.3	66.0	64.1	57.2	51.1
5	10/15/02	05:00:00	3600.00	70.2	77.1	73.2	70.0	68.6	64.6	58.7
6	10/15/02	06:00:00	3600.00	71.9	78.9	74.1	71.6	70.6	68.2	65.8
7	10/15/02	07:00:00	3600.00	71.9	78.9	73.8	71.6	70.8	68.7	66.8
8	10/15/02	08:00:00	3600.00	72.1	80.0	74.1	71.8	70.8	68.4	66.7
9	10/15/02	09:00:00	3600.00	71.7	78.6	74.0	71.6	70.4	67.5	65.8
10	10/15/02	10:00:00	3600.00	71.1	79.0	74.2	71.5	70.2	67.3	65.3
11	10/15/02	11:00:00	3600.00	71.8	79.5	73.6	70.9	69.7	66.7	64.6
12	10/15/02	12:00:00	3600.00	71.5	79.8	74.1	71.2	69.8	66.4	63.5
13	10/15/02	13:00:00	3600.00	71.0	77.4	73.7	71.1	69.8	66.6	64.5
14	10/15/02	14:00:00	3600.00	70.5	76.6	72.8	70.7	69.6	66.8	64.3
15	10/15/02	15:00:00	3600.00	71.2	78.1	73.4	71.0	69.9	67.3	64.8
16	10/15/02	16:00:00	3600.00	71.3	77.2	73.3	71.3	70.4	68.1	66.1
17	10/15/02	17:00:00	3600.00	71.3	77.7	73.3	71.3	70.5	68.3	66.5
18	10/15/02	18:00:00	3600.00	70.9	76.9	72.9	70.9	70.0	68.0	66.4
19	10/15/02	19:00:00	3600.00	70.6	77.1	72.4	70.3	69.4	67.0	65.2

Exit 2/SB/1, Site 1



Short-term Measurements

Site 2, 14 Boone

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/15/02	12:30	15	**59.6**	13	1.1	60.9	63.4
2	10/15/02	17:08	15	**62.0**	17	0.8	62.8	65.3

Site 3, Crotty

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/15/02	13:09	15	**60.9**	13	1.1	62.0	64.5
2	10/15/02	17:37	15	**60.9**	17	0.8	61.7	64.2

Site 4, 375 Midland Terr.

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/15/02	13:41	15	**69.9**	13	1.1	71.0	73.5
2	10/15/02	18:12	15	**69.8**	18	1.2	71.0	73.5

NYSTA Thruway-wide Prioritization Study
Binary file: 31B28902.B00
Converted 11/18/02 by J. Volk
HMMH Job No. 298550.003

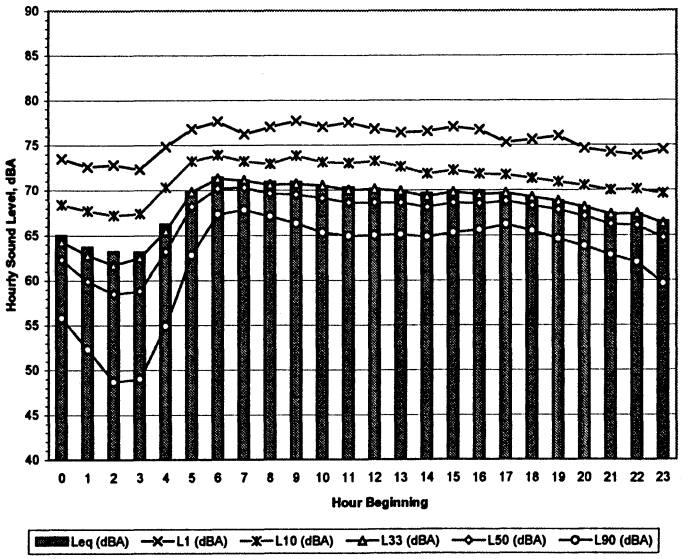
Assessment Area:	ML EXIT 3/SB/1	
Ldn:	74.1	dBA
Loudest Hour Leq:	71.4	dBA
Ldn - Loudest Hour:	2.7	dB

24-Hour Measurement

Site 1, 22 Onandaga St.

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
0	10/15/02	00:00:00	3600.00	65.0	73.5	68.4	64.3	62.3	55.8	51.5
1	10/15/02	01:00:00	3600.00	63.7	72.6	67.7	62.8	59.9	52.3	47.5
2	10/15/02	02:00:00	3600.00	63.2	72.8	67.2	61.7	58.5	48.7	45.0
3	10/15/02	03:00:00	3600.00	63.1	72.3	67.4	62.5	58.8	49.0	43.6
4	10/15/02	04:00:00	3600.00	66.2	74.8	70.3	65.5	63.2	54.9	49.5
5	10/15/02	05:00:00	3600.00	69.8	76.8	73.2	69.8	68.2	62.8	57.3
6	10/15/02	06:00:00	3600.00	71.4	77.6	73.9	71.3	70.2	67.3	64.3
7	10/15/02	07:00:00	3600.00	71.1	76.2	73.2	71.1	70.3	67.8	65.2
8	10/15/02	08:00:00	3600.00	70.9	77.0	72.9	70.6	69.6	67.1	64.5
9	10/15/02	09:00:00	3600.00	70.9	77.7	73.8	70.7	69.5	66.3	63.1
10	10/15/02	10:00:00	3600.00	70.3	77.0	73.1	70.5	69.1	65.3	61.9
11	10/15/02	11:00:00	3600.00	70.3	77.5	73.0	70.0	68.6	64.9	62.1
12	10/15/02	12:00:00	3600.00	70.1	76.8	73.2	70.1	68.6	65.0	62.1
13	10/15/02	13:00:00	3600.00	69.8	76.4	72.6	69.9	68.6	65.1	62.1
14	10/15/02	14:00:00	3600.00	69.6	76.5	71.8	69.3	68.1	64.8	62.0
15	10/15/02	15:00:00	3600.00	69.8	77.0	72.2	69.8	68.6	65.3	62.3
16	10/15/02	16:00:00	3600.00	69.8	76.7	71.8	69.5	68.5	65.6	62.8
17	10/15/02	17:00:00	3600.00	69.5	75.3	71.7	69.7	68.8	66.2	63.8
18	10/15/02	18:00:00	3600.00	69.1	75.6	71.3	69.2	68.3	65.5	62.7
19	10/15/02	19:00:00	3600.00	68.8	76.0	70.9	68.8	67.8	64.6	61.6
20	10/15/02	20:00:00	3600.00	68.1	74.6	70.5	68.1	67.1	63.8	61.0
21	10/15/02	21:00:00	3600.00	67.4	74.2	70.0	67.3	66.2	62.8	59.4
22	10/15/02	22:00:00	3600.00	67.3	73.9	70.1	67.4	66.1	62.0	58.9
23	10/15/02	23:00:00	3600.00	66.5	74.5	69.6	66.3	64.7	59.6	55.8

Exit 3/SB/1, Site 1



Short-term Measurements

Site 2, 19 Otsego St.

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/15/02	10:21	15	**67.3**	10	1.1	68.4	71.1
2	10/15/02	15:54	15	**67.5**	15	1.6	69.1	71.8

Site 3, 843 Mile Sq. Rd.

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/15/02	10:58	15	**70.2**	11	1.1	71.3	74.0
2	10/15/02	16:40	15	**70.2**	16	1.0	71.3	74.1

Site 4, 119 Cowles

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/15/02	15:24	15	**61.9**	15	1.6	63.5	66.2
2	10/15/02	18:49	20	**62.6**	18	2.3	64.9	67.6

NYSTA Thruway-wide Prioritization Study
Binary file: 06B29802.B00
Converted 11/18/02 by J. Volk
HMMH Job No. 298550.003
Data Substituted 3/3/03

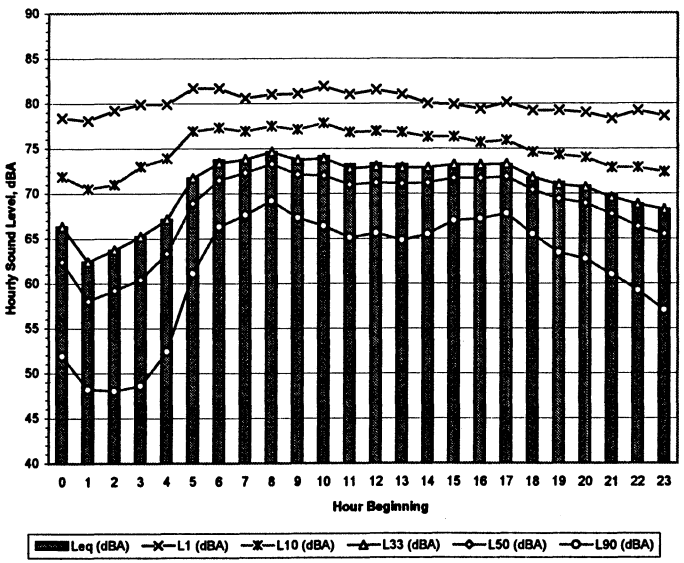
Assessment Area:	ML EXIT 6A/NB/1
Ldn:	76.1 dBA
Loudest Hour Leq:	74.6 dBA
Ldn - Loudest Hour:	1.5 dB

24-Hour Measurement

Site 1, 24 Stony Hill Lane

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
0	10/24/02	00:00:00	3600.00	66.3	78.4	71.9	66.3	62.4	51.9	47.3
1	10/24/02	01:00:00	3600.00	62.4	78.1	70.5	62.4	58.0	48.2	44.1
2	10/24/02	02:00:00	3600.00	63.7	79.2	71.0	63.7	59.2	48.0	43.2
3	10/24/02	03:00:00	3600.00	65.2	79.9	73.0	65.2	60.4	48.6	43.1
4	10/24/02	04:00:00	3600.00	67.1	79.9	73.9	67.1	63.3	52.4	48.0
5	10/24/02	05:00:00	3600.00	71.7	81.7	76.9	71.7	68.9	61.1	52.6
6	10/24/02	06:00:00	3600.00	73.7	81.7	77.3	73.4	71.5	66.3	61.3
7	10/24/02	07:00:00	3600.00	73.7	80.6	76.9	73.8	72.3	67.6	64.3
8	10/24/02	08:00:00	3600.00	74.6	81.0	77.5	74.6	73.3	69.2	65.5
9	10/24/02	09:00:00	3600.00	73.8	81.1	77.1	73.7	72.1	67.3	63.7
10	10/24/02	10:00:00	3600.00	74.1	81.9	77.8	73.9	72.0	66.4	62.5
11	10/24/02	11:00:00	3600.00	73.2	81.0	76.8	72.8	71.0	65.1	60.2
12	10/24/02	12:00:00	3600.00	73.3	81.5	76.9	73.0	71.2	65.6	61.1
13	10/24/02	13:00:00	3600.00	73.2	81.0	76.8	72.9	71.1	64.8	59.6
14	10/24/02	14:00:00	3600.00	72.9	80.0	76.3	72.9	71.2	65.5	61.1
15	10/24/02	15:00:00	3600.00	73.1	79.9	76.3	73.2	71.7	67.0	62.8
16	10/24/02	16:00:00	3600.00	72.9	79.4	75.7	73.2	71.7	67.2	63.2
17	10/24/02	17:00:00	3600.00	73.2	80.1	75.9	73.3	71.9	67.8	64.0
18	10/24/02	18:00:00	3600.00	71.7	79.2	74.6	71.8	70.4	65.5	62.0
19	10/24/02	19:00:00	3600.00	71.2	79.2	74.3	71.0	69.4	63.4	57.8
20	10/24/02	20:00:00	3600.00	70.8	79.0	74.0	70.7	68.9	62.7	57.4
21	10/24/02	21:00:00	3600.00	69.8	78.3	72.9	69.6	67.7	61.0	55.7
22	10/24/02	22:00:00	3600.00	68.8	79.2	72.9	68.8	66.3	59.2	51.7
23	10/24/02	23:00:00	3600.00	68.2	78.6	72.4	68.2	65.5	57.0	50.2

Exit 6A/NB/1, Site 1



Short-term Measurements

Site 2, 500 Winding

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/24/02	12:46	15	**63.7**	12	1.3	65.0	66.5
2	10/24/02	17:05	15	**64.2**	17	1.4	65.6	67.1

Site 3, 29 Carriere Ave.

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/24/02	13:18	15	**64.1**	13	1.2	65.3	67.0
2	10/24/02	17:26	20	**66.9**	17	1.4	68.3	69.8

Site 4, 25 Bonaventure

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/24/02	13:42	15	**60.9**	13	1.2	62.1	63.8
2	10/24/02	17:49	15	**60.4**	17	1.4	61.8	63.3

NYSTA Thruway-wide Prioritization Study
Binary file: 10B29802.B00
Converted 11/13/02 by D. Barrett
HMMH Job No. 298550.003
Data Substituted 3/3/03

Assessment Area:	ML EXIT 10/SB/1
Ldn:	74.9 dBA
Loudest Hour Leq:	71.5 dBA
Ldn - Loudest Hour:	3.4 dB

24-Hour Measurement

Site 1, 10 Ferris Lane

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
0	10/24/02	00:00:00	3600.00	66.2	73.5	69.9	66.0	64.0	58.3	53.7
1	10/24/02	01:00:00	3600.00	65.6	74.0	69.5	64.8	62.2	56.1	53.4
2	10/24/02	02:00:00	3600.00	65.8	73.5	70.0	65.5	62.4	55.9	53.7
3	10/24/02	03:00:00	3600.00	66.3	74.9	70.7	65.7	62.3	55.1	53.1
4	10/24/02	04:00:00	3600.00	68.2	74.9	72.1	68.7	65.9	58.6	55.0
5	10/24/02	05:00:00	3600.00	71.3	76.7	74.0	71.4	69.9	65.3	59.4
6	10/24/02	06:00:00	3600.00	71.5	76.4	73.7	71.8	71.0	68.2	64.1
7	10/24/02	07:00:00	3600.00	68.4	82.4	72.0	68.4	67.3	64.5	62.1
8	10/24/02	08:00:00	3600.00	67.7	72.7	69.8	67.9	66.9	64.5	62.4
9	10/24/02	09:00:00	3600.00	68.1	73.9	70.0	68.0	67.0	64.0	60.6
10	10/24/02	10:00:00	3600.00	71.0	76.5	73.2	71.1	70.2	67.6	65.4
11	10/24/02	11:00:00	3600.00	70.9	76.0	73.2	71.2	70.1	67.5	65.1
12	10/24/02	12:00:00	3600.00	70.3	75.4	72.7	70.6	69.6	66.9	64.8
13	10/24/02	13:00:00	3600.00	70.4	76.1	72.7	70.5	69.6	67.0	64.9
14	10/24/02	14:00:00	3600.00	70.7	76.1	72.9	70.8	70.0	67.6	65.7
15	10/24/02	15:00:00	3600.00	71.1	76.4	73.1	71.4	70.6	68.4	66.5
16	10/24/02	16:00:00	3600.00	71.3	75.3	73.1	71.6	70.9	69.1	67.3
17	10/24/02	17:00:00	3600.00	71.2	75.0	72.8	71.5	70.9	69.2	67.6
18	10/24/02	18:00:00	3600.00	70.7	75.2	72.4	70.8	70.2	68.4	66.9
19	10/24/02	19:00:00	3600.00	69.9	74.6	72.0	70.2	69.4	67.0	65.0
20	10/24/02	20:00:00	3600.00	69.0	73.9	71.7	69.2	68.2	65.3	62.6
21	10/24/02	21:00:00	3600.00	67.8	73.2	70.2	68.0	67.0	64.1	60.5
22	10/24/02	22:00:00	3600.00	65.8	72.2	68.7	66.0	64.7	60.6	56.4
23	10/24/02	23:00:00	3600.00	67.1	73.4	70.4	67.3	65.6	61.0	57.3

Short-term Measurements

Site 2, Shadyside

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/24/02	10:42	15	**63.3**	11	0.8	63.9	67.3
2	10/24/02	15:55	15	**64.8**	16	0.2	65.0	68.4

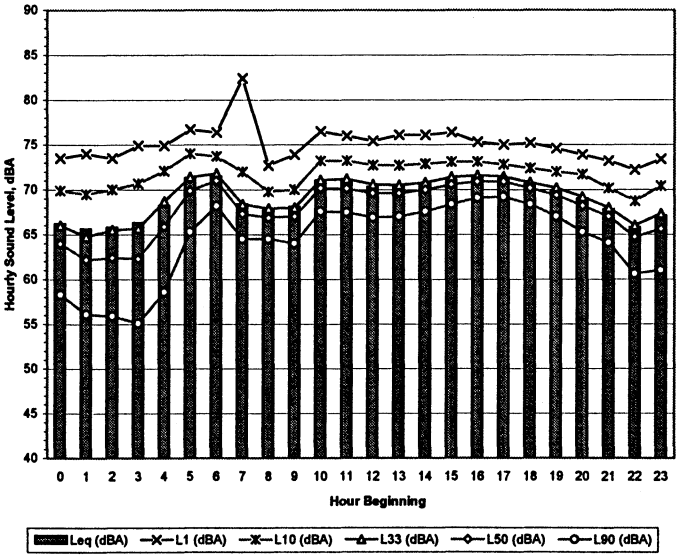
Site 3, Elizabeth Place, Park

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/24/02	11:37	20	**77.4**	11	0.8	78.0	81.4
2	10/24/02	15:29	15	**76.3**	15	0.4	76.7	80.1

Site 4, River Road

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/24/02	18:51	20	**65.6**	18	0.8	66.4	69.8
2	10/24/02	19:24	15	**64.7**	19	1.8	66.5	69.7

Exit 10/SB/1, Site 1



NYSTA Thruway-wide Prioritization Study
Binary file: 12B29602.B00
Converted 11/18/02 by J. Volk
HMMH Job No. 298550.003
Data Substituted 3/3/03

Assessment Area:	ML EXIT 12/SB/1
Ldn:	73.5 dBA
Loudest Hour Leq:	70.5 dBA
Ldn - Loudest Hour:	3.0 dB

24-Hour Measurement

Site 1, 24 Stony Hill Lane

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
16	10/22/02	16:00:00	3600.00	68.2	71.9	69.8	68.4	67.8	66.0	64.5
17	10/22/02	17:00:00	3600.00	67.8	71.5	69.4	68.1	67.5	65.9	64.3
18	10/22/02	18:00:00	3600.00	69.1	72.8	70.7	69.1	68.4	66.7	65.1
19	10/22/02	19:00:00	3600.00	67.6	72.1	69.6	67.9	67.2	65.0	62.8
20	10/22/02	20:00:00	3600.00	67.5	72.6	69.9	67.8	66.8	64.1	60.8
21	10/22/02	21:00:00	3600.00	67.1	72.1	69.6	67.4	66.4	63.3	59.8
22	10/22/02	22:00:00	3600.00	66.8	72.7	69.6	67.0	65.8	62.2	59.1
23	10/22/02	23:00:00	3600.00	66.4	73.0	69.6	66.4	64.9	60.5	56.4
0	10/23/02	00:00:00	3600.00	65.5	72.3	69.3	65.6	63.7	57.8	52.1
1	10/23/02	01:00:00	3600.00	64.6	72.5	68.7	64.1	61.7	54.4	49.0
2	10/23/02	02:00:00	3600.00	64.6	72.6	68.9	64.1	61.5	54.4	50.3
3	10/23/02	03:00:00	3600.00	64.8	72.9	69.0	64.4	61.6	54.2	49.3
4	10/23/02	04:00:00	3600.00	66.6	73.5	70.5	66.6	64.5	57.7	51.1
5	10/23/02	05:00:00	3600.00	68.9	76.2	71.6	69.1	67.8	63.3	59.0
6	10/23/02	06:00:00	3600.00	69.0	74.7	70.9	69.0	68.3	66.2	64.6
7	10/23/02	07:00:00	3600.00	68.4	73.3	70.7	68.7	67.8	65.1	62.9
8	10/23/02	08:00:00	3600.00	70.1	74.0	71.9	70.4	69.7	67.7	66.0
9	10/23/02	09:00:00	3600.00	70.2	74.2	72.1	70.6	69.8	67.5	65.2
10	10/23/02	10:00:00	3600.00	70.5	75.8	72.6	70.7	69.8	67.2	65.1
11	10/23/02	11:00:00	3600.00	69.8	74.8	72.0	70.1	69.1	66.4	63.5
12	10/23/02	12:00:00	3600.00	70.5	74.9	72.7	70.9	70.1	67.5	65.7
13	10/23/02	13:00:00	3600.00	69.8	74.4	71.8	70.0	69.3	67.1	64.8
14	10/23/02	14:00:00	3600.00	69.6	74.2	71.7	69.9	69.1	66.9	65.2
15	10/23/02	15:00:00	3600.00	69.3	73.6	71.0	69.5	68.8	67.1	65.7

Short-term Measurements

Site 2, 69 Greenbush

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/23/02	10:04	15	**60.0**	10	0.0	60.0	63.0
2	10/23/02	14:52	15	**58.5**	14	0.9	59.4	62.4

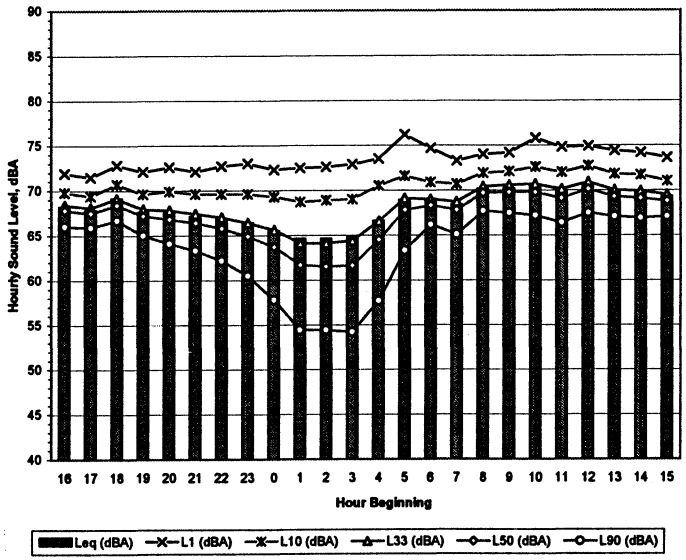
Site 3, 8 Stony Hill Lane

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/23/02	10:25	15	**60.3**	10	0.0	60.3	63.3
2	10/23/02	16:05	15	**58.4**	15	1.2	59.6	62.6

Site 4, 20 South Delaware Drive

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/23/02	11:03	15	**63.9**	11	0.7	64.6	67.6
2	10/23/02	15:24	15	**64.0**	15	2.1	66.1	69.2

Exit 12/SB/1, Site 1



NYSTA Thruway-wide Prioritization Study
Binary file: 13B29602.B00
Converted 11/18/02 by J. Volk
HMMH Job No. 298550.003

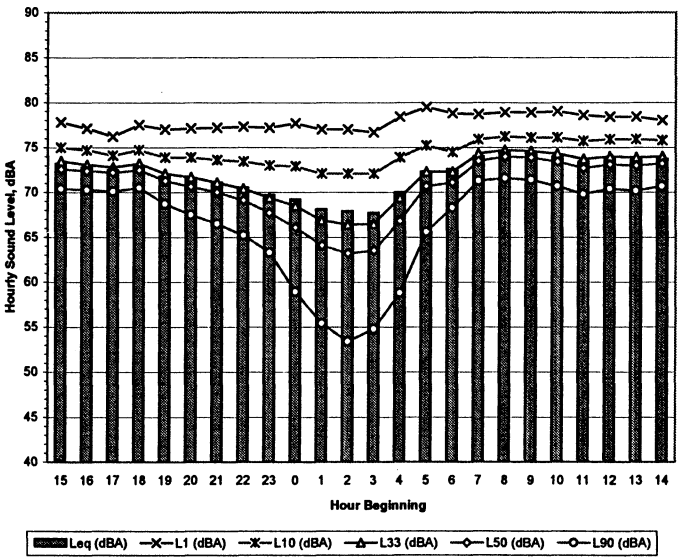
Assessment Area:	ML EXIT 13/SB/1	
Ldn:	77.1	dBA
Loudest Hour Leq:	74.4	dBA
Ldn - Loudest Hour:	2.7	dB

24-Hour Measurement

Site 1, 14 Deer Meadow

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
15	10/22/02	15:00:00	3600.00	73.2	77.8	75.0	73.5	72.6	70.4	68.4
16	10/22/02	16:00:00	3600.00	72.8	77.1	74.7	73.1	72.4	70.3	68.5
17	10/22/02	17:00:00	3600.00	72.5	76.2	74.1	72.8	72.2	70.1	67.8
18	10/22/02	18:00:00	3600.00	72.9	77.5	74.7	73.2	72.5	70.5	68.6
19	10/22/02	19:00:00	3600.00	71.8	77.0	73.9	72.1	71.3	68.7	66.1
20	10/22/02	20:00:00	3600.00	71.5	77.1	73.9	71.7	70.6	67.5	64.5
21	10/22/02	21:00:00	3600.00	71.1	77.2	73.6	71.1	70.0	66.5	62.7
22	10/22/02	22:00:00	3600.00	70.5	77.3	73.4	70.4	69.1	65.2	60.8
23	10/22/02	23:00:00	3600.00	69.7	77.2	73.0	69.4	67.7	63.3	59.3
0	10/23/02	00:00:00	3600.00	69.2	77.7	72.9	68.5	66.1	58.9	51.6
1	10/23/02	01:00:00	3600.00	68.1	77.0	72.1	66.9	64.1	55.4	48.7
2	10/23/02	02:00:00	3600.00	67.9	77.0	72.1	66.4	63.2	53.4	46.3
3	10/23/02	03:00:00	3600.00	67.7	76.7	72.1	66.5	63.5	54.8	49.1
4	10/23/02	04:00:00	3600.00	70.0	78.4	73.9	69.4	66.8	58.8	52.5
5	10/23/02	05:00:00	3600.00	72.3	79.5	75.2	72.3	70.7	65.6	60.1
6	10/23/02	06:00:00	3600.00	72.6	78.8	74.5	72.3	71.1	68.3	66.3
7	10/23/02	07:00:00	3600.00	74.0	78.7	75.9	74.3	73.5	71.3	69.3
8	10/23/02	08:00:00	3600.00	74.4	78.9	76.2	74.7	74.0	71.6	69.6
9	10/23/02	09:00:00	3600.00	74.3	78.9	76.1	74.6	73.9	71.4	68.5
10	10/23/02	10:00:00	3600.00	74.0	79.0	76.1	74.3	73.4	70.7	68.0
11	10/23/02	11:00:00	3600.00	73.4	78.6	75.7	73.7	72.7	69.8	67.3
12	10/23/02	12:00:00	3600.00	73.7	78.4	75.9	74.0	73.1	70.4	67.7
13	10/23/02	13:00:00	3600.00	73.6	78.4	75.9	73.9	73.0	70.2	68.1
14	10/23/02	14:00:00	3600.00	73.7	78.0	75.8	74.0	73.2	70.7	68.2

Exit 13/SB/1, Site 1



Short-term Measurements

Site 2, 3 Dutch Ct.

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/22/02	16:08	15	61.7	16	1.8	63.3	66.0
2	10/23/02	12:00	15	63.0	12	0.7	63.7	66.4

Site 3, 32 Highland Ave.

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/22/02	16:28	15	61.1	16	1.6	62.7	65.4
2	10/23/02	11:40	15	61.3	12	0.7	62.0	64.7

Site 4, Louise Drive

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/22/02	17:03	15	66.1	17	1.9	68.0	70.7
2	10/23/02	8:09	15	68.6	8	0.0	68.6	71.3
3	10/23/02	14:06	15	67.3	14	0.7	68.0	70.7

NYSTA Thruway-wide Prioritization Study
Binary file: 14B29502.B00
Converted 11/18/02 by J. Volk
HMMH Job No. 298550.003

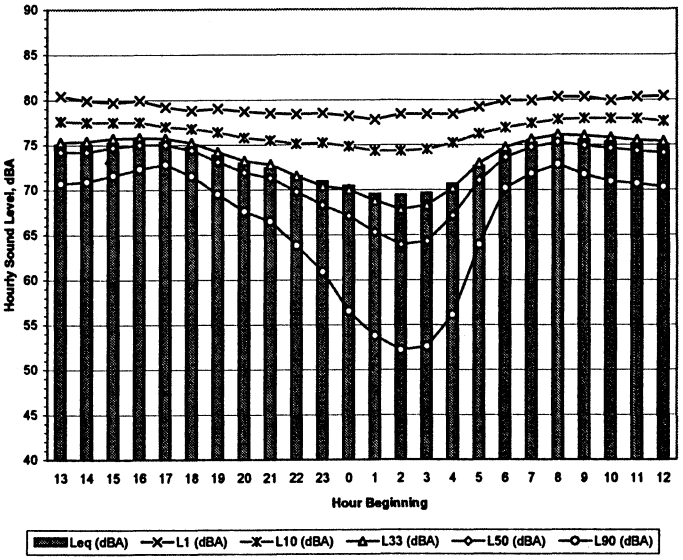
Assessment Area:	ML EXIT 14A/NB/1
Ldn:	76.4 dBA
Loudest Hour Leq:	76.8 dBA
Ldn - Loudest Hour:	-0.6 dB

24-Hour Measurement

Site 1, 1 Summit Ave.

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
13	10/21/02	13:00:00	3600.00	75.0	80.4	77.6	75.3	74.2	70.7	66.6
14	10/21/02	14:00:00	3600.00	75.0	79.9	77.5	75.4	74.2	70.9	67.1
15	10/21/02	15:00:00	3600.00	75.2	79.7	77.5	75.7	74.7	71.6	68.3
16	10/21/02	16:00:00	3600.00	75.5	79.9	77.5	75.8	75.0	72.3	69.3
17	10/21/02	17:00:00	3600.00	75.3	79.2	77.0	75.7	75.0	72.8	70.5
18	10/21/02	18:00:00	3600.00	74.7	78.8	76.8	75.2	74.4	71.5	68.1
19	10/21/02	19:00:00	3600.00	73.8	79.0	76.4	74.2	73.1	69.5	66.0
20	10/21/02	20:00:00	3600.00	72.9	78.7	75.8	73.2	71.9	67.6	62.8
21	10/21/02	21:00:00	3600.00	72.4	78.5	75.5	72.8	71.3	66.5	60.5
22	10/21/02	22:00:00	3600.00	71.5	78.4	75.1	71.5	69.8	63.8	57.6
23	10/21/02	23:00:00	3600.00	70.9	78.5	75.2	70.4	68.3	60.9	54.0
0	10/22/02	00:00:00	3600.00	70.4	78.2	74.8	70.0	67.1	56.5	49.4
1	10/22/02	01:00:00	3600.00	69.5	77.8	74.3	68.8	65.3	53.8	46.4
2	10/22/02	02:00:00	3600.00	69.4	78.4	74.3	67.8	63.9	52.2	44.6
3	10/22/02	03:00:00	3600.00	69.6	78.4	74.5	68.3	64.3	52.6	47.9
4	10/22/02	04:00:00	3600.00	70.6	78.4	75.2	70.2	67.1	56.1	51.2
5	10/22/02	05:00:00	3600.00	72.6	79.2	76.2	72.9	71.0	63.9	57.3
6	10/22/02	06:00:00	3600.00	74.4	79.9	76.9	74.7	73.6	70.2	66.0
7	10/22/02	07:00:00	3600.00	75.2	79.9	77.4	75.6	74.7	71.8	68.8
8	10/22/02	08:00:00	3600.00	75.8	80.3	77.8	76.1	75.3	72.8	70.3
9	10/22/02	09:00:00	3600.00	75.5	80.3	77.9	76.0	74.9	71.7	69.1
10	10/22/02	10:00:00	3600.00	75.3	79.9	77.9	75.8	74.6	70.9	67.8
11	10/22/02	11:00:00	3600.00	75.1	80.3	77.9	75.5	74.3	70.7	67.3
12	10/22/02	12:00:00	3600.00	75.0	80.4	77.6	75.4	74.1	70.3	67.0

Exit 14A/NB/1, Site 1



Short-term Measurements

Site 2, 5 Miele

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/21/02	14:04	15	59.4	14	-0.6	60.2	62.8
2	10/22/02	10:10	15	60.7	10	-0.5	61.2	63.8

Site 3, 7 Dykstra's Way West

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/21/02	14:37	15	66.8	15	-0.6	67.4	70.0
2	10/22/02	9:45	15	66.6	9	-0.3	66.9	69.5

Site 4, 86 Dykstra's Way East

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/21/02	15:12	15	62.3	15	-0.6	62.9	65.5
2	10/22/02	9:18	15	62.0	9	-0.3	62.3	64.9

NYSTA Thruway-wide Prioritization Study
Binary file: 15B29502.B00
Converted 11/18/02 by J. Volk
HMMH Job No. 298550.003

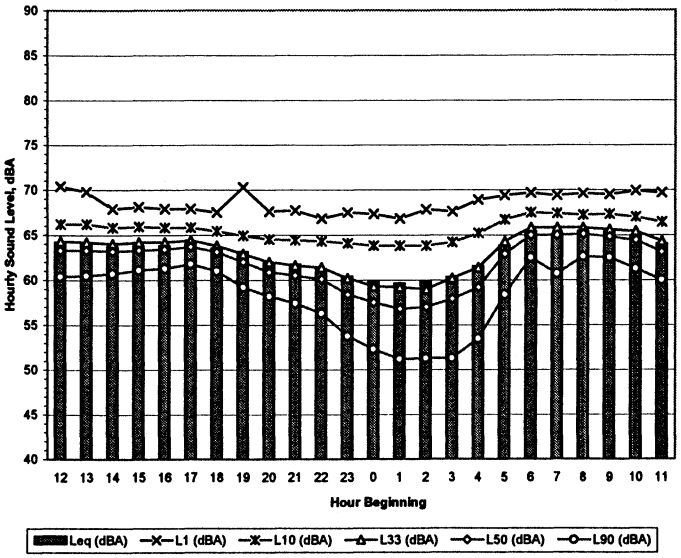
Assessment Area:	ML EXIT 15/SB/1
Ldn:	66.6 dBA
Loudest Hour Leq:	65.4 dBA
Ldn - Loudest Hour:	3.2 dB

24-Hour Measurement

Site 1, 46 Wayne Ave.

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
12	10/21/02	12:00:00	3600.00	64.2	70.4	66.2	64.3	63.3	60.4	58.1
13	10/21/02	13:00:00	3600.00	64.0	69.8	66.2	64.2	63.3	60.5	57.9
14	10/21/02	14:00:00	3600.00	63.7	67.9	65.8	64.0	63.2	60.7	58.5
15	10/21/02	15:00:00	3600.00	63.8	68.1	65.9	64.2	63.3	61.1	59.0
16	10/21/02	16:00:00	3600.00	63.8	67.9	65.8	64.2	63.4	61.3	59.4
17	10/21/02	17:00:00	3600.00	64.0	67.9	65.8	64.4	63.7	61.8	60.3
18	10/21/02	18:00:00	3600.00	63.5	67.5	65.4	63.8	63.1	61.0	59.1
19	10/21/02	19:00:00	3600.00	63.1	70.3	64.9	62.9	62.0	59.2	56.8
20	10/21/02	20:00:00	3600.00	61.9	67.6	64.5	62.0	60.9	58.2	56.2
21	10/21/02	21:00:00	3600.00	61.7	67.7	64.4	61.6	60.5	57.4	55.2
22	10/21/02	22:00:00	3600.00	61.2	66.8	64.3	61.4	60.1	56.3	53.3
23	10/21/02	23:00:00	3600.00	60.4	67.5	64.1	60.2	58.4	53.8	50.9
0	10/22/02	00:00:00	3600.00	59.9	67.3	63.8	59.3	57.5	52.3	49.0
1	10/22/02	01:00:00	3600.00	59.6	66.8	63.8	59.2	56.8	51.2	48.1
2	10/22/02	02:00:00	3600.00	59.9	67.8	63.8	59.0	57.0	51.3	48.0
3	10/22/02	03:00:00	3600.00	60.3	67.6	64.2	60.2	57.9	51.3	47.2
4	10/22/02	04:00:00	3600.00	61.5	68.9	65.2	61.4	59.2	53.5	50.4
5	10/22/02	05:00:00	3600.00	63.8	69.4	66.7	64.3	62.9	58.4	55.0
6	10/22/02	06:00:00	3600.00	65.4	69.7	67.5	65.8	65.0	62.5	59.9
7	10/22/02	07:00:00	3600.00	65.1	69.4	67.4	65.8	65.0	60.7	58.4
8	10/22/02	08:00:00	3600.00	65.4	69.6	67.2	65.8	65.1	62.6	60.1
9	10/22/02	09:00:00	3600.00	65.3	69.5	67.3	65.6	64.8	62.5	60.5
10	10/22/02	10:00:00	3600.00	64.9	69.9	67.0	65.4	64.4	61.3	58.9
11	10/22/02	11:00:00	3600.00	64.0	69.7	66.4	64.3	63.1	60.0	57.8

Exit 15/SB/1, Site 1



Short-term Measurements

Site 2, 29 Wayne Ave.

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/21/02	16:15	15	**70.1**	16	1.8	71.7	74.5
2	10/22/02	11:44	15	**69.8**	12	1.2	71.0	74.2

Site 3, Corner of Washington & Wayne

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/21/02	16:50	15	**67.3**	17	1.4	68.7	71.5
2	10/22/02	10:51	15	**66.8**	10	0.5	67.3	70.1

Site 4, 26 Cross St.

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/21/02	17:17	15	**59.6**	17	1.4	61.0	63.8
2	10/22/02	11:21	15	**59.3**	11	1.4	60.7	63.5

H-13

NYSTA Thruway-wide Prioritization Study
DBF file: 70i26296.dbf
Converted 12/12/02 by JAV

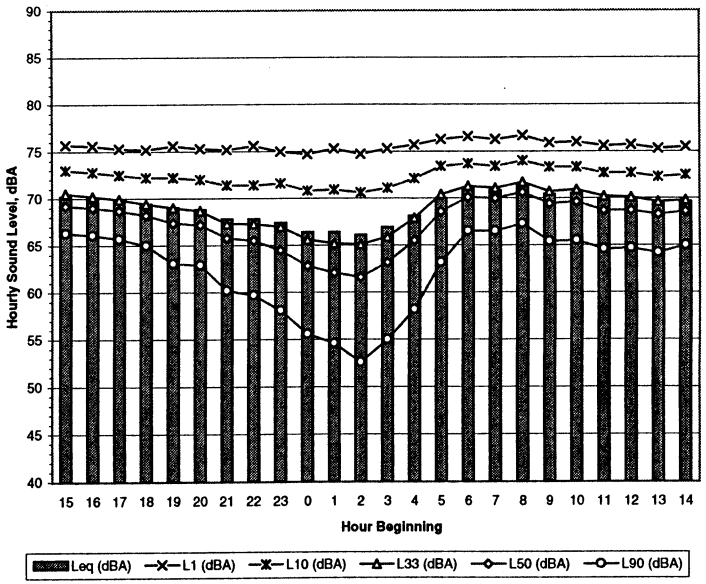
Assessment Area:	ML EXIT 16/SB/2
Ldn:	74.8 dBA
Loudest Hour Leq:	71.4 dBA
Ldn - Loudest Hour:	3.4 dB

24-Hour Measurement

Site NY-LT-12 (FA76), 27 Waldron Terrace

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
15	11/19/2002	15:00:00	3600.00	70.2	75.7	73.0	70.5	69.2	66.3	63.6
16	11/19/2002	16:00:00	3600.00	70.0	75.6	72.8	70.2	69.0	66.1	63.7
17	11/19/2002	17:00:00	3600.00	69.8	75.3	72.5	69.9	68.7	65.7	63.0
18	11/19/2002	18:00:00	3600.00	69.4	75.2	72.2	69.4	68.2	65.0	62.3
19	11/19/2002	19:00:00	3600.00	69.0	75.6	72.2	69.0	67.4	63.1	59.7
20	11/19/2002	20:00:00	3600.00	68.8	75.3	72.0	68.7	67.2	62.9	59.4
21	11/19/2002	21:00:00	3600.00	67.8	75.2	71.4	67.3	65.8	60.2	53.9
22	11/19/2002	22:00:00	3600.00	67.8	75.6	71.4	67.3	65.5	59.7	54.5
23	11/19/2002	23:00:00	3600.00	67.4	75.0	71.6	67.0	64.5	58.1	53.6
0	11/20/2002	00:00:00	3600.00	66.4	74.7	70.8	65.6	62.8	55.6	50.7
1	11/20/2002	01:00:00	3600.00	66.4	75.3	70.9	65.2	62.1	54.6	51.0
2	11/20/2002	02:00:00	3600.00	66.1	74.7	70.6	65.1	61.6	52.6	49.5
3	11/20/2002	03:00:00	3600.00	66.9	75.3	71.1	65.9	63.2	55.0	51.2
4	11/20/2002	04:00:00	3600.00	68.1	75.7	72.1	67.9	65.5	58.2	53.3
5	11/20/2002	05:00:00	3600.00	70.0	76.3	73.4	70.4	68.6	63.2	58.4
6	11/20/2002	06:00:00	3600.00	71.1	76.6	73.7	71.3	70.1	66.5	63.4
7	11/20/2002	07:00:00	3600.00	70.8	76.3	73.4	71.1	70.0	66.5	63.3
8	11/20/2002	08:00:00	3600.00	71.4	76.7	74.0	71.7	70.6	67.3	64.6
9	11/20/2002	09:00:00	3600.00	70.4	75.9	73.3	70.7	69.4	65.4	62.4
10	11/20/2002	10:00:00	3600.00	70.5	76.0	73.3	70.9	69.6	65.5	61.2
11	11/20/2002	11:00:00	3600.00	69.8	75.6	72.7	70.2	68.7	64.6	61.2
12	11/20/2002	12:00:00	3600.00	69.8	75.7	72.7	70.1	68.7	64.7	61.4
13	11/20/2002	13:00:00	3600.00	69.4	75.3	72.3	69.6	68.3	64.2	60.2
14	11/20/2002	14:00:00	3600.00	69.6	75.5	72.5	69.8	68.6	65.0	61.2

Exit 16/SB/2, Site FA76



Short-term Measurements

Site L-M1 (FA80), 35 Waldron Terrace

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/20/2002	07:59	15	**75.9**	8	0.0	75.9	79.3
2	11/20/2002	10:16	15	**75.0**	10	0.9	75.9	79.3

Site L-M2 (FA81), 7 Waldron Terrace

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/20/2002	08:22	15	**75.8**	8	0.0	75.8	79.2
2	11/20/2002	10:42	15	**74.6**	10	0.9	75.5	78.9

NYSTA Thruway-wide Prioritization Study
DBF file: 77i26296.dbf
Converted 12/12/02 by JAV

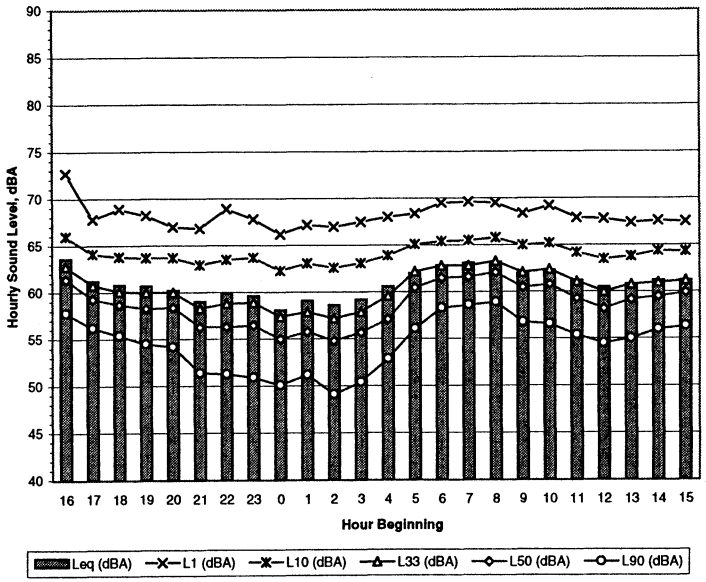
Assessment Area:	ML EXIT 16/SB/1	
Ldn:	66.9	dBA
Loudest Hour Leq:	63.6	dBA
Ldn - Loudest Hour:	3.3	dB

24-Hour Measurement

Site NY-LT~~#~~13 (FA77), 72 Lincoln Street

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
16	11/19/2002	16:00:00	3600.00	63.6	72.7	66.0	62.8	61.4	57.8	55.4
17	11/19/2002	17:00:00	3600.00	61.2	67.8	64.1	60.8	59.3	56.2	54.5
18	11/19/2002	18:00:00	3600.00	60.8	68.9	63.8	60.1	58.7	55.4	53.2
19	11/19/2002	19:00:00	3600.00	60.7	68.2	63.7	60.0	58.3	54.5	51.9
20	11/19/2002	20:00:00	3600.00	60.2	67.0	63.7	60.0	58.4	54.2	51.5
21	11/19/2002	21:00:00	3600.00	59.0	66.8	62.9	58.3	56.3	51.4	48.1
22	11/19/2002	22:00:00	3600.00	59.9	68.9	63.5	58.8	56.3	51.3	47.6
23	11/19/2002	23:00:00	3600.00	59.6	67.8	63.7	58.9	56.5	50.9	47.8
0	11/20/2002	00:00:00	3600.00	58.1	66.2	62.3	57.4	55.0	50.1	47.2
1	11/20/2002	01:00:00	3600.00	59.1	67.2	63.1	57.9	55.8	51.2	48.0
2	11/20/2002	02:00:00	3600.00	58.6	67.0	62.6	57.2	54.8	49.1	46.0
3	11/20/2002	03:00:00	3600.00	59.2	67.5	63.1	57.9	55.7	50.4	45.7
4	11/20/2002	04:00:00	3600.00	60.6	68.0	63.9	59.6	57.1	52.9	49.9
5	11/20/2002	05:00:00	3600.00	62.0	68.4	65.1	62.2	60.5	56.1	53.2
6	11/20/2002	06:00:00	3600.00	62.8	69.5	65.4	62.8	61.5	58.3	55.7
7	11/20/2002	07:00:00	3600.00	63.1	69.6	65.5	62.8	61.6	58.6	56.0
8	11/20/2002	08:00:00	3600.00	63.2	69.5	65.8	63.3	62.1	58.9	57.0
9	11/20/2002	09:00:00	3600.00	62.0	68.4	65.0	62.1	60.5	56.8	54.1
10	11/20/2002	10:00:00	3600.00	62.3	69.2	65.2	62.4	60.8	56.6	53.7
11	11/20/2002	11:00:00	3600.00	61.2	67.9	64.2	61.1	59.3	55.4	52.3
12	11/20/2002	12:00:00	3600.00	60.5	67.8	63.5	60.0	58.2	54.5	52.1
13	11/20/2002	13:00:00	3600.00	60.8	67.4	63.8	60.8	59.2	55.0	51.3
14	11/20/2002	14:00:00	3600.00	61.2	67.6	64.4	61.0	59.5	56.0	53.4
15	11/20/2002	15:00:00	3600.00	61.2	67.5	64.3	61.2	59.9	56.3	53.6

Exit 16/SB/1, Site FA77



Short-term Measurements

Site ~~T~~M1 (FA78), 24 Sheridan Avenue

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/19/2002	15:48	15	62.4	16	0.0	62.4	65.7
2	11/19/2002	16:05	15	62.6	16	0.0	62.6	65.9

Site ~~T~~M2 (FA78), 56 Washington Avenue

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/20/2002	07:28	20	70.5	7	0.5	71.0	74.3
2	11/20/2002	11:11	20	69.9	11	2.4	72.3	75.6

H-15

NYSTA Thruway-wide Prioritization Study
DBF file: 71i26196.dbf
Converted 12/20/02 by JAV

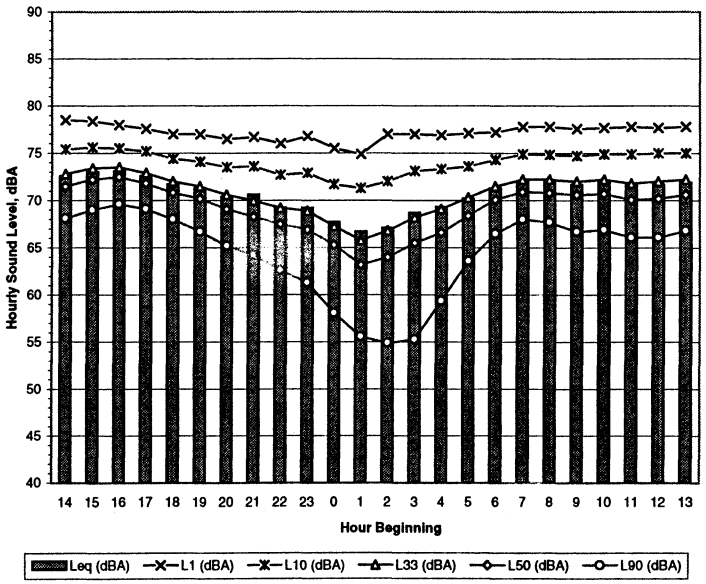
Assessment Area:	ML EXIT 15A/NB/1	
Ldn:	76.0	dBA
Loudest Hour Leq:	73.1	dBA
Ldn - Loudest Hour:	2.9	dB

24-Hour Measurement

Site NY-LT #14 (FA71), 145 Barone Court

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
14	11/18/2002	14:00:00	3600.00	72.6	78.5	75.4	72.8	71.5	68.1	65.3
15	11/18/2002	15:00:00	3600.00	73.0	78.4	75.6	73.4	72.2	69.0	66.6
16	11/18/2002	16:00:00	3600.00	73.1	78.0	75.5	73.5	72.5	69.6	67.0
17	11/18/2002	17:00:00	3600.00	72.6	77.6	75.2	72.9	71.8	69.1	66.4
18	11/18/2002	18:00:00	3600.00	71.7	77.0	74.4	72.0	70.8	68.0	65.2
19	11/18/2002	19:00:00	3600.00	71.3	77.0	74.1	71.5	70.2	66.7	63.4
20	11/18/2002	20:00:00	3600.00	70.4	76.5	73.5	70.6	69.1	65.2	62.0
21	11/18/2002	21:00:00	3600.00	70.6	76.7	73.6	70.0	68.3	64.2	60.6
22	11/18/2002	22:00:00	3600.00	69.2	76.0	72.7	69.2	67.5	62.6	58.0
23	11/18/2002	23:00:00	3600.00	69.2	76.8	72.9	68.9	66.9	61.3	57.2
0	11/19/2002	00:00:00	3600.00	67.7	75.5	71.7	67.3	65.3	58.1	53.5
1	11/19/2002	01:00:00	3600.00	66.7	74.9	71.3	65.8	63.2	55.6	49.6
2	11/19/2002	02:00:00	3600.00	67.1	77.0	72.0	66.8	64.0	54.9	50.7
3	11/19/2002	03:00:00	3600.00	68.7	77.0	73.1	68.2	65.5	55.3	49.2
4	11/19/2002	04:00:00	3600.00	69.3	76.9	73.3	69.1	66.6	59.4	54.8
5	11/19/2002	05:00:00	3600.00	70.2	77.1	73.6	70.3	68.4	63.6	59.6
6	11/19/2002	06:00:00	3600.00	71.3	77.2	74.3	71.5	70.1	66.5	63.1
7	11/19/2002	07:00:00	3600.00	72.0	77.8	74.9	72.2	70.9	68.0	65.5
8	11/19/2002	08:00:00	3600.00	72.0	77.8	74.8	72.2	70.8	67.7	65.4
9	11/19/2002	09:00:00	3600.00	71.7	77.6	74.7	72.0	70.6	66.7	64.0
10	11/19/2002	10:00:00	3600.00	71.9	77.7	74.9	72.2	70.7	66.9	63.7
11	11/19/2002	11:00:00	3600.00	71.6	77.8	74.9	71.8	70.1	66.1	62.8
12	11/19/2002	12:00:00	3600.00	71.7	77.7	75.0	72.0	70.2	66.1	63.1
13	11/19/2002	13:00:00	3600.00	71.9	77.8	75.0	72.2	70.6	66.8	63.8

Exit 15A/NB/1, Site FA71



Short-term Measurements

Site M-M1 (FA74), Barone Court

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/19/2002	07:49	15	74.4	8	1.1	75.5	78.4
2	11/19/2002	09:58	15	75.3	10	1.2	76.5	79.4

Site M-M2 (FA75), 99 E. Village Road

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/19/2002	08:16	20	68.2	8	1.1	69.3	72.2
2	11/19/2002	10:18	15	67.8	10	1.2	69.0	71.9

NYSTA Thruway-wide Prioritization Study
Binary file: 88B31902.B00
Converted 11/21/02 by J. Volk
HMMH Job No. 298550.003
Data Substituted 3/3/03

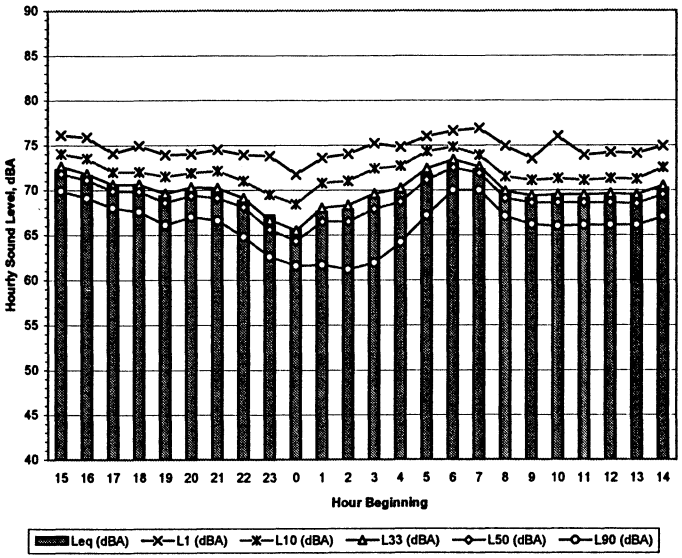
Assessment Area:	NE EXIT 12/SB/1
Ldn:	76.0 dBA
Loudest Hour Leq:	72.9 dBA
Ldn - Loudest Hour:	3.1 dB

24-Hour Measurement

Site 1, 3031 Edson Rd.

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
15	11/13/02	15:00:00	3600.00	72.3	76.1	74.0	72.6	71.8	69.9	68.0
16	11/13/02	16:00:00	3600.00	71.6	75.9	73.5	71.8	71.1	69.1	67.4
17	11/13/02	17:00:00	3600.00	70.6	74.1	72.0	70.6	69.9	68.0	66.3
18	11/13/02	18:00:00	3600.00	70.4	74.9	72.0	70.6	69.8	67.6	65.7
19	11/13/02	19:00:00	3600.00	69.3	73.9	71.5	69.6	68.6	66.1	64.0
20	11/13/02	20:00:00	3600.00	69.8	74.0	71.9	70.3	69.4	67.0	64.8
21	11/13/02	21:00:00	3600.00	69.8	74.5	72.1	70.2	69.1	66.6	64.5
22	11/13/02	22:00:00	3600.00	68.8	73.9	71.0	69.1	68.1	64.8	62.0
23	11/13/02	23:00:00	3600.00	67.2	73.8	69.5	66.7	65.6	62.6	60.4
0	11/14/02	00:00:00	3600.00	65.6	71.7	68.4	65.5	64.3	61.6	59.4
1	11/14/02	01:00:00	3600.00	67.6	73.6	70.8	68.0	66.5	61.7	56.9
2	11/14/02	02:00:00	3600.00	67.8	74.0	71.0	68.3	66.5	61.2	56.0
3	11/14/02	03:00:00	3600.00	69.1	75.2	72.4	69.6	67.9	61.9	56.3
4	11/14/02	04:00:00	3600.00	69.7	74.8	72.7	70.2	68.7	64.2	58.9
5	11/14/02	05:00:00	3600.00	71.7	76.0	74.3	72.4	71.1	67.2	62.3
6	11/14/02	06:00:00	3600.00	72.9	76.6	74.8	73.4	72.5	70.0	67.4
7	11/14/02	07:00:00	3600.00	72.3	76.9	73.9	72.6	71.9	70.0	68.4
8	11/14/02	08:00:00	3600.00	69.8	74.9	71.5	69.9	69.1	67.1	65.5
9	11/14/02	09:00:00	3600.00	69.1	73.5	71.1	69.4	68.6	66.2	64.2
10	11/14/02	10:00:00	3600.00	69.5	76.0	71.3	69.5	68.6	66.0	63.9
11	11/14/02	11:00:00	3600.00	69.1	73.9	71.1	69.5	68.6	66.1	64.1
12	11/14/02	12:00:00	3600.00	69.2	74.2	71.3	69.6	68.6	66.1	64.0
13	11/14/02	13:00:00	3600.00	69.3	74.1	71.2	69.5	68.5	66.1	64.1
14	11/14/02	14:00:00	3600.00	70.2	74.9	72.5	70.5	69.5	67.0	65.2

Exit 12/SB/1, Site 1



Short-term Measurements

Site 2, 2935 Edson

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/13/02	15:17	15	**74.5**	15	0.8	76.1	76.2
2	11/14/02	10:22	15	**72.7**	10	3.4	76.1	76.2

Site 3, Palmer Ave.

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/13/02	15:55	15	**75.7**	16	1.3	77.0	80.1
2	11/14/02	10:49	15	**75.8**	10	3.4	79.2	82.3

Site 4, 3121 Baychester or Hammersly

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/13/02	16:25	20	**73.3**	16	1.3	74.6	77.7
2	11/14/02	11:10	15	**71.4**	11	3.8	75.2	78.3

NYSTA Thruway-wide Prioritization Study
Binary file: 63B32402.B00
Converted 11/21/02 by J. Volk
HMMH Job No. 298550.003
Data Substituted 3/3/03

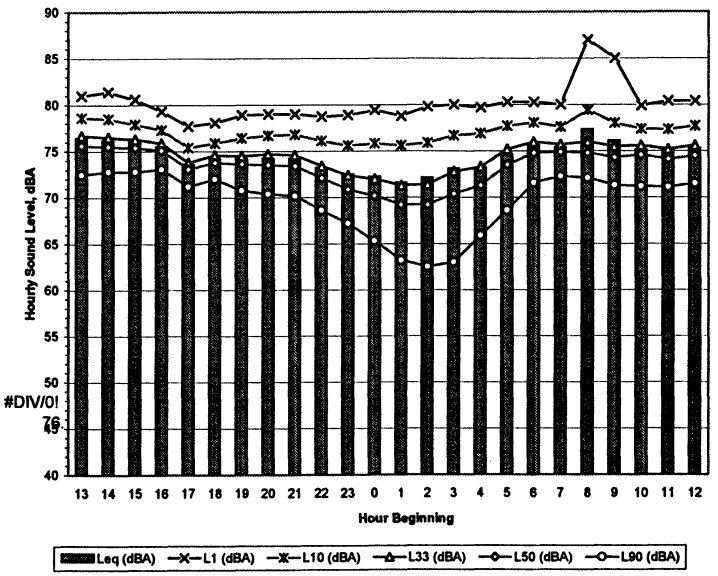
Assessment Area:	NE EXIT 16/SB/3
Ldn:	80.1 dBA
Loudest Hour Leq:	77.3 dBA
Ldn - Loudest Hour:	2.8 dB

24-Hour Measurement

Site 1, 16 Walnut St.

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
13	11/19/02	13:00:00	3600.00	76.4	81.0	78.6	76.7	75.6	72.5	69.8
14	11/19/02	14:00:00	3600.00	76.2	81.4	78.5	76.5	75.5	72.8	70.1
15	11/19/02	15:00:00	3600.00	76.1	80.6	77.9	76.3	75.4	72.8	70.3
16	11/19/02	16:00:00	3600.00	75.5	79.3	77.3	75.9	75.1	73.1	71.1
17	11/19/02	17:00:00	3600.00	73.6	77.7	75.4	73.8	73.1	71.2	69.8
18	11/19/02	18:00:00	3600.00	74.2	78.1	75.9	74.6	73.8	72.0	70.3
19	11/19/02	19:00:00	3600.00	74.2	78.9	76.4	74.5	73.6	70.8	68.3
20	11/19/02	20:00:00	3600.00	74.2	79.0	76.7	74.7	73.5	70.4	68.0
21	11/19/02	21:00:00	3600.00	74.2	79.0	76.8	74.6	73.4	70.2	67.2
22	11/19/02	22:00:00	3600.00	73.2	78.7	76.1	73.4	72.1	68.6	64.9
23	11/19/02	23:00:00	3600.00	72.5	78.9	75.6	72.4	70.9	67.2	62.7
0	11/20/02	00:00:00	3600.00	72.2	79.4	75.8	72.0	70.2	65.3	59.3
1	11/20/02	01:00:00	3600.00	71.6	78.8	75.6	71.3	69.2	63.2	56.5
2	11/20/02	02:00:00	3600.00	72.1	79.8	75.9	71.4	69.2	62.5	55.5
3	11/20/02	03:00:00	3600.00	73.1	80.0	76.7	72.8	70.4	63.0	55.8
4	11/20/02	04:00:00	3600.00	73.2	79.7	76.9	73.3	71.3	65.9	60.8
5	11/20/02	05:00:00	3600.00	74.6	80.3	77.7	75.2	73.5	68.6	63.0
6	11/20/02	06:00:00	3600.00	75.6	80.3	78.1	76.0	74.8	71.6	68.2
7	11/20/02	07:00:00	3600.00	75.4	80.0	77.6	75.7	74.9	72.3	70.2
8	11/20/02	08:00:00	3600.00	77.3	87.0	79.4	76.0	74.8	72.1	70.2
9	11/20/02	09:00:00	3600.00	76.1	85.0	78.0	75.5	74.3	71.3	69.1
10	11/20/02	10:00:00	3600.00	75.1	79.9	77.4	75.6	74.6	71.2	68.5
11	11/20/02	11:00:00	3600.00	75.0	80.4	77.3	75.2	74.1	71.1	67.8
12	11/20/02	12:00:00	3600.00	75.3	80.4	77.7	75.6	74.5	71.5	68.8

Exit 16/SB/3, Day 2, Site 1



Short-term Measurements

Site 2, 9 1st St.

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/19/02	7:47	15	**62.4**	7	1.8	64.3	67.1
2	11/20/02	9:56	15	**61.0**	10	2.2	63.2	66.0

Site 3, 61 Crescent Ave.

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/19/02	7:20	15	**73.5**	7	1.9	75.4	78.2
2	11/20/02	10:19	15	**73.8**	10	2.3	76.0	78.8

Site 4, 9 Odell

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/19/02	6:53	15	**75.0**	6	1.7	76.7	79.5
2	11/20/02	10:39	15	**75.1**	10	2.2	77.3	80.1

NYSTA Thruway-wide Prioritization Study
Binary file: 62B31002.B00
Converted 11/18/02 by J. Volk
HMMH Job No. 298550.003
Data Substituted 3/3/03

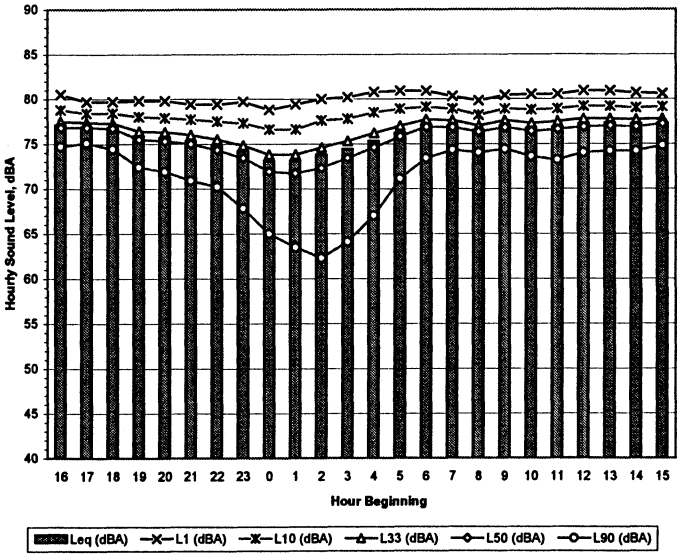
Assessment Area:	NE EXIT 16/SB/2	
Ldn:	81.6	dBA
Loudest Hour Leq:	77.3	dBA
Ldn - Loudest Hour:	4.3	dB

24-Hour Measurement

Site 1, 15 Lawn Ave.

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
16	11/4/02	16:00:00	3600.00	77.1	80.5	78.8	77.5	76.8	74.7	72.3
17	11/4/02	17:00:00	3600.00	76.9	79.7	78.4	77.4	76.8	75.1	73.2
18	11/4/02	18:00:00	3600.00	76.8	79.7	78.4	77.3	76.7	74.4	71.6
19	11/4/02	19:00:00	3600.00	75.9	79.8	78.0	76.4	75.5	72.4	68.7
20	11/4/02	20:00:00	3600.00	75.7	79.8	77.9	76.3	75.3	71.9	68.3
21	11/4/02	21:00:00	3600.00	75.3	79.4	77.7	76.0	75.0	70.9	66.6
22	11/4/02	22:00:00	3600.00	74.8	79.4	77.5	75.5	74.3	70.2	66.2
23	11/4/02	23:00:00	3600.00	74.2	79.7	77.3	74.8	73.4	67.8	62.1
0	11/5/02	00:00:00	3600.00	73.1	78.8	76.6	73.8	71.9	65.0	56.0
1	11/5/02	01:00:00	3600.00	73.1	79.4	76.6	73.8	71.7	63.5	55.9
2	11/5/02	02:00:00	3600.00	73.8	80.0	77.6	74.6	72.3	62.3	54.2
3	11/5/02	03:00:00	3600.00	74.4	80.2	77.8	75.3	73.4	64.1	55.7
4	11/5/02	04:00:00	3600.00	75.3	80.8	78.5	76.2	74.6	67.0	58.5
5	11/5/02	05:00:00	3600.00	76.2	80.9	78.9	77.0	75.8	71.1	66.5
6	11/5/02	06:00:00	3600.00	77.1	80.9	79.1	77.7	76.9	73.4	69.5
7	11/5/02	07:00:00	3600.00	77.0	80.3	78.9	77.6	76.8	74.3	71.7
8	11/5/02	08:00:00	3600.00	76.5	79.8	78.2	77.0	76.3	74.0	71.6
9	11/5/02	09:00:00	3600.00	77.0	80.4	78.9	77.6	76.8	74.4	72.0
10	11/5/02	10:00:00	3600.00	76.7	80.5	78.8	77.3	76.4	73.6	70.3
11	11/5/02	11:00:00	3600.00	76.8	80.5	78.9	77.5	76.6	73.2	69.7
12	11/5/02	12:00:00	3600.00	77.2	80.9	79.2	77.8	76.9	74.0	71.2
13	11/5/02	13:00:00	3600.00	77.3	80.9	79.2	77.8	77.0	74.2	72.0
14	11/5/02	14:00:00	3600.00	77.2	80.7	79.0	77.7	76.9	74.2	71.5
15	11/5/02	15:00:00	3600.00	77.3	80.6	79.1	77.8	77.2	74.8	72.3

Exit 16/SB/2, Site 1



Short-term Measurements

Site 2, Burling Lane

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/5/02	9:40	15	**74.5**	9	0.3	74.8	78.1
2	11/5/02	14:21	15	**74.2**	14	0.1	74.3	78.6

Site 3, 55 Park Place

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/5/02	10:09	15	**73.1**	9	0.3	73.4	77.7
2	11/5/02	15:00	15	**72.0**	14	0.1	72.1	76.4

Site 4, Sickles Ave./Basketball Court

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/5/02	10:43	15	**60.9**	11	0.5	61.4	66.7
2	11/5/02	15:27	20	**61.8**	15	0.0	61.8	66.1

NYSTA Thruway-wide Prioritization Study
Binary file: 61B31002.B00
Converted 11/18/02 by J. Volk
HMMH Job No. 298550.003
Data Substituted 3/3/03

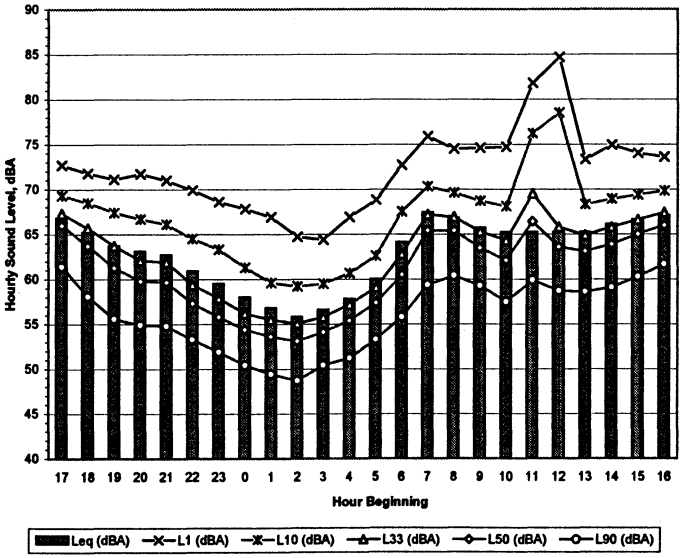
Assessment Area:	NE EXIT 16/SB/1
Ldn:	67.6 dBA
Loudest Hour Leq:	67.4 dBA
Ldn - Loudest Hour:	0.2 dB

24-Hour Measurement

Site 1, 5 The Manhattan Blvd.

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
17	11/4/02	17:00:00	3600.00	66.8	72.7	69.3	67.3	66.0	61.4	58.5
18	11/4/02	18:00:00	3600.00	65.2	71.8	68.5	65.7	63.7	58.1	55.4
19	11/4/02	19:00:00	3600.00	63.7	71.1	67.4	63.7	61.3	55.6	53.0
20	11/4/02	20:00:00	3600.00	63.1	71.7	66.7	62.1	59.8	54.9	52.4
21	11/4/02	21:00:00	3600.00	62.7	71.0	66.1	61.9	59.7	54.8	52.3
22	11/4/02	22:00:00	3600.00	60.9	69.9	64.5	59.4	57.3	53.3	51.2
23	11/4/02	23:00:00	3600.00	59.5	68.6	63.3	57.9	55.8	51.9	50.1
0	11/5/02	00:00:00	3600.00	58.0	67.8	61.3	56.2	54.4	50.4	48.0
1	11/5/02	01:00:00	3600.00	56.8	66.9	59.6	55.5	53.6	49.4	46.4
2	11/5/02	02:00:00	3600.00	55.8	64.7	59.2	55.1	53.1	48.7	46.2
3	11/5/02	03:00:00	3600.00	56.6	64.4	59.5	55.8	54.1	50.4	48.2
4	11/5/02	04:00:00	3600.00	57.8	66.9	60.7	57.2	55.4	51.2	49.1
5	11/5/02	05:00:00	3600.00	60.0	68.8	62.6	59.1	57.4	53.3	50.4
6	11/5/02	06:00:00	3600.00	64.1	72.7	67.5	62.8	60.5	55.8	52.5
7	11/5/02	07:00:00	3600.00	67.4	75.9	70.3	67.2	65.4	59.4	56.2
8	11/5/02	08:00:00	3600.00	66.8	74.5	69.6	66.9	65.4	60.4	57.0
9	11/5/02	09:00:00	3600.00	65.7	74.6	68.7	65.3	63.5	59.3	56.9
10	11/5/02	10:00:00	3600.00	65.2	74.7	68.1	64.3	62.1	57.5	55.1
11	11/5/02	11:00:00	3600.00	65.2	81.8	76.2	69.5	66.4	59.9	56.1
12	11/5/02	12:00:00	3600.00	65.2	84.7	78.5	65.8	63.6	58.7	56.3
13	11/5/02	13:00:00	3600.00	65.2	73.3	68.3	64.9	63.1	58.6	56.3
14	11/5/02	14:00:00	3600.00	66.1	74.9	68.9	65.8	63.9	59.1	56.2
15	11/5/02	15:00:00	3600.00	66.6	74.0	69.4	66.6	65.0	60.3	57.6
16	11/5/02	16:00:00	3600.00	67.1	73.6	69.8	67.4	66.0	61.7	59.4

Exit 16/SB/1, Site 1



Short-term Measurements

Site 2, 25 Rochelle Pl.

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/5/02	11:19	15	**56.8**	11	2.2	63.0	62.2
2	11/5/02	16:13	15	**60.1**	16	0.3	60.4	60.0

Site 3, 45 Morris St.

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/5/02	11:48	15	**59.7**	12	3.2	63.0	62.1
2	11/5/02	16:50	15	**63.0**	16	0.3	63.3	63.0

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1								
2								

NYSTA Thruway-wide Prioritization Study
Binary file: 69B31202.B00
Converted 11/18/02 by J. Volk
HMMH Job No. 298550.003
Data Substituted 3/3/03

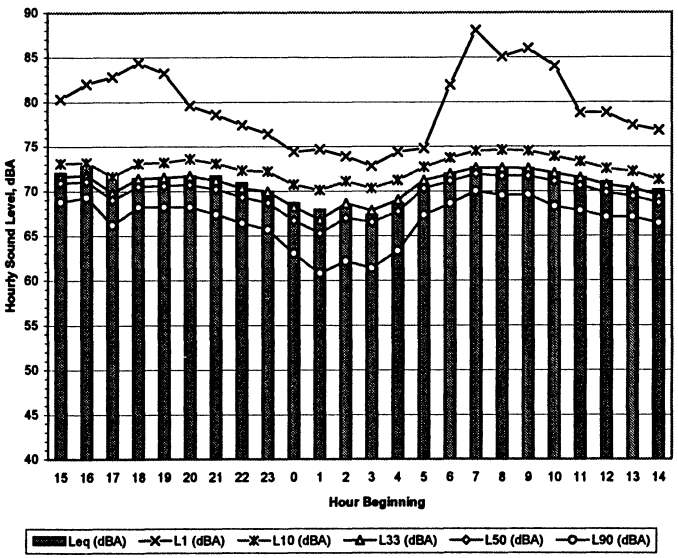
Assessment Area:	NE EXIT 16/NB/1	
Ldn:	76.4	dBA
Loudest Hour Leq:	72.8	dBA
Ldn - Loudest Hour:	3.6	dB

24-Hour Measurement

Site 1, 8 East Ave.

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
15	11/6/02	15:00:00	3600.00	72.0	80.3	73.1	71.6	70.9	68.8	67.1
16	11/6/02	16:00:00	3600.00	72.8	82.0	73.2	71.8	71.1	69.3	67.6
17	11/6/02	17:00:00	3600.00	71.7	82.8	71.6	69.8	69.0	66.2	64.1
18	11/6/02	18:00:00	3600.00	71.4	84.4	73.1	71.4	70.5	68.2	66.2
19	11/6/02	19:00:00	3600.00	71.5	83.2	73.2	71.5	70.6	68.2	66.1
20	11/6/02	20:00:00	3600.00	71.7	79.6	73.6	71.7	70.7	68.2	66.2
21	11/6/02	21:00:00	3600.00	71.7	78.6	73.1	71.2	70.2	67.4	65.1
22	11/6/02	22:00:00	3600.00	70.9	77.4	72.3	70.3	69.3	66.4	63.8
23	11/6/02	23:00:00	3600.00	69.9	76.4	72.2	69.9	68.7	65.7	63.4
0	11/7/02	00:00:00	3600.00	68.6	74.4	70.7	68.2	66.7	63.0	59.1
1	11/7/02	01:00:00	3600.00	67.9	74.7	70.1	66.8	65.3	60.8	57.7
2	11/7/02	02:00:00	3600.00	68.2	73.9	71.1	68.6	67.0	62.2	58.3
3	11/7/02	03:00:00	3600.00	67.3	72.8	70.3	67.8	66.5	61.4	56.8
4	11/7/02	04:00:00	3600.00	68.6	74.4	71.2	69.0	67.7	63.3	59.8
5	11/7/02	05:00:00	3600.00	70.6	74.8	72.7	71.2	70.3	67.3	64.4
6	11/7/02	06:00:00	3600.00	71.9	81.9	73.7	71.9	71.1	68.6	66.5
7	11/7/02	07:00:00	3600.00	72.6	88.0	74.5	72.6	71.9	70.0	68.4
8	11/7/02	08:00:00	3600.00	72.6	85.1	74.6	72.6	71.7	69.5	67.9
9	11/7/02	09:00:00	3600.00	72.5	86.0	74.5	72.5	71.7	69.6	67.6
10	11/7/02	10:00:00	3600.00	72.0	84.0	73.9	72.0	71.1	68.3	66.4
11	11/7/02	11:00:00	3600.00	71.5	78.8	73.3	71.5	70.6	67.8	65.7
12	11/7/02	12:00:00	3600.00	71.0	78.8	72.5	70.7	69.8	67.1	65.2
13	11/7/02	13:00:00	3600.00	70.3	77.4	72.2	70.3	69.4	67.1	65.1
14	11/7/02	14:00:00	3600.00	70.1	76.8	71.3	69.5	68.7	66.4	64.8

Exit 16/NB/1, Site 1



Short-term Measurements

Site 2, 2333 Palmer Ave. / Palmer Ave. cooperatives

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/7/02	9:08	15	**69.0**	9	0.3	69.3	72.0
2	11/7/02	12:58	15	**66.3**	13	2.5	68.8	72.4

Site 3, 2241 Palmer Ave./ Dorchester Gardens

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/7/02	10:06	25	**72.0**	9	0.3	72.3	75.0
2	11/7/02	13:38	20	**68.1**	14	2.7	70.8	74.4

Site 4, 2201 Palmer Ave. apartments

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/7/02	11:15	15	**68.0**	11	1.3	69.3	72.9
2	11/7/02	14:03	15	**66.2**	13	2.8	69.0	72.5

NYSTA Thruway-wide Prioritization Study
Binary file: 17B31202.DBF
Converted 11/18/02 by J. Volk
HMMH Job No. 298550.003
Data Substituted 3/3/03

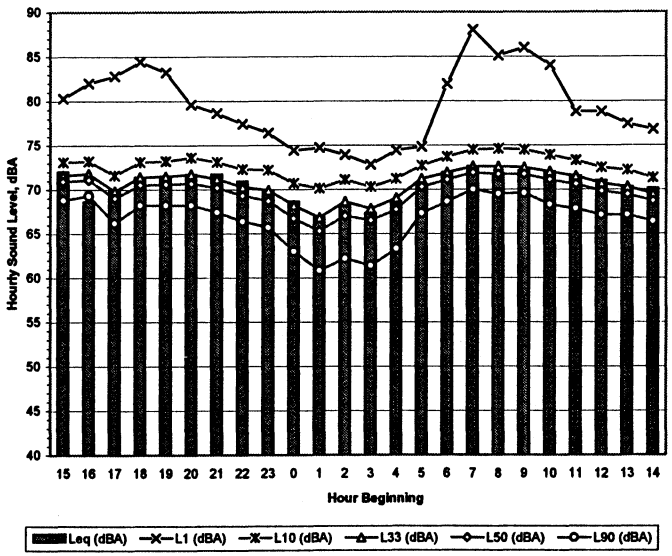
Assessment Area:	NE EXIT 17/NB/1
Ldn:	70.2 dBA
Loudest Hour Leq:	72.8 dBA
Ldn - Loudest Hour:	-3.8 dB

24-Hour Measurement

Site 1, 8 Woodland Ave.

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
15	11/6/02	15:00:00	3600.00	72.0	80.3	73.1	71.6	70.9	68.8	67.1
16	11/6/02	16:00:00	3600.00	68.6	82.0	73.2	71.8	71.1	69.3	67.6
17	11/6/02	17:00:00	3600.00	69.8	82.8	71.6	69.8	69.0	66.2	64.1
18	11/6/02	18:00:00	3600.00	71.4	84.4	73.1	71.4	70.5	68.2	66.2
19	11/6/02	19:00:00	3600.00	71.5	83.2	73.2	71.5	70.6	68.2	66.1
20	11/6/02	20:00:00	3600.00	71.7	79.6	73.6	71.7	70.7	68.2	66.2
21	11/6/02	21:00:00	3600.00	71.7	78.6	73.1	71.2	70.2	67.4	65.1
22	11/6/02	22:00:00	3600.00	70.9	77.4	72.3	70.3	69.3	66.4	63.8
23	11/6/02	23:00:00	3600.00	69.9	76.4	72.2	69.9	68.7	65.7	63.4
0	11/7/02	00:00:00	3600.00	68.6	74.4	70.7	68.2	66.7	63.0	59.1
1	11/7/02	01:00:00	3600.00	66.8	74.7	70.1	66.8	65.3	60.8	57.7
2	11/7/02	02:00:00	3600.00	68.2	73.9	71.1	68.6	67.0	62.2	58.3
3	11/7/02	03:00:00	3600.00	67.3	72.8	70.3	67.8	66.5	61.4	56.8
4	11/7/02	04:00:00	3600.00	68.6	74.4	71.2	69.0	67.7	63.3	59.8
5	11/7/02	05:00:00	3600.00	70.6	74.8	72.7	71.2	70.3	67.3	64.4
6	11/7/02	06:00:00	3600.00	71.9	81.9	73.7	71.9	71.1	68.6	66.5
7	11/7/02	07:00:00	3600.00	72.6	88.0	74.5	72.6	71.9	70.0	68.4
8	11/7/02	08:00:00	3600.00	71.8	85.1	74.6	72.6	71.7	69.5	67.9
9	11/7/02	09:00:00	3600.00	72.1	86.0	74.5	72.5	71.7	69.6	67.6
10	11/7/02	10:00:00	3600.00	72.0	84.0	73.9	72.0	71.1	68.3	66.4
11	11/7/02	11:00:00	3600.00	71.5	78.8	73.3	71.5	70.6	67.8	65.7
12	11/7/02	12:00:00	3600.00	71.0	78.8	72.5	70.7	69.8	67.1	65.2
13	11/7/02	13:00:00	3600.00	70.3	77.4	72.2	70.3	69.4	67.1	65.1
14	11/7/02	14:00:00	3600.00	70.1	76.8	71.3	69.5	68.7	66.4	64.8

Exit 17/NB/1, Site 1



Short-term Measurements

Site 2, 2 Blossom Terrace

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/6/02	15:46	15	64.0	16	-4.0	68.0	71.0
2	11/8/02	8:38	15	65.2	8	0.8	64.4	69.8

Site 3, Palmer Ave.

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/6/02	16:21	15	61.0	16	-4.0	65.0	68.0
2	11/8/02	9:04	15	62.7	9	0.7	62.0	66.8

Site 4, 3 Woodland Ave.

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/7/02	12:11	15	68.3	11	-1.1	69.4	73.0
2	11/7/02	16:13	15	65.2	16	-4.0	69.2	72.0

NYSTA Thruway-wide Prioritization Study
Binary file: 29B32402.B00
Converted 11/21/02 by J. Volk
HMMH Job No. 298550.003

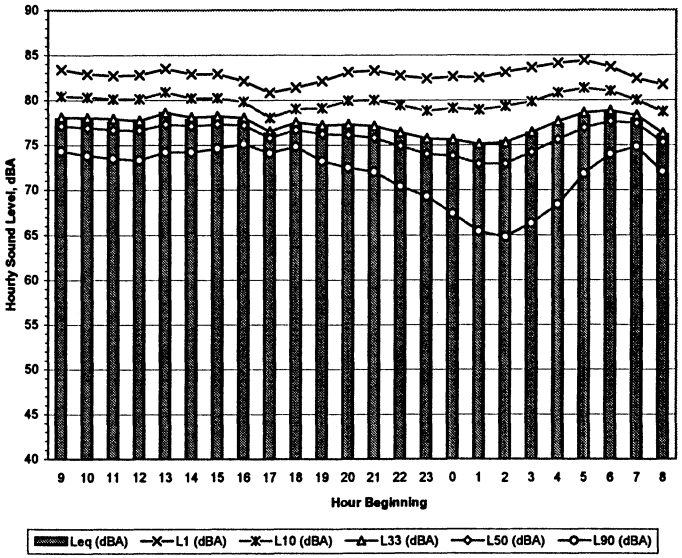
Assessment Area:	NE EXIT 22/SB/1	
Ldn:	83.2	dBA
Loudest Hour Leq:	78.8	dBA
Ldn - Loudest Hour:	4.5	dB

24-Hour Measurement

Site 1, 1 Laurel Drive

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
9	11/19/02	09:00:00	3600.00	77.9	83.4	80.4	78.1	77.1	74.3	72.1
10	11/19/02	10:00:00	3600.00	77.8	82.9	80.3	78.0	76.9	73.8	71.1
11	11/19/02	11:00:00	3600.00	77.5	82.7	80.1	77.9	76.7	73.5	70.9
12	11/19/02	12:00:00	3600.00	77.5	82.8	80.1	77.7	76.6	73.3	70.3
13	11/19/02	13:00:00	3600.00	78.6	83.5	80.9	78.6	77.3	74.2	71.7
14	11/19/02	14:00:00	3600.00	77.8	82.9	80.2	78.1	77.1	74.2	71.1
15	11/19/02	15:00:00	3600.00	77.9	82.9	80.2	78.2	77.3	74.6	72.1
16	11/19/02	16:00:00	3600.00	77.7	82.1	79.8	78.0	77.2	75.1	73.0
17	11/19/02	17:00:00	3600.00	76.3	80.8	78.0	76.5	75.8	74.1	72.5
18	11/19/02	18:00:00	3600.00	77.2	81.4	79.0	77.5	76.7	74.8	73.2
19	11/19/02	19:00:00	3600.00	76.9	82.1	79.1	77.2	76.2	73.2	70.7
20	11/19/02	20:00:00	3600.00	77.1	83.1	79.9	77.3	76.1	72.5	69.3
21	11/19/02	21:00:00	3600.00	77.0	83.3	80.0	77.1	75.8	72.0	68.4
22	11/19/02	22:00:00	3600.00	76.3	82.7	79.4	76.4	74.9	70.4	66.5
23	11/19/02	23:00:00	3600.00	75.6	82.4	78.8	75.7	74.0	69.3	65.8
0	11/20/02	00:00:00	3600.00	75.5	82.6	79.1	75.6	73.8	67.4	61.9
1	11/20/02	01:00:00	3600.00	75.1	82.5	78.9	75.1	72.9	65.4	59.1
2	11/20/02	02:00:00	3600.00	75.4	83.1	79.3	75.3	72.9	64.8	58.0
3	11/20/02	03:00:00	3600.00	76.3	83.6	79.8	76.4	74.2	66.3	59.6
4	11/20/02	04:00:00	3600.00	77.3	84.1	80.8	77.6	75.6	68.4	61.9
5	11/20/02	05:00:00	3600.00	78.2	84.4	81.3	78.6	76.9	71.8	66.1
6	11/20/02	06:00:00	3600.00	78.5	83.7	81.0	78.8	77.6	74.0	69.9
7	11/20/02	07:00:00	3600.00	77.9	82.4	80.0	78.3	77.4	74.8	72.2
8	11/20/02	08:00:00	3600.00	76.1	81.7	78.7	76.3	75.3	72.0	68.3

Exit 22/SB/1, Site 1



Short-term Measurements

Site 2, 12 Cottage St.

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/19/02	12:43	15	73.5	12	1.1	74.6	79.2
2	11/20/02	7:04	15	73.5	7	0.7	74.2	78.8

Site 3, 46 Alto

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/19/02	14:03	20	68.4	14	0.8	69.2	73.8
2	11/20/02	7:29	15	68.1	7	0.7	68.8	73.4

Site 4, 62 Fox Island

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/19/02	14:29	20	69.4	14	0.8	70.2	74.8
2	11/20/02	7:52	15	69.4	7	0.7	70.1	74.7

NYSTA Thruway-wide Prioritization Study
DBF file: 70i26196.dbf
Converted 12/12/02 by JAV

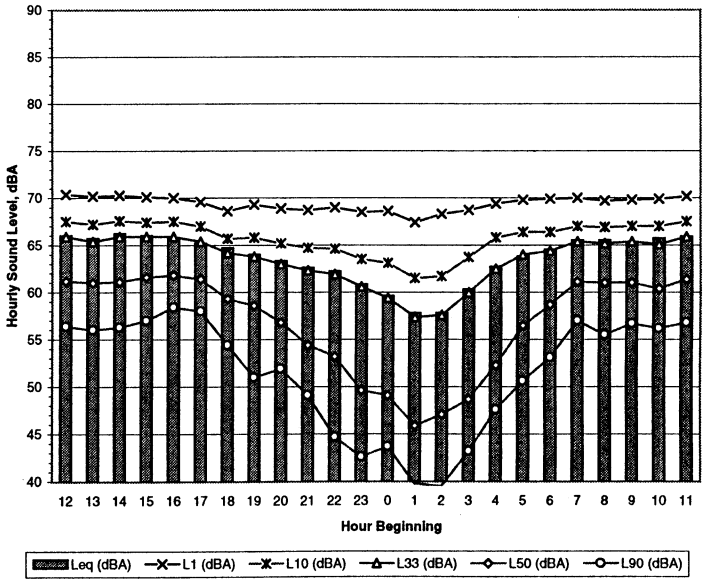
Assessment Area:	ML EXIT 19/SB/1	
Ldn:	68.8	dBA
Loudest Hour Leq:	66.2	dBA
Ldn - Loudest Hour:	2.6	dB

24-Hour Measurement

Site A-LT1 (FA70), Bld. #13 Country Village Court

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
12	11/18/2002	12:00:00	3600.00	66.0	70.4	67.5	65.9	61.2	56.4	60.8
13	11/18/2002	13:00:00	3600.00	65.7	70.2	67.2	65.4	61.0	56.0	60.5
14	11/18/2002	14:00:00	3600.00	66.2	70.3	67.6	65.9	61.1	56.3	61.6
15	11/18/2002	15:00:00	3600.00	66.0	70.1	67.4	65.9	61.6	57.0	63.5
16	11/18/2002	16:00:00	3600.00	65.7	70.0	67.5	65.9	61.8	58.4	64.4
17	11/18/2002	17:00:00	3600.00	65.2	69.6	67.0	65.4	61.4	58.0	63.9
18	11/18/2002	18:00:00	3600.00	64.7	68.6	65.7	64.2	59.3	54.4	59.0
19	11/18/2002	19:00:00	3600.00	64.0	69.3	65.8	63.8	58.6	51.0	56.5
20	11/18/2002	20:00:00	3600.00	63.3	68.9	65.2	63.0	56.8	51.9	54.8
21	11/18/2002	21:00:00	3600.00	62.6	68.7	64.7	62.3	54.4	49.1	51.8
22	11/18/2002	22:00:00	3600.00	62.2	69.0	64.6	61.9	53.2	44.7	51.0
23	11/18/2002	23:00:00	3600.00	60.8	68.5	63.5	60.6	49.6	42.6	45.7
0	11/19/2002	00:00:00	3600.00	59.6	68.6	63.1	59.4	49.1	43.7	42.1
1	11/19/2002	01:00:00	3600.00	57.8	67.4	61.5	57.4	45.9	39.8	40.5
2	11/19/2002	02:00:00	3600.00	57.8	68.3	61.7	57.6	47.1	39.5	41.6
3	11/19/2002	03:00:00	3600.00	60.3	68.7	63.7	60.0	48.7	43.2	43.2
4	11/19/2002	04:00:00	3600.00	62.7	69.4	65.8	62.5	52.3	47.6	48.9
5	11/19/2002	05:00:00	3600.00	63.8	69.8	66.4	64.0	56.5	50.6	52.2
6	11/19/2002	06:00:00	3600.00	64.5	69.9	66.4	64.4	58.7	53.1	60.2
7	11/19/2002	07:00:00	3600.00	65.5	70.0	67.0	65.4	61.1	57.0	64.0
8	11/19/2002	08:00:00	3600.00	65.5	69.7	66.9	65.2	61.0	55.5	61.3
9	11/19/2002	09:00:00	3600.00	65.3	69.8	67.0	65.4	61.0	56.7	58.3
10	11/19/2002	10:00:00	3600.00	65.7	69.9	67.0	65.1	60.4	56.2	55.7
11	11/19/2002	11:00:00	3600.00	65.9	70.2	67.5	65.9	61.4	56.8	55.8

Exit 19/SB/1, Site FA70



Short-term Measurements

Site V-M1 (FA72), Bld. #12 Country Village

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/18/2002	14:46	15	**71.6**	15	**0.2**	**71.8**	**74.4**
	11/18/2002	16:34	15	**71.7**	16	**0.5**	**72.2**	**74.8**

Site V-M2 (FA73), Bld. #2 Country Village

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/18/2002	15:32	15	**70.7**	15	**0.2**	**70.9**	**73.5**
2	11/18/2002	16:09	20	**70.9**	16	**0.5**	**71.4**	**74.0**

NYSTA Thruway-wide Prioritization Study
DBF file: 30i25596.dbf
Converted 01/01/03 by JAV

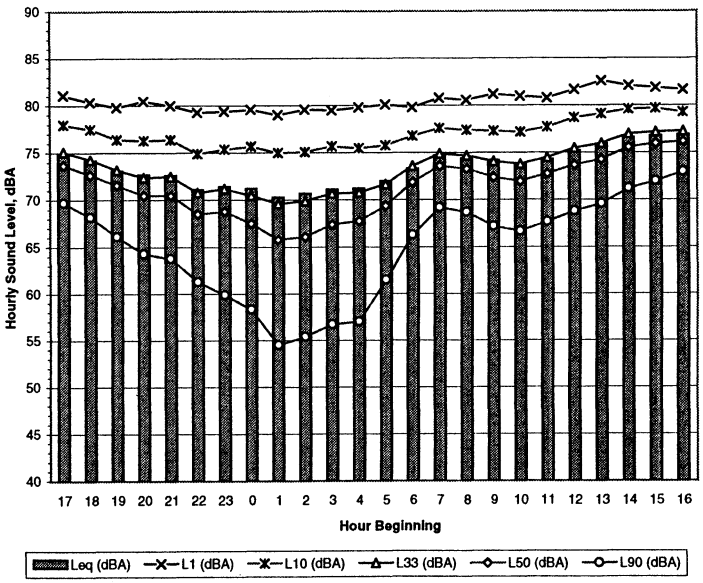
Assessment Area:	ML EXIT 23/NB/1
Ldn:	78.6 dBA
Loudest Hour Leq:	76.9 dBA
Ldn - Loudest Hour:	1.7 dB

24-Hour Measurement

Site A-LT2 (FA30), 406 Mountain

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
17	11/11/2002	17:00:00	3600.00	74.9	81.1	78.0	75.1	73.7	69.7	66.2
18	11/11/2002	18:00:00	3600.00	74.2	80.4	77.5	74.3	72.7	68.2	64.5
19	11/11/2002	19:00:00	3600.00	73.1	79.8	76.4	73.2	71.6	66.1	60.4
20	11/11/2002	20:00:00	3600.00	72.7	80.5	76.3	72.4	70.5	64.3	59.4
21	11/11/2002	21:00:00	3600.00	72.6	80.0	76.4	72.5	70.5	63.8	57.7
22	11/11/2002	22:00:00	3600.00	71.1	79.3	74.9	70.8	68.5	61.3	54.5
23	11/11/2002	23:00:00	3600.00	71.4	79.4	75.4	71.2	68.8	59.9	53.0
0	11/12/2002	00:00:00	3600.00	71.2	79.6	75.7	70.5	67.5	58.3	52.4
1	11/12/2002	01:00:00	3600.00	70.3	79.0	75.0	69.6	65.8	54.5	48.5
2	11/12/2002	02:00:00	3600.00	70.7	79.6	75.1	69.9	66.1	55.4	49.2
3	11/12/2002	03:00:00	3600.00	71.1	79.5	75.7	70.7	67.4	56.7	49.3
4	11/12/2002	04:00:00	3600.00	71.2	79.8	75.5	70.8	67.8	57.0	51.9
5	11/12/2002	05:00:00	3600.00	72.0	80.1	75.8	71.7	69.4	61.5	53.9
6	11/12/2002	06:00:00	3600.00	73.3	79.8	76.8	73.6	71.9	66.3	61.3
7	11/12/2002	07:00:00	3600.00	74.7	80.8	77.6	74.9	73.6	69.2	65.5
8	11/12/2002	08:00:00	3600.00	74.4	80.6	77.4	74.7	73.3	68.7	63.7
9	11/12/2002	09:00:00	3600.00	74.2	81.2	77.3	74.1	72.4	67.2	62.5
10	11/12/2002	10:00:00	3600.00	73.8	81.0	77.2	73.8	72.0	66.7	62.8
11	11/12/2002	11:00:00	3600.00	74.3	80.8	77.7	74.5	72.8	67.7	62.9
12	11/12/2002	12:00:00	3600.00	75.2	81.7	78.7	75.5	73.7	68.8	64.5
13	11/12/2002	13:00:00	3600.00	75.9	82.6	79.1	76.0	74.3	69.6	65.8
14	11/12/2002	14:00:00	3600.00	76.6	82.1	79.6	77.0	75.6	71.2	67.6
15	11/12/2002	15:00:00	3600.00	76.8	81.9	79.7	77.2	76.0	72.0	68.1
16	11/12/2002	16:00:00	3600.00	76.9	81.7	79.3	77.3	76.2	73.0	69.5

Exit 23/NB/1, Site FA30



Short-term Measurements

Site W-M1 (FA35), 120 Kenosha

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/13/2002	14:27	15	74.1	14	0.3	74.4	76.1
2	11/13/2002	16:01	20	74.8	16	0.0	74.8	76.5

Site W-M2 (FA36), 44B Leighton Street

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/13/2002	14:52	15	74.6	15	0.1	74.7	76.4
2	11/13/2002	16:31	15	74.7	16	0.0	74.7	76.4

NYSTA Thruway-wide Prioritization Study
DBF file: 31i24096.dbf
Converted 12/06/02 by JAV

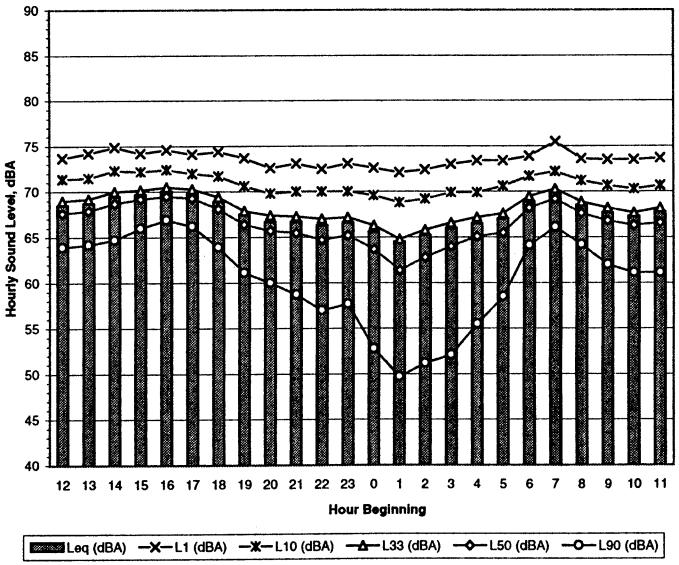
Assessment Area:	ML EXIT 23/NB/2
Ldn:	73.3 dBA
Loudest Hour Leq:	70.1 dBA
Ldn - Loudest Hour:	3.2 dB

24-Hour Measurement

Site A-LT3 (FA31), Swartson Court

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
12	10/28/2002	12:00:00	3600.00	68.5	73.7	71.4	69.0	67.6	63.9	60.8
13	10/28/2002	13:00:00	3600.00	68.7	74.2	71.5	69.2	67.9	64.2	60.5
14	10/28/2002	14:00:00	3600.00	69.5	74.9	72.3	70.0	68.7	64.7	61.6
15	10/28/2002	15:00:00	3600.00	69.7	74.2	72.2	70.2	69.2	66.0	63.5
16	10/28/2002	16:00:00	3600.00	70.1	74.6	72.4	70.5	69.5	66.9	64.4
17	10/28/2002	17:00:00	3600.00	69.8	74.1	72.0	70.3	69.3	66.2	63.9
18	10/28/2002	18:00:00	3600.00	68.9	74.4	71.7	69.4	68.1	63.9	59.0
19	10/28/2002	19:00:00	3600.00	67.5	73.7	70.6	67.9	66.4	61.1	56.5
20	10/28/2002	20:00:00	3600.00	66.7	72.6	69.8	67.4	65.7	60.0	54.8
21	10/28/2002	21:00:00	3600.00	66.7	73.1	70.0	67.3	65.5	58.7	51.8
22	10/28/2002	22:00:00	3600.00	66.3	72.5	70.0	67.0	64.7	57.0	51.0
23	10/28/2002	23:00:00	3600.00	66.6	73.1	70.0	67.2	65.2	57.7	45.7
0	10/29/2002	00:00:00	3600.00	65.6	72.6	69.6	66.3	63.7	52.8	42.1
1	10/29/2002	01:00:00	3600.00	64.5	72.1	68.8	64.8	61.4	49.7	40.5
2	10/29/2002	02:00:00	3600.00	65.2	72.4	69.2	65.8	62.8	51.2	41.6
3	10/29/2002	03:00:00	3600.00	66.0	73.0	69.9	66.6	64.0	52.1	43.2
4	10/29/2002	04:00:00	3600.00	66.5	73.4	69.9	67.2	65.1	55.5	48.9
5	10/29/2002	05:00:00	3600.00	67.0	73.4	70.6	67.6	65.5	58.5	52.2
6	10/29/2002	06:00:00	3600.00	68.9	73.9	71.7	69.5	68.2	64.1	60.2
7	10/29/2002	07:00:00	3600.00	69.9	75.5	72.2	70.3	69.2	66.1	64.0
8	10/29/2002	08:00:00	3600.00	68.5	73.6	71.2	68.9	67.6	64.2	61.3
9	10/29/2002	09:00:00	3600.00	67.7	73.5	70.7	68.2	66.8	62.0	58.3
10	10/29/2002	10:00:00	3600.00	67.3	73.5	70.3	67.7	66.3	61.1	55.7
11	10/29/2002	11:00:00	3600.00	67.8	73.7	70.7	68.2	66.6	61.1	55.8

Exit 23/NB/2, Site FA31



Short-term Measurements

Site X-M1 (FA32), 428 Whitehall Road

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/28/2002	11:44	15	74.0	12	1.6	75.6	78.6
2	10/28/2002	16:02	15	75.4	16	0.0	75.4	78.6

Site X-M2 (FA33), 33 Victoria Way

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/28/2002	12:26	20	59.1	12	1.6	60.7	63.9
2	10/28/2002	16:25	20	62.7	16	0.0	62.7	65.9

Site X-M3 (FA34), 105 Rose Court

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/28/2002	14:29	15	74.9	14	0.8	75.5	78.7
2	10/29/2002	07:57	15	74.1	8	1.6	75.7	78.9

NYSTA Thruway-wide Prioritization Study
DBF file: 60i25496.dbf
Converted 01/01/03 by JAV

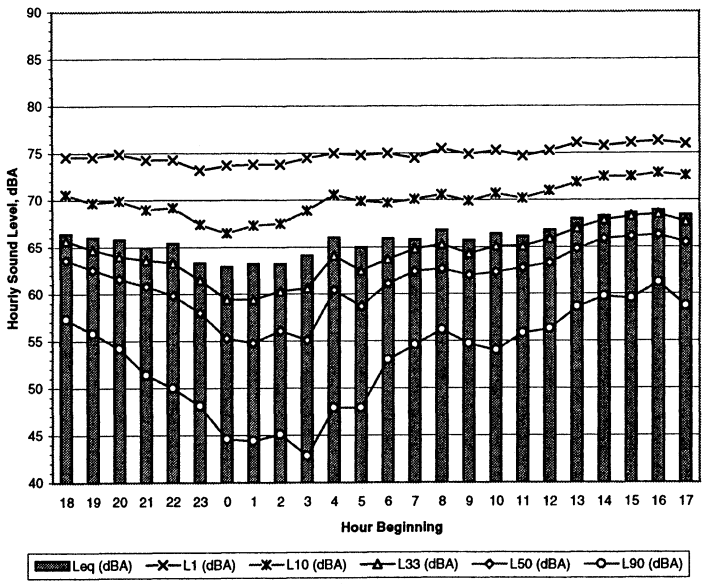
Assessment Area:	ML EXIT 28/WB/1
Ldn:	71.4 dBA
Loudest Hour Leq:	68.9 dBA
Ldn - Loudest Hour:	2.5 dB

24-Hour Measurement

Site A-LT4 (FA60), 24 Washigton Street

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
18	11/11/2002	18:00:00	3600.00	66.4	74.6	70.6	65.7	63.6	57.3	51.8
19	11/11/2002	19:00:00	3600.00	66.0	74.6	69.7	64.7	62.6	55.8	50.0
20	11/11/2002	20:00:00	3600.00	65.8	74.9	69.9	64.0	61.6	54.2	46.8
21	11/11/2002	21:00:00	3600.00	64.9	74.3	69.0	63.6	60.8	51.4	45.4
22	11/11/2002	22:00:00	3600.00	65.4	74.3	69.2	63.3	59.8	50.0	43.5
23	11/11/2002	23:00:00	3600.00	63.3	73.2	67.4	61.5	58.0	48.1	42.8
0	11/12/2002	00:00:00	3600.00	62.9	73.7	66.5	59.4	55.3	44.6	40.1
1	11/12/2002	01:00:00	3600.00	63.2	73.8	67.3	59.4	54.8	44.4	39.7
2	11/12/2002	02:00:00	3600.00	63.2	73.8	67.5	60.3	56.1	45.1	41.6
3	11/12/2002	03:00:00	3600.00	64.1	74.5	68.9	60.6	55.1	42.8	38.0
4	11/12/2002	04:00:00	3600.00	66.0	75.0	70.6	64.1	60.4	47.9	40.0
5	11/12/2002	05:00:00	3600.00	65.0	74.8	69.9	62.5	58.7	47.9	40.4
6	11/12/2002	06:00:00	3600.00	65.9	75.0	69.7	63.7	61.1	53.0	47.3
7	11/12/2002	07:00:00	3600.00	65.8	74.5	70.1	64.8	62.4	54.6	48.4
8	11/12/2002	08:00:00	3600.00	66.8	75.5	70.6	65.3	62.7	56.2	51.7
9	11/12/2002	09:00:00	3600.00	65.7	74.9	69.9	64.3	62.0	54.7	47.9
10	11/12/2002	10:00:00	3600.00	66.4	75.3	70.7	65.1	62.3	54.0	49.0
11	11/12/2002	11:00:00	3600.00	66.1	74.7	70.2	65.1	62.8	55.8	48.2
12	11/12/2002	12:00:00	3600.00	66.8	75.3	71.0	65.9	63.3	56.3	50.3
13	11/12/2002	13:00:00	3600.00	68.0	76.1	71.9	67.0	64.8	58.6	52.7
14	11/12/2002	14:00:00	3600.00	68.3	75.8	72.5	67.9	65.9	59.7	53.1
15	11/12/2002	15:00:00	3600.00	68.6	76.1	72.5	68.3	66.1	59.5	52.3
16	11/12/2002	16:00:00	3600.00	68.9	76.3	72.9	68.5	66.3	61.2	56.3
17	11/12/2002	17:00:00	3600.00	68.4	76.0	72.6	67.7	65.5	58.7	53.9

Exit 28/WB/1, Site FA60



Short-term Measurements

Site Y-M1 (FA61), 7 John Street

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/12/2002	08:24	20	65.9	8	2.1	68.0	70.5
2	11/12/2002	09:22	20	64.8	9	3.2	68.0	70.5

Site Y-M2 (FA62), 34 Franklin Street

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/12/2002	08:49	20	68.9	8	2.1	71.0	73.5
2	11/12/2002	09:50	20	67.9	10	2.5	70.4	72.9

NYSTA Thruway-wide Prioritization Study
DBF file: 40i24196.dbf
Converted 12/06/02 by JAV

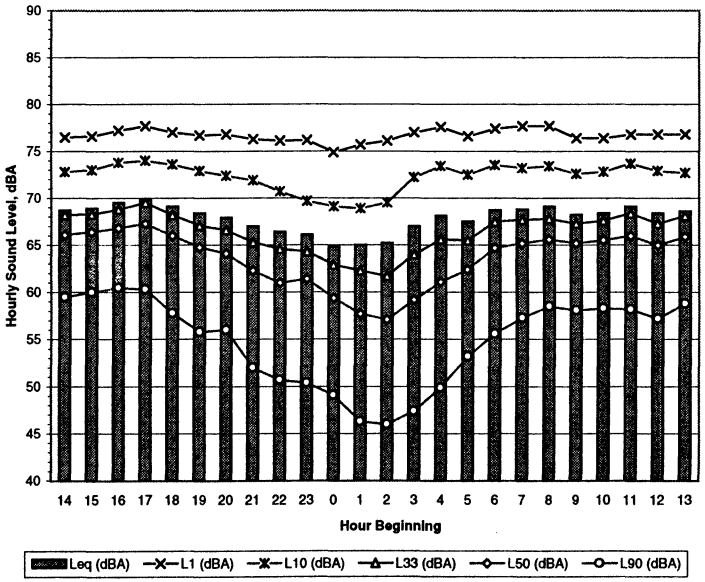
Assessment Area:	ML EXIT 30/WB/3	
Ldn:	73.5	dBA
Loudest Hour Leq:	69.9	dBA
Ldn - Loudest Hour:	3.6	dB

24-Hour Measurement

Site S-LT1 (FA40), Candlewyck Apts.

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
14	10/29/2002	14:00:00	3600.00	68.7	76.5	72.8	68.2	66.1	59.5	51.6
15	10/29/2002	15:00:00	3600.00	68.9	76.6	73.0	68.3	66.4	60.0	54.8
16	10/29/2002	16:00:00	3600.00	69.5	77.2	73.8	68.8	66.8	60.5	55.2
17	10/29/2002	17:00:00	3600.00	69.9	77.7	74.0	69.5	67.3	60.3	55.3
18	10/29/2002	18:00:00	3600.00	69.1	77.0	73.6	68.2	66.0	57.8	52.0
19	10/29/2002	19:00:00	3600.00	68.4	76.7	72.9	67.1	64.8	55.8	49.7
20	10/29/2002	20:00:00	3600.00	67.9	76.8	72.4	66.6	64.1	56.0	50.3
21	10/29/2002	21:00:00	3600.00	67.0	76.3	71.9	65.3	62.3	52.0	47.1
22	10/29/2002	22:00:00	3600.00	66.4	76.1	70.7	64.6	61.0	50.7	43.6
23	10/29/2002	23:00:00	3600.00	66.1	76.2	69.7	64.3	61.4	50.4	44.1
0	10/30/2002	00:00:00	3600.00	64.9	74.9	69.1	62.9	59.4	49.1	40.8
1	10/30/2002	01:00:00	3600.00	65.0	75.7	68.9	62.3	57.7	46.3	38.9
2	10/30/2002	02:00:00	3600.00	65.2	76.1	69.5	61.7	57.1	46.0	35.7
3	10/30/2002	03:00:00	3600.00	67.0	77.0	72.2	64.0	59.2	47.4	40.7
4	10/30/2002	04:00:00	3600.00	68.1	77.6	73.4	65.6	61.1	49.9	45.4
5	10/30/2002	05:00:00	3600.00	67.5	76.6	72.5	65.5	62.4	53.2	47.5
6	10/30/2002	06:00:00	3600.00	68.7	77.4	73.5	67.5	64.7	55.6	51.0
7	10/30/2002	07:00:00	3600.00	68.8	77.7	73.2	67.7	65.2	57.3	53.1
8	10/30/2002	08:00:00	3600.00	69.1	77.7	73.4	67.8	65.6	58.5	53.5
9	10/30/2002	09:00:00	3600.00	68.2	76.4	72.6	67.3	65.2	58.1	53.1
10	10/30/2002	10:00:00	3600.00	68.4	76.4	72.8	67.6	65.5	58.3	51.1
11	10/30/2002	11:00:00	3600.00	69.1	76.8	73.7	68.4	66.0	58.2	51.3
12	10/30/2002	12:00:00	3600.00	68.4	76.8	72.9	67.3	65.0	57.2	51.8
13	10/30/2002	13:00:00	3600.00	68.6	76.8	72.7	68.1	65.9	58.8	54.3

Exit 30/WB/3, Site FA40



Short-term Measurements

Site Z-M1 (FA44), Candlewyck Apts.

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/29/2002	14:48	15	67.9	15	1.0	68.9	72.5
2	10/29/2002	16:36	15	69.8	16	0.4	70.2	73.8

Site Z-M2 (FA45), 230 Herkimer Road

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/14/2002	07:40	15	68.8	8	0.8	69.6	73.2
2	11/14/2002	09:11	15	66.6	9	1.7	68.3	71.9

NYSTA Thruway-wide Prioritization Study
DBF file: 41i24196.dbf
Converted 12/06/02 by JAV

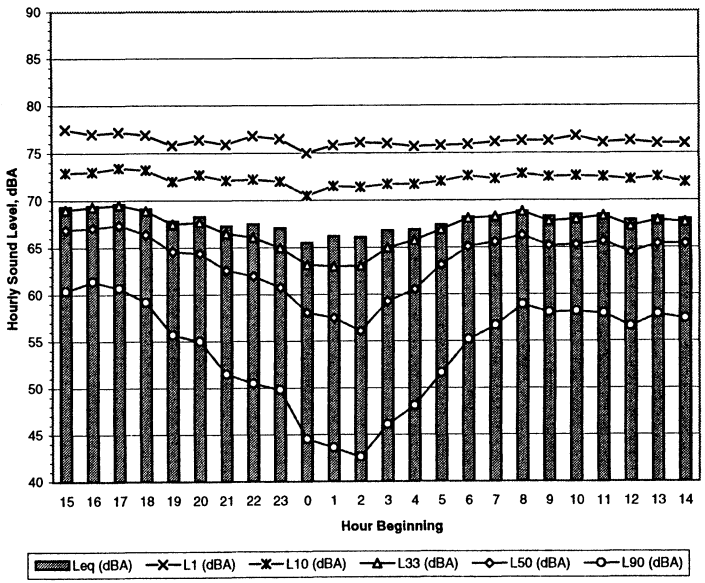
Assessment Area:	ML EXIT 31/EB/2	
Ldn:	73.6	dBA
Loudest Hour Leq:	69.6	dBA
Ldn - Loudest Hour:	4.0	dB

24-Hour Measurement

Site S-LT2 (FA41), 263 Joseph Street

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
15	10/29/2002	15:00:00	3600.00	69.3	77.5	72.9	69.0	66.9	60.4	55.2
16	10/29/2002	16:00:00	3600.00	69.4	77.0	73.0	69.3	67.1	61.4	56.5
17	10/29/2002	17:00:00	3600.00	69.6	77.2	73.4	69.5	67.4	60.7	54.7
18	10/29/2002	18:00:00	3600.00	69.1	76.9	73.2	68.9	66.4	59.2	53.2
19	10/29/2002	19:00:00	3600.00	67.8	75.8	72.0	67.5	64.6	55.7	50.7
20	10/29/2002	20:00:00	3600.00	68.3	76.4	72.7	67.7	64.4	55.0	48.5
21	10/29/2002	21:00:00	3600.00	67.3	75.9	72.1	66.5	62.6	51.5	42.4
22	10/29/2002	22:00:00	3600.00	67.5	76.8	72.2	66.1	62.0	50.5	44.7
23	10/29/2002	23:00:00	3600.00	67.1	76.5	72.0	65.0	60.8	49.8	41.6
0	10/30/2002	00:00:00	3600.00	65.5	75.0	70.5	63.2	58.1	44.5	31.2
1	10/30/2002	01:00:00	3600.00	66.2	75.8	71.5	63.0	57.5	43.6	35.5
2	10/30/2002	02:00:00	3600.00	66.1	76.1	71.4	63.1	56.1	42.6	35.5
3	10/30/2002	03:00:00	3600.00	66.8	76.0	71.7	65.0	59.3	46.1	36.0
4	10/30/2002	04:00:00	3600.00	66.9	75.7	71.7	65.8	60.6	48.1	41.6
5	10/30/2002	05:00:00	3600.00	67.4	75.8	72.0	66.9	63.2	51.6	47.1
6	10/30/2002	06:00:00	3600.00	68.2	75.9	72.6	68.1	65.1	55.2	48.9
7	10/30/2002	07:00:00	3600.00	68.3	76.2	72.3	68.3	65.6	56.7	51.1
8	10/30/2002	08:00:00	3600.00	68.8	76.3	72.8	68.8	66.3	58.9	51.7
9	10/30/2002	09:00:00	3600.00	68.3	76.3	72.5	67.8	65.2	58.1	51.0
10	10/30/2002	10:00:00	3600.00	68.5	76.8	72.6	68.0	65.3	58.2	51.0
11	10/30/2002	11:00:00	3600.00	68.5	76.1	72.5	68.4	65.7	58.0	51.2
12	10/30/2002	12:00:00	3600.00	67.9	76.3	72.2	67.3	64.5	56.6	50.9
13	10/30/2002	13:00:00	3600.00	68.2	76.0	72.5	67.9	65.4	57.9	52.6
14	10/30/2002	14:00:00	3600.00	68.0	76.0	71.9	67.7	65.4	57.4	51.1

Exit 31/EB/2, Site FA41



Short-term Measurements

Site AA-M1 (FA42), 220 Joseph Street

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/29/2002	14:48	15	67.5	14	1.6	69.1	73.1
2	10/29/2002	16:36	15	68.6	16	0.2	68.8	72.8

Site AA-M2 (FA43), 202 Joseph Street

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/29/2002	15:11	15	65.0	15	0.3	65.3	69.3
2	10/29/2002	16:56	15	66.1	17	0.0	66.1	70.1

NYSTA Thruway-wide Prioritization Study
DBF file: 19i23596.dbf
Converted 12/02/02 by JAV

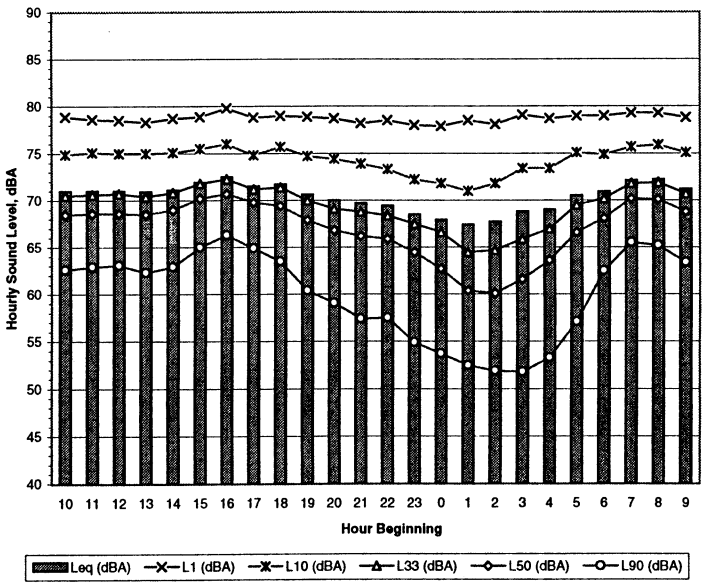
Assessment Area:	ML EXIT 35/WB/1	
Ldn:	75.9	dBA
Loudest Hour Leq:	72.5	dBA
Ldn - Loudest Hour:	3.4	dB

24-Hour Measurement

Site S-LT3 (FA19), 206 Mohawk Drive

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
10	10/24/2002	10:00:00	3600.00	71.0	78.9	74.9	70.5	68.5	62.6	57.3
11	10/24/2002	11:00:00	3600.00	71.0	78.6	75.1	70.6	68.6	62.9	57.5
12	10/24/2002	12:00:00	3600.00	71.0	78.5	75.0	70.7	68.6	63.1	58.1
13	10/24/2002	13:00:00	3600.00	70.9	78.3	75.0	70.4	68.5	62.3	56.6
14	10/24/2002	14:00:00	3600.00	71.1	78.7	75.1	70.8	69.0	62.9	55.7
15	10/24/2002	15:00:00	3600.00	71.9	78.9	75.5	71.8	70.2	65.0	60.1
16	10/24/2002	16:00:00	3600.00	72.5	79.8	76.0	72.3	70.7	66.3	62.2
17	10/24/2002	17:00:00	3600.00	71.5	78.8	74.8	71.2	69.8	64.9	60.8
18	10/24/2002	18:00:00	3600.00	71.7	79.0	75.7	71.4	69.4	63.5	57.6
19	10/24/2002	19:00:00	3600.00	70.6	78.9	74.7	70.0	67.9	60.4	53.7
20	10/24/2002	20:00:00	3600.00	70.0	78.7	74.4	69.1	66.8	59.1	51.1
21	10/24/2002	21:00:00	3600.00	69.7	78.2	73.9	68.8	66.2	57.4	50.9
22	10/24/2002	22:00:00	3600.00	69.4	78.5	73.3	68.4	65.9	57.5	50.9
23	10/24/2002	23:00:00	3600.00	68.5	78.0	72.2	67.5	64.5	54.9	50.3
0	10/25/2002	00:00:00	3600.00	67.9	77.9	71.8	66.6	62.7	53.7	47.5
1	10/25/2002	01:00:00	3600.00	67.4	78.5	71.0	64.5	60.4	52.5	47.8
2	10/25/2002	02:00:00	3600.00	67.7	78.1	71.8	64.7	60.1	51.9	48.1
3	10/25/2002	03:00:00	3600.00	68.8	79.1	73.4	65.9	61.6	51.8	48.2
4	10/25/2002	04:00:00	3600.00	69.0	78.7	73.4	67.0	63.6	53.3	47.3
5	10/25/2002	05:00:00	3600.00	70.5	79.0	75.1	69.5	66.6	57.1	52.6
6	10/25/2002	06:00:00	3600.00	70.9	79.0	74.9	70.2	68.1	62.5	57.9
7	10/25/2002	07:00:00	3600.00	72.1	79.3	75.7	71.8	70.2	65.5	61.7
8	10/25/2002	08:00:00	3600.00	72.2	79.3	75.9	71.9	70.1	65.2	61.3
9	10/25/2002	09:00:00	3600.00	71.2	78.8	75.1	70.7	68.8	63.4	58.5

Exit 35/WB/1, Site FA19



Short-term Measurements

Site BB-M1 (FA24), Toas/Young

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/25/2002	13:05	15	70.5	13	1.6	72.1	75.5
2	10/25/2002	16:25	15	72.0	16	0.0	72.0	75.4

Site BB-M2 (FA25), 316 Lind Ave.

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/25/2002	13:30	15	73.3	13	1.6	74.9	76.3
2	10/25/2002	16:00	20	75.6	16	0.0	75.6	79.0

NYSTA Thruway-wide Prioritization Study
DBF file: 13i23496.dbf
Converted 12/02/02 by JAV

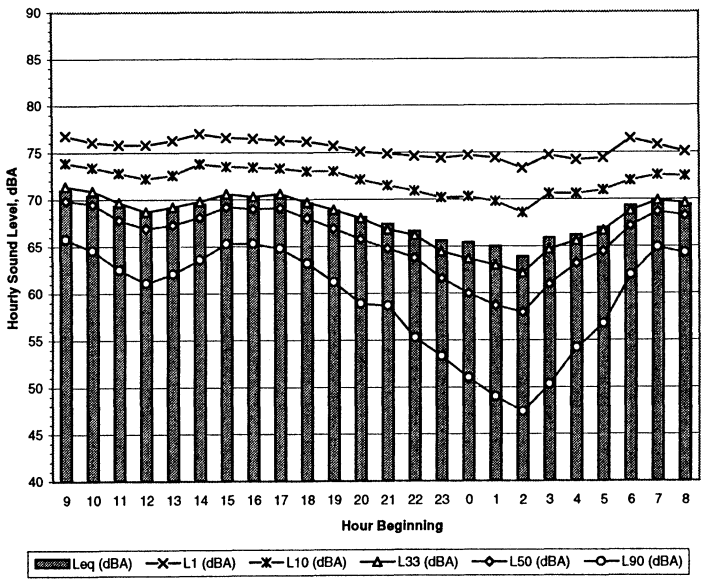
Assessment Area:	ML EXIT 38/EB/2
Ldn:	73.4 dBA
Loudest Hour Leq:	71.0 dBA
Ldn - Loudest Hour:	2.4 dB

24-Hour Measurement

Site S-LT4 (FA13), 201 Ontario Place

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
9	10/23/2002	09:00:00	3600.00	71.0	76.8	73.9	71.4	69.9	65.8	61.0
10	10/23/2002	10:00:00	3600.00	70.4	76.1	73.4	70.9	69.5	64.6	60.2
11	10/23/2002	11:00:00	3600.00	69.3	75.8	72.8	69.7	67.8	62.5	57.7
12	10/23/2002	12:00:00	3600.00	68.7	75.8	72.2	68.7	66.9	61.1	55.5
13	10/23/2002	13:00:00	3600.00	69.1	76.3	72.6	69.2	67.3	62.1	56.7
14	*10/23/2002*	*14:00:00*	*3600.00*	*69.5*	*77.0*	*73.8*	*69.8*	*68.1*	*63.6*	*59.8*
15	10/23/2002	15:00:00	3600.00	70.4	76.6	73.5	70.6	69.2	65.3	61.5
16	10/23/2002	16:00:00	3600.00	70.2	76.5	73.4	70.3	69.0	65.3	61.9
17	10/23/2002	17:00:00	3600.00	70.3	76.3	73.3	70.6	69.1	64.8	60.7
18	10/23/2002	18:00:00	3600.00	69.6	76.2	73.0	69.7	68.0	63.2	58.1
19	*10/23/2002*	*19:00:00*	*3600.00*	*68.8*	*75.7*	*73.0*	*68.9*	*66.9*	*61.2*	*56.8*
20	10/23/2002	20:00:00	3600.00	68.1	75.1	72.1	68.0	65.8	58.9	54.6
21	10/23/2002	21:00:00	3600.00	67.4	74.9	71.5	66.8	64.8	58.7	53.8
22	10/23/2002	22:00:00	3600.00	66.6	74.6	70.9	66.2	63.8	55.3	51.1
23	10/23/2002	23:00:00	3600.00	65.6	74.4	70.2	64.5	61.6	53.3	47.5
0	10/24/2002	00:00:00	3600.00	65.4	74.7	70.3	63.7	60.0	51.0	45.2
1	10/24/2002	01:00:00	3600.00	65.0	74.4	69.8	63.0	58.7	49.0	44.4
2	10/24/2002	02:00:00	3600.00	63.9	73.3	68.6	62.2	58.0	47.4	42.0
3	10/24/2002	03:00:00	3600.00	65.9	74.7	70.6	64.7	61.0	50.3	42.8
4	10/24/2002	04:00:00	3600.00	66.2	74.2	70.6	65.6	63.2	54.2	49.4
5	10/24/2002	05:00:00	3600.00	67.0	74.4	71.0	66.7	64.5	56.8	51.1
6	10/24/2002	06:00:00	3600.00	69.3	76.5	72.0	68.8	67.2	62.0	55.4
7	10/24/2002	07:00:00	3600.00	69.8	75.8	72.6	69.9	68.7	64.9	61.5
8	10/24/2002	08:00:00	3600.00	69.4	75.1	72.5	69.6	68.3	64.3	59.8

Exit 38/EB/2, Site FA13



Short-term Measurements

Site CC-M1 (FA14), 115 Ontario Place

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/23/2002	08:25	20	**69.6**	8	**1.6**	**71.2**	**73.6**
2	10/23/2002	14:56	20	**69.3**	15	**0.6**	**69.9**	**72.3**

Site CC-M2 (FA15), 611 Sunflower Drive

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/23/2002	09:05	15	**67.1**	9	**0.0**	**67.1**	**69.5**
2	10/23/2002	15:55	20	**65.4**	16	**0.8**	**66.2**	**68.6**

H-31

NYSTA Thruway-wide Prioritization Study
DBF file: 12i23496.dbf
Converted 12/02/02 by JAV

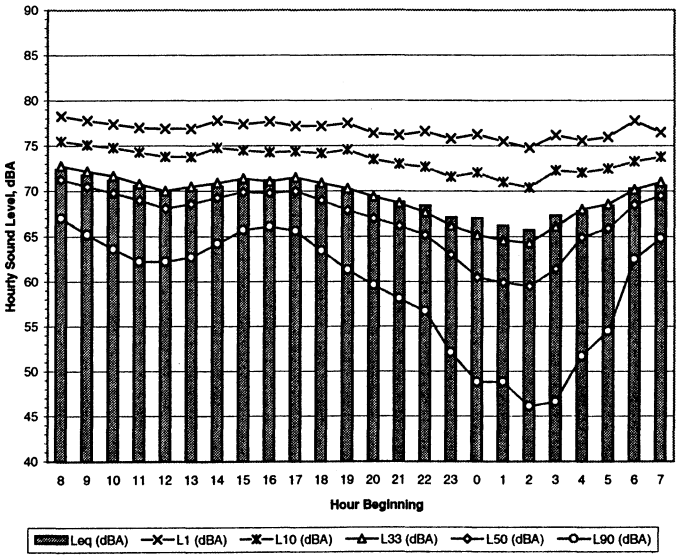
Assessment Area:	ML EXIT 38/EB/1
Ldn:	74.8 dBA
Loudest Hour Leq:	72.4 dBA
Ldn - Loudest Hour:	2.4 dB

24-Hour Measurement

Site S-LT5 (FA012), 206 Springmoor

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
8	10/23/2002	08:00:00	3600.00	72.4	78.3	75.5	72.8	71.3	67.0	62.5
9	10/23/2002	09:00:00	3600.00	71.8	77.8	75.1	72.2	70.5	65.2	59.0
10	10/23/2002	10:00:00	3600.00	71.2	77.4	74.8	71.7	69.8	63.6	57.9
11	10/23/2002	11:00:00	3600.00	70.6	77.0	74.3	70.8	69.0	62.2	54.8
12	10/23/2002	12:00:00	3600.00	70.0	76.9	73.8	70.0	68.1	62.2	56.2
13	10/23/2002	13:00:00	3600.00	70.2	76.9	73.8	70.5	68.6	62.7	58.0
14	*10/23/2002*	*14:00:00*	*3600.00*	*70.5*	*77.8*	*74.8*	*70.9*	*69.3*	*64.2*	*59.6*
15	10/23/2002	15:00:00	3600.00	71.2	77.4	74.5	71.4	69.9	65.7	61.6
16	10/23/2002	16:00:00	3600.00	71.2	77.7	74.3	71.1	69.8	66.1	62.8
17	10/23/2002	17:00:00	3600.00	71.2	77.2	74.4	71.5	70.0	65.6	62.0
18	10/23/2002	18:00:00	3600.00	70.6	77.2	74.2	70.9	69.0	63.4	57.2
19	*10/23/2002*	*19:00:00*	*3600.00*	*70.1*	*77.5*	*74.6*	*70.3*	*67.9*	*61.3*	*55.7*
20	10/23/2002	20:00:00	3600.00	69.4	76.4	73.5	69.4	67.0	59.6	53.4
21	10/23/2002	21:00:00	3600.00	68.8	76.2	73.0	68.7	66.2	58.1	50.2
22	10/23/2002	22:00:00	3600.00	68.4	76.6	72.7	67.7	65.2	56.7	50.0
23	10/23/2002	23:00:00	3600.00	67.1	75.8	71.6	66.2	63.0	52.1	43.9
0	10/24/2002	00:00:00	3600.00	67.0	76.3	72.1	65.2	60.5	48.8	44.7
1	10/24/2002	01:00:00	3600.00	66.2	75.5	71.0	64.6	59.9	48.8	43.5
2	10/24/2002	02:00:00	3600.00	65.7	74.8	70.4	64.3	59.5	46.1	41.5
3	10/24/2002	03:00:00	3600.00	67.3	76.2	72.3	66.1	61.4	46.6	39.3
4	10/24/2002	04:00:00	3600.00	67.8	75.6	72.1	68.0	64.9	51.7	46.0
5	10/24/2002	05:00:00	3600.00	68.4	76.0	72.5	68.6	65.9	54.5	46.6
6	10/24/2002	06:00:00	3600.00	70.3	77.8	73.3	70.2	68.5	62.5	56.3
7	10/24/2002	07:00:00	3600.00	70.6	76.5	73.8	71.0	69.5	64.8	59.7

Exit 38/EB/1, Site 1



Short-term Measurements

Site DD-M1 (FA16), 302 7th Street

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/23/2002	09:46	20	**64.8**	10	1.2	66.0	68.4
2	10/23/2002	16:34	20	**66.0**	16	1.2	67.2	69.6

Site DD-M2 (FA17), 209 7th Street

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/23/2002	10:35	15	**64.5**	10	1.2	65.7	68.1
2	10/23/2002	17:00	15	**64.9**	17	1.2	66.1	68.5

Site DD-M3 (FA18), Springmoor Clubhouse

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/23/2002	11:25	20	**70.1**	11	1.8	71.9	74.3
2	10/23/2002	17:21	20	**70.3**	17	1.2	71.5	73.9

NYSTA Thruway-wide Prioritization Study
DBF file: 20i23696.dbf
Converted 12/05/02 by JAV

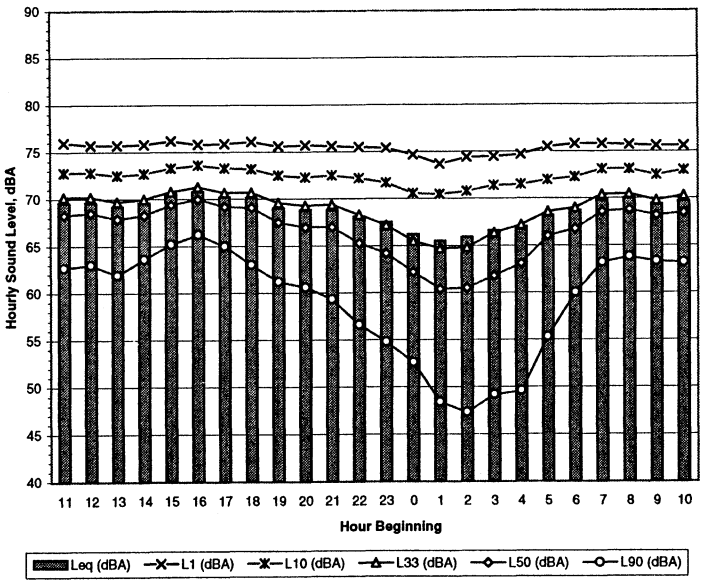
Assessment Area:	ML EXIT 39/EB/1
Ldn:	74.1 dBA
Loudest Hour Leq:	70.8 dBA
Ldn - Loudest Hour:	3.3 dB

24-Hour Measurement

Site S-LT6 (FA20), 105 Footprint Circle

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
11	10/24/2002	11:00:00	3600.00	69.6	76.0	72.8	70.2	68.3	62.7	57.4
12	10/24/2002	12:00:00	3600.00	69.6	75.7	72.8	70.2	68.5	63.0	56.7
13	10/24/2002	13:00:00	3600.00	69.2	75.7	72.5	69.7	67.9	61.9	55.1
14	10/24/2002	14:00:00	3600.00	69.6	75.8	72.7	70.0	68.3	63.6	58.9
15	10/24/2002	15:00:00	3600.00	70.6	76.2	73.3	70.8	69.4	65.2	60.3
16	10/24/2002	16:00:00	3600.00	70.8	75.8	73.6	71.3	70.0	66.2	62.7
17	10/24/2002	17:00:00	3600.00	70.2	75.9	73.3	70.7	69.2	65.0	60.3
18	10/24/2002	18:00:00	3600.00	70.1	76.1	73.2	70.7	69.1	63.0	56.6
19	10/24/2002	19:00:00	3600.00	69.0	75.6	72.5	69.6	67.5	61.2	54.2
20	10/24/2002	20:00:00	3600.00	68.8	75.7	72.3	69.3	67.0	60.6	52.3
21	10/24/2002	21:00:00	3600.00	68.8	75.6	72.5	69.4	67.0	59.3	51.1
22	10/24/2002	22:00:00	3600.00	68.1	75.5	72.2	68.3	65.3	56.6	48.3
23	10/24/2002	23:00:00	3600.00	67.5	75.4	71.7	67.2	64.2	54.8	49.0
0	10/25/2002	00:00:00	3600.00	66.2	74.7	70.6	65.5	62.2	52.6	47.1
1	10/25/2002	01:00:00	3600.00	65.5	73.7	70.5	64.7	60.4	48.4	39.9
2	10/25/2002	02:00:00	3600.00	65.9	74.4	70.8	64.8	60.5	47.3	40.2
3	10/25/2002	03:00:00	3600.00	66.6	74.5	71.4	66.4	61.8	49.2	42.0
4	10/25/2002	04:00:00	3600.00	67.0	74.7	71.5	67.2	63.1	49.6	44.2
5	10/25/2002	05:00:00	3600.00	68.2	75.5	72.0	68.6	66.0	55.3	48.6
6	10/25/2002	06:00:00	3600.00	68.7	75.8	72.3	69.0	66.8	60.0	52.3
7	10/25/2002	07:00:00	3600.00	69.8	75.8	73.1	70.4	68.6	63.2	58.3
8	10/25/2002	08:00:00	3600.00	70.0	75.7	73.1	70.5	68.8	63.8	58.6
9	10/25/2002	09:00:00	3600.00	69.4	75.6	72.5	69.8	68.2	63.3	56.6
10	10/25/2002	10:00:00	3600.00	69.7	75.6	73.0	70.3	68.5	63.2	58.4

Exit 39/EB/1, Site FA20



Short-term Measurements

Site EE-M1 (FA21), 324 Garfield Ave.

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/24/2002	10:57	15	70.3	11	1.2	71.5	74.8
2	10/25/2002	07:08	15	69.4	7	1.0	70.4	73.7

Site EE-M2 (FA22), 502 Tyler Terrace

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/24/2002	11:27	15	70.2	11	1.2	71.4	74.7
2	10/25/2002	07:31	20	72.3	7	1.0	73.3	76.6

Site EE-M3 (FA23), 128 / 130 Myers Road

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/24/2002	12:04	20	56.3	12	1.2	57.5	60.8
2	10/25/2002	08:00	15	63.3	8	0.8	64.1	67.4

NYSTA Thruway-wide Prioritization Study
DBF file: 07i22296.dbf
Converted 12/02/02 by JAV

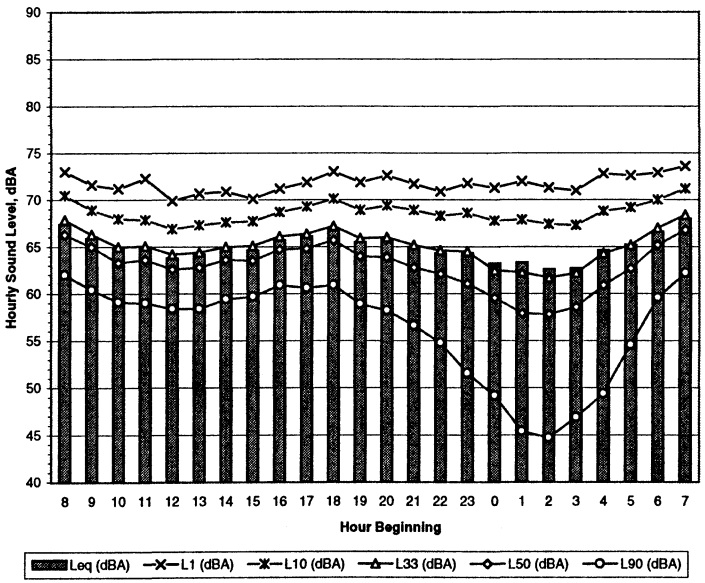
Assessment Area:	ML EXIT 43/EB/3	
Ldn:	70.9	dBA
Loudest Hour Leq:	68.0	dBA
Ldn - Loudest Hour:	2.9	dB

24-Hour Measurement

Site S-LT7 (FA07), White Spruce

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
8	10/15/2002	08:00:00	3600.00	67.4	73.0	70.5	67.9	66.3	62.0	57.9
9	10/15/2002	09:00:00	3600.00	65.9	71.6	68.9	66.3	65.0	60.4	56.4
10	10/15/2002	10:00:00	3600.00	64.8	71.2	68.0	65.0	63.3	59.1	56.1
11	10/15/2002	11:00:00	3600.00	65.0	72.3	67.9	65.1	63.6	59.0	55.9
12	10/15/2002	12:00:00	3600.00	63.8	69.9	66.9	64.2	62.6	58.4	55.4
13	10/15/2002	13:00:00	3600.00	64.2	70.7	67.3	64.4	62.8	58.4	55.5
14	10/15/2002	14:00:00	3600.00	64.8	70.9	67.6	65.0	63.6	59.4	56.9
15	10/15/2002	15:00:00	3600.00	64.6	70.1	67.7	65.1	63.5	59.7	57.1
16	10/15/2002	16:00:00	3600.00	65.7	71.2	68.7	66.1	64.7	60.9	58.3
17	10/15/2002	17:00:00	3600.00	66.1	71.9	69.3	66.4	64.8	60.6	57.1
18	10/15/2002	18:00:00	3600.00	66.9	73.0	70.1	67.2	65.7	60.9	56.7
19	10/15/2002	19:00:00	3600.00	65.5	71.9	68.9	65.9	64.0	58.9	54.4
20	10/15/2002	20:00:00	3600.00	65.8	72.6	69.4	66.0	63.9	58.2	53.8
21	10/15/2002	21:00:00	3600.00	65.0	71.7	68.9	65.2	62.8	56.6	50.7
22	10/15/2002	22:00:00	3600.00	64.3	70.9	68.3	64.6	62.1	54.8	48.4
23	10/15/2002	23:00:00	3600.00	64.3	71.8	68.6	64.5	61.1	51.6	44.5
0	10/16/2002	00:00:00	3600.00	63.2	71.3	67.8	62.5	59.6	49.2	42.0
1	10/16/2002	01:00:00	3600.00	63.3	72.0	67.9	62.3	57.9	45.4	38.2
2	10/16/2002	02:00:00	3600.00	62.6	71.3	67.4	61.7	57.8	44.7	40.2
3	10/16/2002	03:00:00	3600.00	62.7	71.0	67.3	62.2	58.6	46.9	40.0
4	10/16/2002	04:00:00	3600.00	64.6	72.8	68.8	64.3	60.9	49.4	43.8
5	10/16/2002	05:00:00	3600.00	65.2	72.6	69.2	65.2	62.7	54.6	48.6
6	10/16/2002	06:00:00	3600.00	66.6	72.9	70.0	67.0	65.2	59.6	54.1
7	10/16/2002	07:00:00	3600.00	68.0	73.6	71.2	68.4	66.8	62.2	57.4

Exit 43/EB/3, Site FA07



Short-term Measurements

Site FF-M1 (FA08), 201 Spring Road

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/15/2002	08:17	15	67.6	8	0.6	68.2	71.1
2	10/15/2002	13:34	20	66.2	13	3.8	70.0	72.9

Site FF-M2 (FA09), 67 Prestige

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/15/2002	08:43	20	66.1	9	2.1	68.2	71.1
2	10/15/2002	13:00	15	64.3	13	3.8	68.1	71.0

NYSTA Thruway-wide Prioritization Study
DBF file: 06i22296.dbf
Converted 12/02/02 by JAV

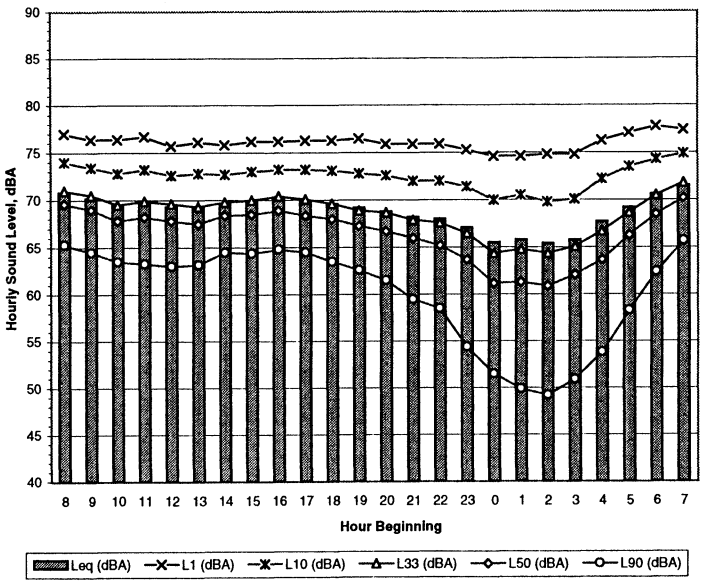
Assessment Area:	ML EXIT 43/EB/1	
Ldn:	74.4	dBA
Loudest Hour Leq:	71.5	dBA
Ldn - Loudest Hour:	2.9	dB

24-Hour Measurement

Site S-LT8 (FA06), 204 Saratoga

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
8	10/15/2002	08:00:00	3600.00	70.8	77.0	74.0	71.0	69.6	65.3	61.0
9	10/15/2002	09:00:00	3600.00	70.2	76.4	73.4	70.5	69.0	64.5	62.0
10	10/15/2002	10:00:00	3600.00	69.5	76.4	72.8	69.5	67.8	63.5	60.4
11	10/15/2002	11:00:00	3600.00	69.8	76.7	73.2	69.9	68.2	63.3	59.2
12	10/15/2002	12:00:00	3600.00	69.3	75.7	72.6	69.6	67.8	63.0	59.2
13	10/15/2002	13:00:00	3600.00	69.3	76.1	72.8	69.3	67.5	63.2	60.2
14	10/15/2002	14:00:00	3600.00	69.6	75.8	72.7	69.8	68.4	64.5	61.7
15	10/15/2002	15:00:00	3600.00	69.8	76.2	73.0	70.0	68.5	64.4	60.7
16	10/15/2002	16:00:00	3600.00	70.1	76.2	73.2	70.4	68.9	64.8	61.6
17	10/15/2002	17:00:00	3600.00	69.9	76.3	73.2	70.1	68.4	64.5	61.2
18	10/15/2002	18:00:00	3600.00	69.6	76.3	73.1	69.6	68.0	63.5	60.2
19	10/15/2002	19:00:00	3600.00	69.2	76.5	72.8	68.9	67.3	62.6	59.2
20	10/15/2002	20:00:00	3600.00	68.8	75.9	72.6	68.7	66.7	61.5	57.6
21	10/15/2002	21:00:00	3600.00	68.2	75.9	72.0	67.9	66.0	59.5	54.8
22	10/15/2002	22:00:00	3600.00	68.0	75.9	72.0	67.6	65.2	58.5	51.0
23	10/15/2002	23:00:00	3600.00	67.1	75.3	71.4	66.5	63.7	54.4	47.2
0	10/16/2002	00:00:00	3600.00	65.5	74.6	70.0	64.4	61.2	51.5	43.1
1	10/16/2002	01:00:00	3600.00	65.8	74.6	70.5	64.8	61.3	49.9	41.1
2	10/16/2002	02:00:00	3600.00	65.4	74.8	69.8	64.4	60.9	49.2	42.9
3	10/16/2002	03:00:00	3600.00	65.8	74.8	70.1	65.1	62.1	50.9	43.7
4	10/16/2002	04:00:00	3600.00	67.7	76.3	72.2	66.7	63.7	53.8	46.3
5	10/16/2002	05:00:00	3600.00	69.2	77.1	73.5	68.7	66.3	58.3	50.6
6	10/16/2002	06:00:00	3600.00	70.6	77.8	74.3	70.5	68.5	62.4	57.7
7	10/16/2002	07:00:00	3600.00	71.5	77.4	74.9	71.8	70.2	65.7	61.4

Exit 43/EB/1, Site FA06



Short-term Measurements

Site GG-M1 (FA10), 103 Honeoye Lane

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/15/2002	10:38	20	66.7	14	1.9	68.6	71.5
2	10/15/2002	16:38	15	65.5	17	1.6	67.1	70.0

Site GG-M2 (FA11), 154 Niagara Way

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/24/2002	11:21	15	67.7	11	1.7	69.4	72.3
2	10/24/2002	17:06	20	67.7	16	1.4	69.1	72.0

NYSTA Thruway-wide Prioritization Study
DBF file: 13i23496.dbf
Converted 12/02/02 by JAV

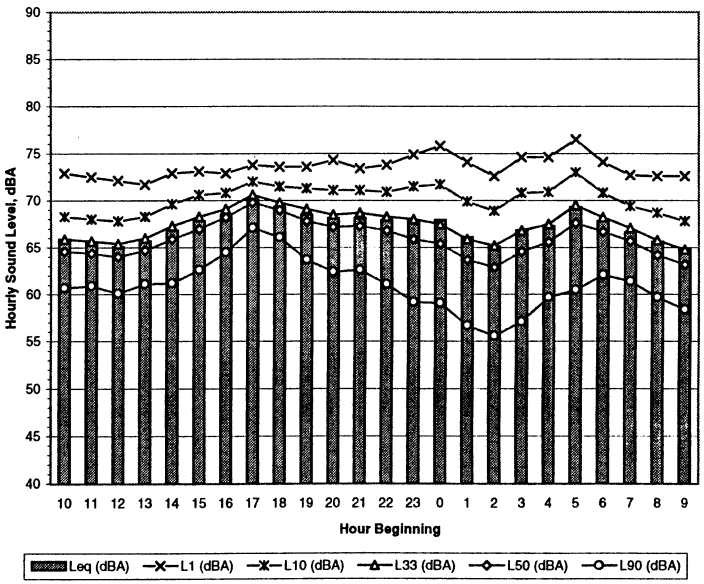
Assessment Area:	ML EXIT 45/EB/1
Ldn:	73.9 dBA
Loudest Hour Leq:	70.1 dBA
Ldn - Loudest Hour:	3.8 dB

24-Hour Measurement

Site S-LT9 , 459 Terri Drive

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
10	11/20/1902	10:00:00	3600.00	65.9	72.9	68.3	65.9	64.6	60.7	57.8
11	11/20/1902	11:00:00	3600.00	65.5	72.5	68.0	65.7	64.4	60.9	58.5
12	11/20/1902	12:00:00	3600.00	65.1	72.1	67.8	65.4	64.0	60.1	57.1
13	11/20/1902	13:00:00	3600.00	65.7	71.7	68.3	66.0	64.7	61.1	58.5
14	11/20/1902	14:00:00	3600.00	66.8	72.9	69.6	67.3	65.9	61.2	58.0
15	11/20/1902	15:00:00	3600.00	67.8	73.1	70.6	68.3	67.0	62.6	58.5
16	11/20/1902	16:00:00	3600.00	68.5	72.9	70.8	69.1	68.2	64.5	61.4
17	11/20/1902	17:00:00	3600.00	70.1	73.8	72.0	70.6	69.8	67.1	64.4
18	11/20/1902	18:00:00	3600.00	69.3	73.6	71.5	69.8	69.0	66.1	63.6
19	11/20/1902	19:00:00	3600.00	68.5	73.6	71.3	69.1	67.8	63.7	60.2
20	11/20/1902	20:00:00	3600.00	68.1	74.3	71.1	68.5	67.2	62.4	58.3
21	11/20/1902	21:00:00	3600.00	68.1	73.4	71.1	68.7	67.3	62.6	58.1
22	11/20/1902	22:00:00	3600.00	67.9	73.8	70.9	68.3	66.8	61.1	55.9
23	11/20/1902	23:00:00	3600.00	67.8	74.9	71.5	68.0	65.9	59.2	54.8
0	11/21/1902	00:00:00	3600.00	67.9	75.8	71.7	67.5	65.4	59.1	53.1
1	11/21/1902	01:00:00	3600.00	66.1	74.1	69.9	65.9	63.7	56.7	50.4
2	11/21/1902	02:00:00	3600.00	65.1	72.6	68.9	65.2	62.9	55.6	48.2
3	11/21/1902	03:00:00	3600.00	66.8	74.6	70.8	66.8	64.6	57.1	52.0
4	11/21/1902	04:00:00	3600.00	67.3	74.6	70.9	67.5	65.6	59.7	54.3
5	11/21/1902	05:00:00	3600.00	69.3	76.5	73.0	69.5	67.6	60.5	55.5
6	11/21/1902	06:00:00	3600.00	67.8	74.1	70.8	68.2	66.7	62.1	59.0
7	11/21/1902	07:00:00	3600.00	66.6	72.7	69.4	67.1	65.7	61.4	58.3
8	11/21/1902	08:00:00	3600.00	65.6	72.6	68.7	65.8	64.2	59.7	56.5
9	11/21/1902	09:00:00	3600.00	64.8	72.6	67.8	64.8	63.2	58.4	55.2

Exit 44/EB/2, Site 1



Short-term Measurements

Site HH-M1, 468 Brookwood Drive

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/20/2002	09:42	15	64.6	9	5.3	69.9	73.7
2	11/20/2002	15:50	15	67.6	16	1.6	69.2	73.0

Site HH-M2, 163 Hunts Park

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/20/2002	10:15	15	64.7	10	4.2	68.9	72.7
2	11/20/2002	16:25	20	68.3	16	1.6	69.9	73.7

NYSTA Thruway-wide Prioritization Study
DBF file: 01i22296.dbf
Converted 12/02/02 by JAV

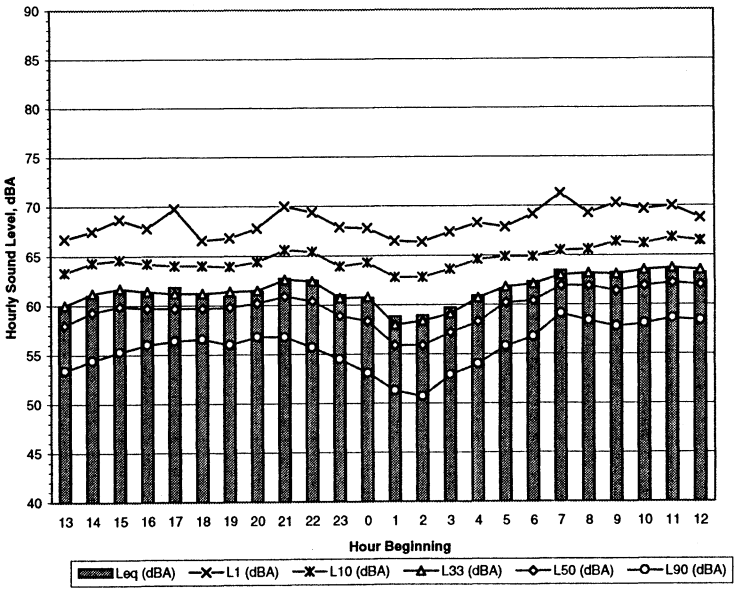
Assessment Area:	ML EXIT 46/WB/1	
Ldn:	67.5	dBA
Loudest Hour Leq:	63.6	dBA
Ldn - Loudest Hour:	3.9	dB

24-Hour Measurement

Site FA01, 139 Grangerford

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
13	10/10/2002	13:00:00	3600.00	59.9	66.7	63.3	60.0	58.0	53.4	49.8
14	10/10/2002	14:00:00	3600.00	61.0	67.5	64.3	61.2	59.3	54.4	50.8
15	10/10/2002	15:00:00	3600.00	61.5	68.7	64.6	61.7	59.9	55.3	52.6
16	10/10/2002	16:00:00	3600.00	61.3	67.8	64.2	61.4	59.7	56.0	53.7
17	10/10/2002	17:00:00	3600.00	61.8	69.8	64.0	61.2	59.7	56.4	54.6
18	10/10/2002	18:00:00	3600.00	61.0	66.6	64.0	61.2	59.7	56.6	54.6
19	10/10/2002	19:00:00	3600.00	60.9	66.8	63.9	61.4	59.8	56.0	53.2
20	10/10/2002	20:00:00	3600.00	61.4	67.8	64.4	61.5	60.2	56.8	54.2
21	10/10/2002	21:00:00	3600.00	62.7	70.0	65.6	62.6	60.9	56.8	53.1
22	10/10/2002	22:00:00	3600.00	62.5	69.4	65.4	62.4	60.4	55.7	53.1
23	10/10/2002	23:00:00	3600.00	61.0	67.9	63.9	60.7	58.9	54.5	51.6
0	10/11/2002	00:00:00	3600.00	60.7	67.8	64.3	60.8	58.4	53.1	49.8
1	10/11/2002	01:00:00	3600.00	58.8	66.5	62.8	58.0	55.9	51.3	47.7
2	10/11/2002	02:00:00	3600.00	58.9	66.4	62.8	58.4	55.9	50.7	46.5
3	10/11/2002	03:00:00	3600.00	59.7	67.4	63.6	59.1	57.2	52.9	51.0
4	10/11/2002	04:00:00	3600.00	60.9	68.3	64.6	60.7	58.3	54.0	52.0
5	10/11/2002	05:00:00	3600.00	61.6	67.9	64.9	61.8	60.2	55.8	53.5
6	10/11/2002	06:00:00	3600.00	62.3	69.2	64.9	62.1	60.4	56.8	54.2
7	10/11/2002	07:00:00	3600.00	63.4	71.3	65.5	63.0	61.9	59.1	56.7
8	10/11/2002	08:00:00	3600.00	63.1	69.3	65.6	63.2	61.9	58.4	56.0
9	10/11/2002	09:00:00	3600.00	63.2	70.3	66.4	63.1	61.4	57.8	55.2
10	10/11/2002	10:00:00	3600.00	63.3	69.7	66.2	63.5	61.9	58.1	55.3
11	10/11/2002	11:00:00	3600.00	63.6	70.0	66.8	63.7	62.2	58.6	55.6
12	10/11/2002	12:00:00	3600.00	63.2	68.8	66.5	63.5	62.0	58.4	55.8

Exit 46/WB/1, Site FA01



Short-term Measurements

Site FA03, 83 Grangerford

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/10/2002	16:25	20	63.7	16	2.3	66.0	69.9
2	10/11/2002	10:46	20	66.1	11	0.0	66.1	70.0

NYSTA Thruway-wide Prioritization Study
DBF file: 02i22296.dbf
Converted 12/02/02 by JAV

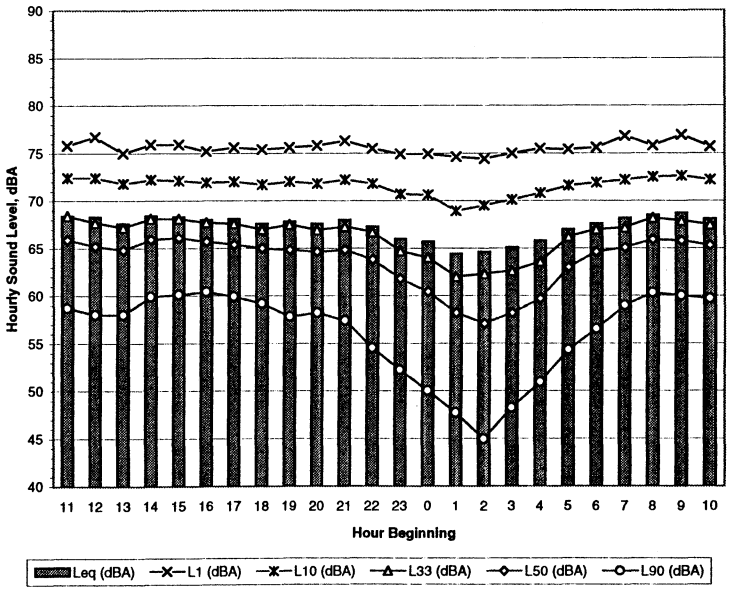
Assessment Area:	ML EXIT 46/WB/1
Ldn:	72.8 dBA
Loudest Hour Leq:	68.7 dBA
Ldn - Loudest Hour:	4.1 dB

24-Hour Measurement

Site FA02, 99 Cave Hollow

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
11	10/10/2002	11:00:00	3600.00	68.4	75.8	72.4	68.4	65.9	58.7	53.6
12	10/10/2002	12:00:00	3600.00	68.3	76.7	72.4	67.7	65.2	58.0	51.9
13	10/10/2002	13:00:00	3600.00	67.6	75.0	71.8	67.2	64.8	58.0	52.8
14	10/10/2002	14:00:00	3600.00	68.4	75.9	72.2	68.1	65.9	59.9	54.3
15	10/10/2002	15:00:00	3600.00	68.3	75.9	72.1	68.1	66.1	60.1	54.4
16	10/10/2002	16:00:00	3600.00	68.0	75.2	71.9	67.7	65.7	60.4	55.7
17	10/10/2002	17:00:00	3600.00	68.1	75.6	72.0	67.6	65.4	59.9	54.5
18	10/10/2002	18:00:00	3600.00	67.6	75.4	71.7	67.0	65.0	59.2	54.6
19	10/10/2002	19:00:00	3600.00	67.8	75.6	72.0	67.5	64.8	57.8	52.8
20	10/10/2002	20:00:00	3600.00	67.6	75.8	71.8	66.9	64.6	58.2	51.8
21	10/10/2002	21:00:00	3600.00	68.0	76.3	72.2	67.3	64.8	57.4	51.8
22	10/10/2002	22:00:00	3600.00	67.3	75.5	71.8	66.7	63.8	54.5	47.6
23	10/10/2002	23:00:00	3600.00	66.0	74.9	70.7	64.7	61.8	52.2	47.5
0	10/11/2002	00:00:00	3600.00	65.7	74.9	70.6	64.0	60.4	50.0	44.5
1	10/11/2002	01:00:00	3600.00	64.4	74.6	68.9	62.0	58.2	47.7	39.6
2	10/11/2002	02:00:00	3600.00	64.6	74.4	69.5	62.3	57.1	44.9	38.2
3	10/11/2002	03:00:00	3600.00	65.1	75.0	70.1	62.6	58.2	48.2	42.1
4	10/11/2002	04:00:00	3600.00	65.8	75.5	70.8	63.6	59.7	50.9	46.9
5	10/11/2002	05:00:00	3600.00	67.0	75.4	71.6	66.2	63.0	54.3	49.9
6	10/11/2002	06:00:00	3600.00	67.6	75.6	71.9	67.0	64.6	56.5	50.5
7	10/11/2002	07:00:00	3600.00	68.2	76.8	72.2	67.2	65.1	59.0	54.7
8	10/11/2002	08:00:00	3600.00	68.5	75.8	72.5	68.2	65.9	60.3	55.6
9	10/11/2002	09:00:00	3600.00	68.7	76.9	72.6	67.9	65.8	60.0	55.5
10	10/11/2002	10:00:00	3600.00	68.1	75.7	72.2	67.5	65.3	59.7	54.7

Exit 46/WB/1, Site FA02



Short-term Measurements

Site FA04, 187/179 Cave Hollow

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/10/2002	14:16	20	**67.6**	14	0.3	67.9	72.0
2	10/10/2002	16:55	20	**67.2**	17	0.6	67.8	71.9

Site FA05, 51 Cave Hollow

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/10/2002	14:57	20	**66.3**	15	0.4	66.7	70.8
2	10/10/2002	17:21	20	**65.4**	17	0.6	66.0	70.1

NYSTA Thruway-wide Prioritization Study
Interval Database File: 50i24896.dbf

BA Job No. 5260.03

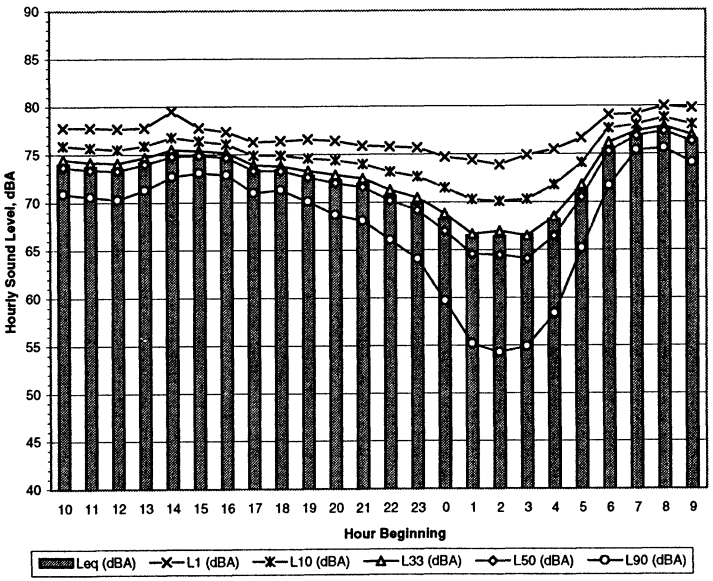
Assessment Area:	ML/exit 50A/EB/1
Ldn:	77.7 dBA
Loudest Hour Leq:	77.5 dBA
Ldn - Loudest Houn	0.2 dB

24-Hour Measurement

Site B-LT4 (FA50), 28 Delmar Road

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
10	11/05/2002	10:00:00	3600.00	74.0	77.8	75.9	74.5	73.7	70.9	68.1
11	11/05/2002	11:00:00	3600.00	73.7	77.8	75.7	74.2	73.4	70.6	67.3
12	11/05/2002	12:00:00	3600.00	73.5	77.7	75.5	74.1	73.3	70.3	66.4
13	11/05/2002	13:00:00	3600.00	74.2	77.8	75.9	74.7	74.0	71.3	68.8
14	11/05/2002	14:00:00	3600.00	75.2	79.5	76.8	75.5	74.8	72.7	70.7
15	11/05/2002	15:00:00	3600.00	75.0	77.8	76.4	75.4	74.9	73.1	71.0
16	11/05/2002	16:00:00	3600.00	74.7	77.4	76.1	75.2	74.7	72.9	71.0
17	11/05/2002	17:00:00	3600.00	73.4	76.3	74.9	73.9	73.3	71.0	68.9
18	11/05/2002	18:00:00	3600.00	73.4	76.4	74.9	73.8	73.3	71.3	69.2
19	11/05/2002	19:00:00	3600.00	72.8	76.6	74.6	73.3	72.6	70.1	67.6
20	11/05/2002	20:00:00	3600.00	72.3	76.4	74.4	72.9	72.0	68.7	65.2
21	11/05/2002	21:00:00	3600.00	71.9	75.9	74.0	72.5	71.6	68.1	65.0
22	11/05/2002	22:00:00	3600.00	70.7	75.8	73.2	71.3	70.2	66.1	61.7
23	11/05/2002	23:00:00	3600.00	69.9	75.7	72.7	70.5	69.2	64.1	59.5
0	11/06/2002	00:00:00	3600.00	68.2	74.7	71.5	68.8	67.0	59.7	53.2
1	11/06/2002	01:00:00	3600.00	66.5	74.4	70.3	66.7	64.6	55.2	47.1
2	11/06/2002	02:00:00	3600.00	66.4	73.9	70.1	67.0	64.5	54.3	46.2
3	11/06/2002	03:00:00	3600.00	66.6	74.9	70.3	66.5	64.1	54.9	46.1
4	11/06/2002	04:00:00	3600.00	68.2	75.5	71.8	68.5	66.5	58.4	48.1
5	11/06/2002	05:00:00	3600.00	71.2	76.7	74.1	71.8	70.5	65.2	59.7
6	11/06/2002	06:00:00	3600.00	75.5	79.1	77.7	76.2	75.3	71.7	67.4
7	11/06/2002	07:00:00	3600.00	76.9	79.2	78.1	77.4	76.9	75.4	74.1
8	11/06/2002	08:00:00	3600.00	77.5	80.0	78.8	77.9	77.4	75.6	73.5
9	11/06/2002	09:00:00	3600.00	76.5	79.8	78.1	77.0	76.3	74.1	71.7

Exit 50A/EB/1, Site B-LT4



Short-term Measurements

Site JJ-M1 (FA101), 601 Wilshire Road

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	02/27/2003	13:20	20	63.9	13	3.3	67.2	67.4
2	02/27/2003	16:00	20	64.5	16	2.8	67.3	67.5

Site JJ-M2 (FA102), 56 Delmar Road

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	02/27/2003	14:15	20	70.8	14	2.3	73.1	73.3
2	02/27/2003	16:30	20	72.1	16	2.8	74.9	75.1

NYSTA Thruway-wide Prioritization Study
Interval Database File: 03int.dbf

BA Job No. 5260.03

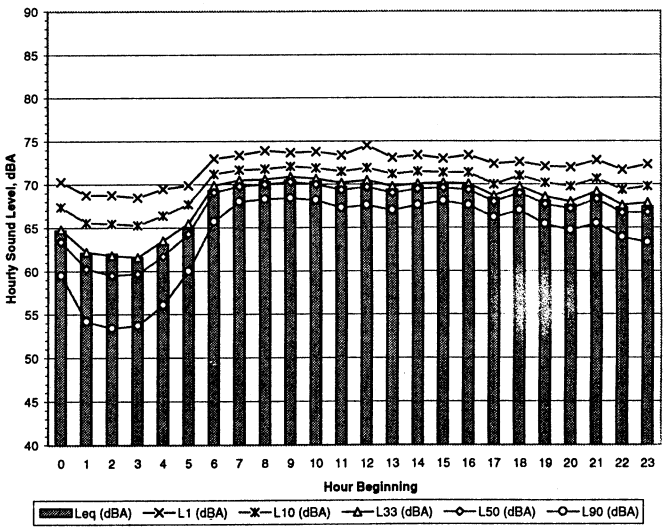
Assessment Area:	ML/exit 50A/WB/1
Ldn:	72.8 dBA
Loudest Hour Leq:	70.5 dBA
Ldn - Loudest Hour:	2.3 dB

24-Hour Measurement

Site B-LT5, 161 Lochland Drive

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
0	11/12/2002	00:00:00	3600.00	64.7	70.3	67.4	64.8	63.4	59.5	55.5
1	11/13/2002	01:00:00	3600.00	62.1	68.8	65.6	62.2	60.3	54.2	49.3
2	11/13/2002	02:00:00	3600.00	62.0	68.8	65.5	61.8	59.5	53.4	48.9
3	11/13/2002	03:00:00	3600.00	61.6	68.5	65.3	61.6	59.7	53.7	47.9
4	11/13/2002	04:00:00	3600.00	63.1	69.5	66.4	63.5	61.7	56.1	50.0
5	11/13/2002	05:00:00	3600.00	65.0	69.9	67.7	65.5	64.3	60.0	56.1
6	11/12/2002	06:00:00	3600.00	69.3	73.0	71.2	69.9	69.1	65.7	62.3
7	11/12/2002	07:00:00	3600.00	70.0	73.4	71.7	70.5	69.8	68.0	66.7
8	11/12/2002	08:00:00	3600.00	70.3	73.9	71.8	70.6	70.0	68.3	67.1
9	11/12/2002	09:00:00	3600.00	70.5	73.7	72.1	70.9	70.3	68.4	67.1
10	11/12/2002	10:00:00	3600.00	70.3	73.8	71.9	70.7	70.0	68.2	66.4
11	11/12/2002	11:00:00	3600.00	69.7	73.4	71.5	70.2	69.4	67.3	66.0
12	11/12/2002	12:00:00	3600.00	70.1	74.5	71.9	70.5	69.7	67.6	66.1
13	11/12/2002	13:00:00	3600.00	69.4	73.1	71.2	69.8	69.0	67.0	65.2
14	11/12/2002	14:00:00	3600.00	69.8	73.4	71.5	70.1	69.5	67.6	66.2
15	11/12/2002	15:00:00	3600.00	69.9	73.0	71.4	70.2	69.6	68.1	67.0
16	11/12/2002	16:00:00	3600.00	69.8	73.4	71.4	70.1	69.4	67.6	66.4
17	11/12/2002	17:00:00	3600.00	68.4	72.4	70.0	68.7	68.0	66.2	65.1
18	11/12/2002	18:00:00	3600.00	69.2	72.6	71.0	69.8	69.0	67.0	65.5
19	11/12/2002	19:00:00	3600.00	68.1	72.1	70.2	68.6	67.7	65.4	63.9
20	11/12/2002	20:00:00	3600.00	67.6	72.0	69.8	68.0	67.2	64.7	63.0
21	11/12/2002	21:00:00	3600.00	68.6	72.8	70.7	69.2	68.3	65.5	63.4
22	11/12/2002	22:00:00	3600.00	67.3	71.7	69.4	67.6	66.7	63.9	62.0
23	11/12/2002	23:00:00	3600.00	67.4	72.3	69.8	67.9	66.8	63.3	59.9

Exit 50A/WB/1, Site B-LT5



Short-term Measurements

Site KK-M1, 19 Hemenway

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/12/2002	11:55	20	**70.4**	12	0.4	70.8	73.1
2	11/12/2002	15:55	20	**71.2**	16	0.7	71.9	74.2

Site KK-M2, 85 Susan

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/12/2002	11:20	20	**72.6**	11	0.8	73.4	75.7
2	11/12/2002	15:30	20	**73.0**	15	0.6	73.6	75.9

Site KK-M3, 131 Lochland Drive

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/12/2002	11:20	20	**68.8**	11	0.8	69.6	71.9
2	11/12/2002	15:30	15	**69.2**	15	0.6	69.8	72.1

Site KK-M4, 95 Lochland Drive

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/12/2002	11:55	15	**66.4**	12	0.4	66.8	69.1
2	11/12/2002	15:55	20	**66.5**	16	0.7	67.2	69.5

NYSTA Thruway-wide Prioritization Study
Interval Database File: 04int.dbf

BA Job No. 5260.03

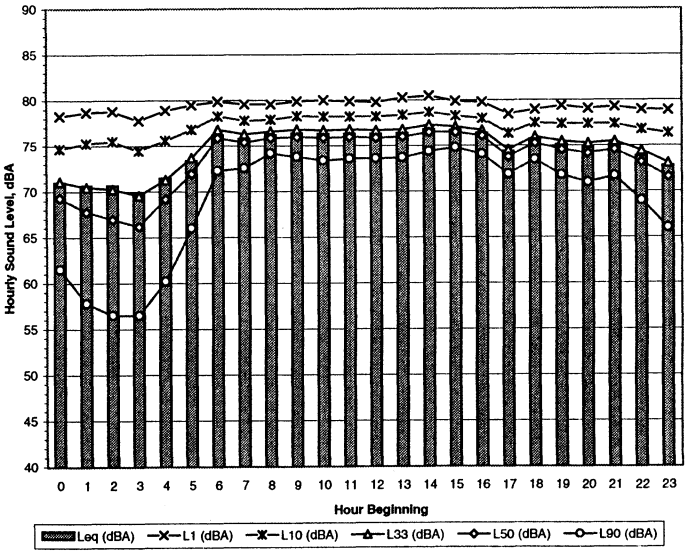
Assessment Area:	ML/exit 51/EB/1
Ldn:	79.7 dBA
Loudest Hour Leq:	76.8 dBA
Ldn - Loudest Hour:	2.9 dB

24-Hour Measurement

Site B-LT6, 16 Ontario

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
0	11/13/1902	00:00:00	3600.00	71.0	78.3	74.7	71.1	69.3	61.5	54.2
1	11/13/1902	01:00:00	3600.00	70.7	78.7	75.3	70.5	67.8	57.8	51.7
2	11/13/1902	02:00:00	3600.00	70.7	78.8	75.5	70.3	67.0	56.5	50.4
3	11/13/1902	03:00:00	3600.00	69.9	77.8	74.5	69.6	66.2	56.5	49.4
4	11/13/1902	04:00:00	3600.00	71.5	78.9	75.6	71.3	69.2	60.2	52.5
5	11/13/1902	05:00:00	3600.00	73.4	79.5	76.8	73.7	72.0	66.0	59.4
6	11/13/1902	06:00:00	3600.00	76.2	79.9	78.3	76.8	75.9	72.3	67.9
7	11/12/1902	07:00:00	3600.00	75.8	79.6	77.8	76.3	75.4	72.6	70.8
8	11/12/1902	08:00:00	3600.00	76.2	79.6	77.9	76.6	75.9	74.2	72.5
9	11/12/1902	09:00:00	3600.00	76.4	79.9	78.3	76.8	76.0	73.8	71.6
10	11/12/1902	10:00:00	3600.00	76.3	80.0	78.2	76.7	75.9	73.4	71.1
11	11/12/1902	11:00:00	3600.00	76.3	79.9	78.2	76.8	76.0	73.6	71.3
12	11/12/1902	12:00:00	3600.00	76.3	79.8	78.2	76.7	75.9	73.6	71.3
13	11/12/1902	13:00:00	3600.00	76.4	80.3	78.4	76.8	76.0	73.7	71.3
14	11/12/1902	14:00:00	3600.00	76.8	80.5	78.7	77.3	76.5	74.4	72.7
15	11/12/1902	15:00:00	3600.00	76.7	79.9	78.3	77.1	76.5	74.8	73.5
16	11/12/1902	16:00:00	3600.00	76.4	79.8	78.0	76.7	76.1	74.1	72.0
17	11/12/1902	17:00:00	3600.00	74.4	78.5	76.4	74.6	73.8	71.9	70.4
18	11/12/1902	18:00:00	3600.00	75.7	79.0	77.5	76.0	75.3	73.5	72.1
19	11/12/1902	19:00:00	3600.00	75.1	79.4	77.4	75.5	74.6	71.8	68.5
20	11/12/1902	20:00:00	3600.00	74.8	79.1	77.4	75.3	74.2	71.0	67.8
21	11/12/1902	21:00:00	3600.00	75.1	79.3	77.4	75.5	74.6	71.7	68.3
22	11/12/1902	22:00:00	3600.00	73.9	79.0	76.8	74.5	73.2	69.0	64.7
23	11/12/1902	23:00:00	3600.00	72.8	78.9	76.4	73.1	71.6	66.0	60.2

Exit 51/EB/1, Site B-LT6



Short-term Measurements

Site LL-M1, 58 Ontario

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/12/2002	7:05	15	72.9	7	1.0	73.9	76.8
2	11/12/2002	10:05	15	73.4	10	0.5	73.9	76.8

Site LL-M2, 650 Mapleview

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/12/2002	7:50	15	67.8	7	1.0	68.8	71.7
2	11/12/2002	10:40	15	67.8	10	0.5	68.3	71.2

Site LL-M3, 38 St. Paul

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/12/2002	8:20	15	75.9	8	0.6	76.5	79.4
2	11/12/2002	10:05	20	75.5	10	0.5	76.0	78.9

Site LL-M4, 73 Hemenway

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn

NYSTA Thruway-wide Prioritization Study
Interval Database File: 5int.dbf

BA Job No. 5260.03

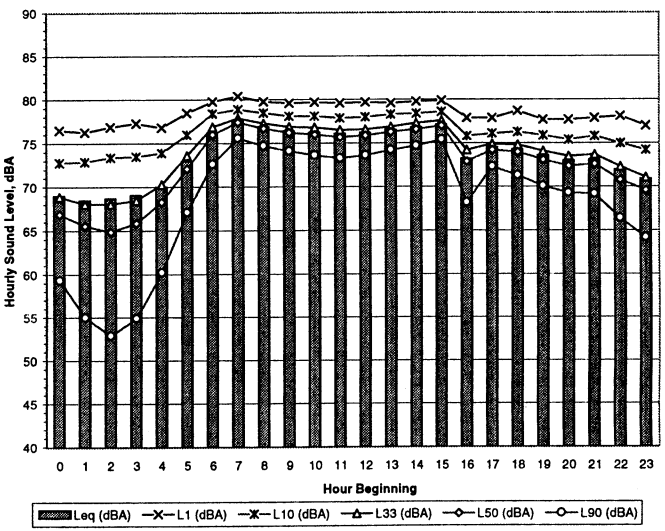
Assessment Area:	ML/exit 51/WB/1
Ldn:	76.9 dBA
Loudest Hour Leq:	77.5 dBA
Ldn - Loudest Hour:	1.4 dB

24-Hour Measurement

Site B-LT7, 173 Melcourt

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
0	11/05/2002	00:00:00	3600.00	69.0	76.5	72.8	68.9	66.9	59.3	52.6
1	11/05/2002	01:00:00	3600.00	68.5	76.3	72.9	68.1	65.6	55.0	45.9
2	11/05/2002	02:00:00	3600.00	68.7	76.9	73.4	68.1	64.9	52.9	44.5
3	11/05/2002	03:00:00	3600.00	69.1	77.3	73.5	68.5	65.9	54.9	43.4
4	11/05/2002	04:00:00	3600.00	70.0	76.8	73.9	70.3	68.3	60.2	50.4
5	11/05/2002	05:00:00	3600.00	73.0	78.5	76.0	73.6	72.1	67.1	62.3
6	11/05/2002	06:00:00	3600.00	76.2	79.8	78.4	76.9	76.0	72.6	69.1
7	11/05/2002	07:00:00	3600.00	77.5	80.4	78.9	77.9	77.4	75.6	74.2
8	11/05/2002	08:00:00	3600.00	76.9	79.8	78.5	77.3	76.7	74.7	73.0
9	11/05/2002	09:00:00	3600.00	76.4	79.6	78.1	76.9	76.2	74.1	71.6
10	11/05/2002	10:00:00	3600.00	76.2	79.7	78.1	76.8	76.0	73.6	71.5
11	11/05/2002	11:00:00	3600.00	76.1	79.6	77.9	76.5	75.7	73.3	71.0
12	11/05/2002	12:00:00	3600.00	76.2	79.7	78.0	76.6	75.9	73.6	71.4
13	11/05/2002	13:00:00	3600.00	76.5	79.6	78.3	76.9	76.3	74.2	71.9
14	11/05/2002	14:00:00	3600.00	76.8	79.8	78.4	77.3	76.6	74.7	73.0
15	11/05/2002	15:00:00	3600.00	77.1	79.9	78.6	77.6	77.0	75.4	73.8
16	11/04/2002	16:00:00	3600.00	73.2	77.9	75.8	74.2	72.9	68.2	65.3
17	11/04/2002	17:00:00	3600.00	74.5	77.9	76.1	74.9	74.2	72.3	70.5
18	11/04/2002	18:00:00	3600.00	74.3	78.7	76.3	74.8	74.0	71.3	69.1
19	11/04/2002	19:00:00	3600.00	73.6	77.7	75.9	74.1	73.1	70.1	67.2
20	11/04/2002	20:00:00	3600.00	73.0	77.7	75.4	73.5	72.4	69.3	66.3
21	11/04/2002	21:00:00	3600.00	73.1	77.9	75.8	73.7	72.6	69.2	66.3
22	11/04/2002	22:00:00	3600.00	72.0	78.1	75.0	72.3	70.8	66.4	62.2
23	11/04/2002	23:00:00	3600.00	70.9	77.0	74.2	71.1	69.6	64.2	59.0

Exit 51/WB/1, Site B-LT7



Short-term Measurements

Site MM-M1, 201 E Melcourt

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/05/2002	9:20	15	74.6	9	1.1	75.7	77.1
2	11/05/2002	15:40	15	75.9	15	0.4	76.3	77.7

Site MM-M2, 107 E Melcourt

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/05/2002	9:21	15	74.7	9	1.1	75.8	77.2
2	11/05/2002	15:45	15	75.6	15	0.4	76.0	77.4

Site MM-M3, 12 Lucid Drive

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/05/2002	10:10	15	72.0	10	1.3	73.3	74.7
2	11/05/2002	16:15	15	73.8	16	4.3	78.1	79.5

Site MM-M4, 20 Floreis Ct

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/05/2002	10:15	20	78.1	10	1.3	79.4	80.8
2	11/05/2002	16:15	15	78.1	16	4.3	82.4	83.8

NYSTA Thruway-wide Prioritization Study
Interval Database File: 6int.dbf

BA Job No. 5260.03

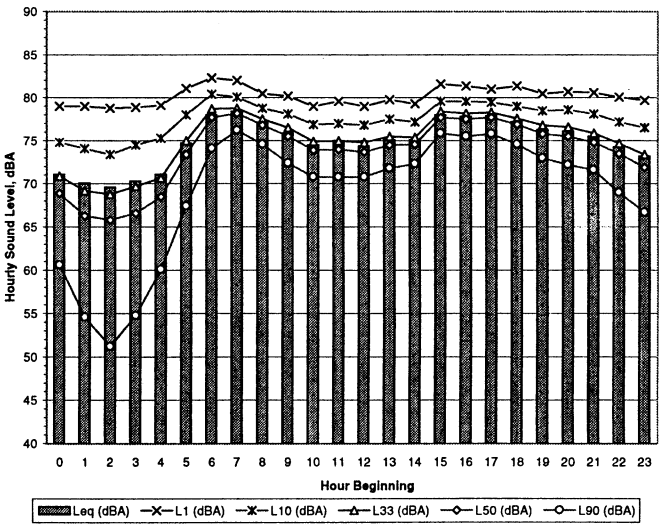
Assessment Area:	ML/exit 52/EB/1
Ldn:	80.4 dBA
Loudest Hour Leq:	78.4 dBA
Ldn - Loudest Hour:	2.0 dB

24-Hour Measurement

Site B-LT8, 60 Pinehurst

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
0	11/05/2002	00:00:00	3600.00	71.1	79.0	74.8	70.9	68.9	60.6	51.6
1	11/05/2002	01:00:00	3600.00	70.1	79.0	74.1	69.2	66.3	54.6	46.6
2	11/05/2002	02:00:00	3600.00	69.6	78.8	73.4	68.8	65.8	51.2	44.7
3	11/05/2002	03:00:00	3600.00	70.3	78.9	74.5	69.7	66.6	54.8	46.0
4	11/05/2002	04:00:00	3600.00	71.1	79.1	75.3	70.7	68.5	60.1	52.9
5	11/05/2002	05:00:00	3600.00	74.7	81.1	78.0	75.0	73.4	67.4	62.2
6	11/05/2002	06:00:00	3600.00	78.0	82.3	80.4	78.7	77.7	74.1	69.8
7	11/05/2002	07:00:00	3600.00	78.4	82.0	80.1	78.8	78.2	76.2	74.7
8	11/05/2002	08:00:00	3600.00	77.0	80.5	78.8	77.5	76.8	74.6	72.4
9	11/05/2002	09:00:00	3600.00	75.9	80.2	78.1	76.5	75.5	72.4	68.6
10	11/05/2002	10:00:00	3600.00	74.5	79.0	76.9	74.9	73.9	70.8	68.1
11	11/05/2002	11:00:00	3600.00	75.0	79.6	77.0	75.0	74.0	70.8	67.4
12	11/05/2002	12:00:00	3600.00	74.4	79.0	76.8	74.8	73.7	70.8	68.2
13	11/05/2002	13:00:00	3600.00	75.1	79.8	77.5	75.5	74.5	71.8	69.4
14	11/05/2002	14:00:00	3600.00	75.1	79.3	77.2	75.4	74.6	72.3	70.3
15	11/04/2002	15:00:00	3600.00	78.0	81.6	79.6	78.4	77.7	75.9	73.7
16	11/04/2002	16:00:00	3600.00	77.8	81.4	79.6	78.2	77.5	75.5	73.3
17	11/04/2002	17:00:00	3600.00	77.9	81.0	79.5	78.3	77.7	75.8	73.7
18	11/04/2002	18:00:00	3600.00	77.2	81.4	79.0	77.6	76.9	74.6	72.2
19	11/04/2002	19:00:00	3600.00	76.3	80.5	78.5	76.8	75.8	73.0	69.8
20	11/04/2002	20:00:00	3600.00	76.1	80.7	78.6	76.6	75.5	72.2	68.6
21	11/04/2002	21:00:00	3600.00	75.5	80.6	78.1	75.9	74.8	71.6	68.4
22	11/04/2002	22:00:00	3600.00	74.3	80.1	77.2	74.7	73.5	69.0	64.8
23	11/04/2002	23:00:00	3600.00	73.2	79.7	76.5	73.4	71.9	66.7	61.2

Exit 52/EB/1, Site B-LT8



Short-term Measurements

Site NN-M1, btwn 22 & 40 Pinehurst

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/05/2002	7:05	20	**75.1**	7	**0.0**	**75.1**	**77.1**
2	11/05/2002	10:55	15	**70.4**	10	**3.9**	**74.3**	**76.3**

Site NN-M2, 100 Pinehurst

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/05/2002	7:05	15	**68.3**	7	**0.0**	**68.3**	**70.3**
2	11/05/2002	10:55	15	**65.3**	10	**3.9**	**69.2**	**71.2**

Site NN-M3, btwn 62 & 66 Laurentian

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/05/2002	7:40	15	**71.3**	8	**1.4**	**72.7**	**74.7**
2	11/05/2002	11:25	15	**67.8**	11	**3.4**	**71.2**	**73.2**

Site NN-M4, 240 Fonda

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/05/2002	7:42	15	**73.1**	8	**1.4**	**74.5**	**76.5**
2	11/05/2002	11:25	15	**71.1**	11	**3.4**	**74.5**	**76.5**

H-43

NYSTA Thruway-wide Prioritization Study
Interval Database File: 5sbint.dbf
Comment:
BA Job No. 5260.03

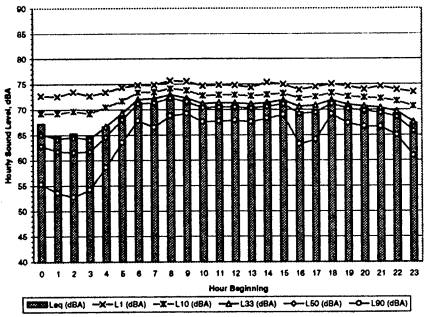
Assessment Area:	ML/exit 52 A/EB/1
Ldn:	72.8 dBA
Loudest Hour Leq:	72.3 dBA
Ldn - Loudest Hour:	0.5 dB

24-Hour Measurement

Site B-LT9, 75 Ludwig

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
0	10/11/2002	0:00:00	3600	67.2	72.7	69.3	65.2	62.9	55.3	48.8
1	10/11/2002	1:00:00	3600	64.7	72.6	69.2	64.3	61.8	53.6	48.4
2	10/11/2002	2:00:00	3600	65.3	73.5	69.7	64.6	61.6	52.8	45.9
3	10/11/2002	3:00:00	3600	64.8	72.7	69.2	64.2	61.8	54.2	48.6
4	10/11/2002	4:00:00	3600	66.6	73.4	70.5	66.7	64.6	58.6	54.7
5	10/11/2002	5:00:00	3600	68.8	74.4	71.7	69.3	68	63.5	59.6
6	10/11/2002	6:00:00	3600	71.3	74.8	73.4	72	71.2	67.8	64.4
7	10/11/2002	7:00:00	3600	71.2	74.9	73.5	72.2	71.3	66.5	63.3
8	10/11/2002	8:00:00	3600	72.3	75.7	74.2	73	72.3	68.8	65.3
9	10/11/2002	9:00:00	3600	71.9	75.6	73.8	72.3	71.6	69.2	66.8
10	10/11/2002	10:00:00	3600	70.7	74.7	72.8	71.2	70.4	67.6	65.1
11	10/11/2002	11:00:00	3600	70.9	74.9	72.9	71.4	70.5	67.7	65.2
12	10/11/2002	12:00:00	3600	70.8	74.8	72.9	71.3	70.5	67.9	65
13	10/11/2002	13:00:00	3600	70.6	74.4	72.7	71.1	70.3	67.6	65.4
14	10/11/2002	14:00:00	3600	71.1	75.4	73	71.4	70.6	68.3	66.4
15	10/10/2002	15:00:00	3600	71.7	75	73.2	71.9	71.1	69	67.2
16	10/10/2002	16:00:00	3600	69.5	73.9	72.3	70.6	69.2	63.2	61.2
17	10/10/2002	17:00:00	3600	69.8	74.5	72.6	70.9	69.5	64.1	62.2
18	10/10/2002	18:00:00	3600	71.5	75.1	73.3	71.9	71.2	69.1	66.5
19	10/10/2002	19:00:00	3600	70.5	74.6	72.6	71	70.2	67.3	65.1
20	10/10/2002	20:00:00	3600	70.2	74	72.4	70.7	69.8	66.7	64.5
21	10/10/2002	21:00:00	3600	69.9	74.6	72.2	70.4	69.4	66.6	64.2
22	10/10/2002	22:00:00	3600	69.2	73.9	71.7	69.7	68.6	65	61
23	10/10/2002	23:00:00	3600	67.3	73.5	70.7	67.6	65.8	60.9	57.3

Exit 52A/EB/1, Site B-LT9



Interval Database File: 7bint.dbf

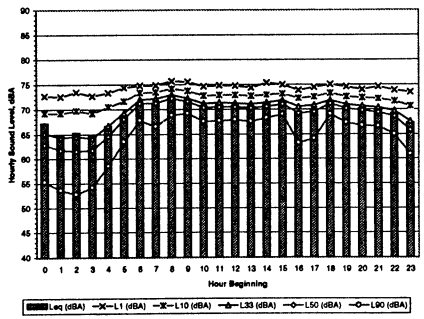
Ldn:	72.8 dBA
Loudest Hour Leq:	71.0 dBA
Ldn - Loudest Hour:	1.8 dB

24-Hour Measurement

Site B-LT10, 207 Ludwig

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
0	10/11/2002	00:00:00	3600.00	64.8	71.9	68.4	63.9	61.8	55.8	50.6
1	10/11/2002	01:00:00	3600.00	64.1	71.6	68.0	63.2	60.8	53.6	47.6
2	10/11/2002	02:00:00	3600.00	64.5	72.7	68.7	63.8	61.1	53.2	43.3
3	10/11/2002	03:00:00	3600.00	63.8	71.8	68.3	63.0	60.6	52.7	47.2
4	10/11/2002	04:00:00	3600.00	65.4	72.5	69.2	65.4	63.5	57.3	52.5
5	10/11/2002	05:00:00	3600.00	67.7	73.6	70.8	68.1	66.7	62.5	57.9
6	10/11/2002	06:00:00	3600.00	70.4	74.0	72.6	71.0	70.1	67.0	63.7
7	10/11/2002	07:00:00	3600.00	70.5	74.3	72.7	71.3	70.4	66.7	64.1
8	10/11/2002	08:00:00	3600.00	71.5	75.0	73.4	72.1	71.3	68.8	66.5
9	10/11/2002	09:00:00	3600.00	71.0	75.0	72.9	71.5	70.7	68.1	66.1
10	10/11/2002	10:00:00	3600.00	69.4	73.6	71.7	70.0	69.0	66.3	64.1
11	10/11/2002	11:00:00	3600.00	69.6	73.6	71.8	70.0	69.1	66.4	64.4
12	10/11/2002	12:00:00	3600.00	69.6	73.5	71.7	70.1	69.2	66.6	64.6
13	10/11/2002	13:00:00	3600.00	69.4	74.2	71.6	69.8	68.9	66.3	64.4
14	10/11/2002	14:00:00	3600.00	69.8	73.9	71.9	70.0	69.2	66.8	65.0
15	10/10/2002	15:00:00	3600.00	71.6	75.5	73.6	72.0	71.3	68.9	67.1
16	10/10/2002	16:00:00	3600.00	68.9	74.4	72.1	69.6	67.1	63.0	61.3
17	10/10/2002	17:00:00	3600.00	69.4	74.5	72.0	70.1	68.7	64.3	62.2
18	10/10/2002	18:00:00	3600.00	70.5	74.8	72.5	70.9	70.0	67.7	66.0
19	10/10/2002	19:00:00	3600.00	69.7	74.2	71.8	70.1	69.2	66.3	64.2
20	10/10/2002	20:00:00	3600.00	69.3	74.0	71.6	69.8	68.7	65.8	63.6
21	10/10/2002	21:00:00	3600.00	69.0	74.0	71.4	69.3	68.3	65.4	63.2
22	10/10/2002	22:00:00	3600.00	68.3	73.3	70.8	68.7	67.6	64.3	60.9
23	10/10/2002	23:00:00	3600.00	66.3	72.6	69.9	66.3	64.6	60.5	57.1

Exit 52A/EB/1, Site B-LT10



Short-term Measurements

Site OO-M1, 55 Ludwig

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/11/2002	7:25	15	70.8	7	1.1	71.9	72.4
2	10/11/2002	9:55	20	69.0	9	3.4	72.4	72.9

Site OO-M2, 151 Ludwig

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/11/2002	7:25	15	73.4	7	1.1	74.5	77.0
2	10/11/2002	9:55	15	72.0	9	3.4	75.4	74.9

Site OO-M3, 231 Ludwig

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/11/2002	8:15	15	70.1	8	0.1	70.2	71.5
2	10/11/2002	10:30	20	68.0	10	4.1	72.1	74.0

NYSTA Thruway-wide Prioritization Study
BA Job No. 5260.03

Assessment Area:	ML/exit 55/EB/3

Ldn:	64.1	dBA
Loudest Hour Leq:	65.1	dBA
Ldn - Loudest Hour:	-1.0	dB

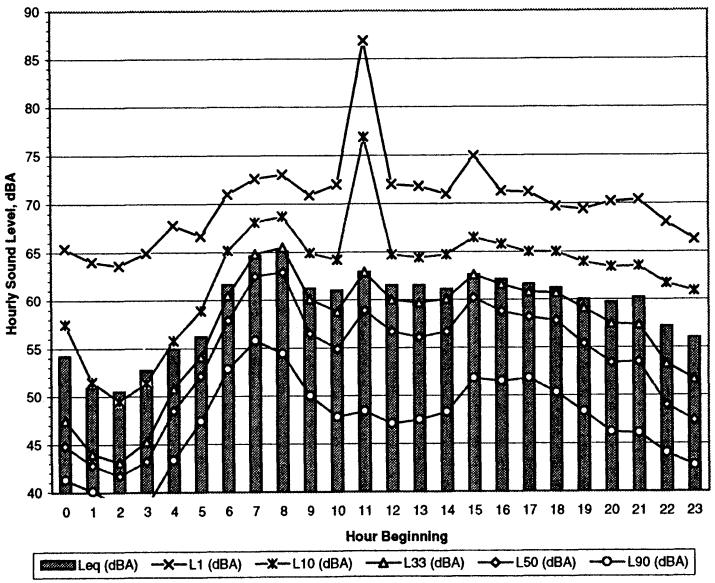
Interval Database File: 8int.dbf

24-Hour Measurement

Site B-LT11, 127 Tindle Ave

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
0	10/16/2002	00:00:00	3600.00	54.2	65.4	57.5	47.5	44.8	41.3	39.5
1	10/16/2002	01:00:00	3600.00	50.9	64.0	51.5	44.0	42.8	40.1	38.3
2	10/16/2002	02:00:00	3600.00	50.5	63.6	49.5	43.1	41.7	38.6	37.1
3	10/16/2002	03:00:00	3600.00	52.7	64.9	51.4	45.3	43.2	38.6	36.1
4	10/16/2002	04:00:00	3600.00	54.9	67.8	55.8	50.8	48.5	43.3	40.1
5	10/16/2002	05:00:00	3600.00	56.2	66.7	58.9	54.1	52.1	47.4	44.1
6	10/16/2002	06:00:00	3600.00	61.6	71.0	65.2	60.5	57.9	52.8	50.0
7	10/16/2002	07:00:00	3600.00	64.6	72.6	68.1	64.8	62.5	55.8	52.8
8	10/16/2002	08:00:00	3600.00	65.1	73.0	68.7	65.5	62.9	54.4	51.2
9	10/15/2002	09:00:00	3600.00	61.2	70.9	64.9	60.1	56.5	50.0	47.5
10	10/15/2002	10:00:00	3600.00	61.0	72.0	64.2	58.8	54.9	47.8	45.2
11	10/15/2002	11:00:00	3600.00	62.9	86.9	76.9	62.9	58.9	48.4	44.5
12	10/15/2002	12:00:00	3600.00	61.5	72.0	64.7	60.0	56.7	47.1	43.6
13	10/15/2002	13:00:00	3600.00	61.5	71.8	64.4	59.7	56.1	47.5	44.4
14	10/15/2002	14:00:00	3600.00	61.1	71.0	64.7	60.1	56.7	48.3	45.1
15	10/15/2002	15:00:00	3600.00	62.6	74.9	66.5	62.6	60.2	51.8	46.5
16	10/15/2002	16:00:00	3600.00	62.1	71.3	65.8	61.6	58.8	51.5	47.5
17	10/15/2002	17:00:00	3600.00	61.6	71.2	65.0	60.8	58.2	51.8	49.1
18	10/15/2002	18:00:00	3600.00	61.2	69.7	65.0	60.7	57.8	50.3	48.0
19	10/15/2002	19:00:00	3600.00	60.0	69.4	63.9	59.1	55.4	48.3	46.0
20	10/15/2002	20:00:00	3600.00	59.7	70.2	63.4	57.5	53.4	46.2	44.1
21	10/15/2002	21:00:00	3600.00	60.2	70.4	63.5	57.4	53.5	46.1	43.7
22	10/15/2002	22:00:00	3600.00	57.2	68.1	61.7	53.3	49.0	44.0	42.0
23	10/15/2002	23:00:00	3600.00	56.0	66.3	60.9	51.7	47.4	42.7	41.0

Exit 55/EB/3, Site B-LT11



Short-term Measurements

Site PP-M1, 147 Tindle Ave

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/15/2002	10:20	20	58.3	10	4.1	62.4	61.4
2	10/15/2002	17:05	20	59.8	17	3.5	63.3	62.3

Site PP-M2, 53 Tindle Ave

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/15/2002	10:55	20	59.0	10	4.1	63.1	62.1
2	10/15/2002	17:30	20	60.0	18	3.9	63.9	62.9

NYSTA Thruway-wide Prioritization Study
Interval Database File: 9int.dbf

BA Job No. 5260.03

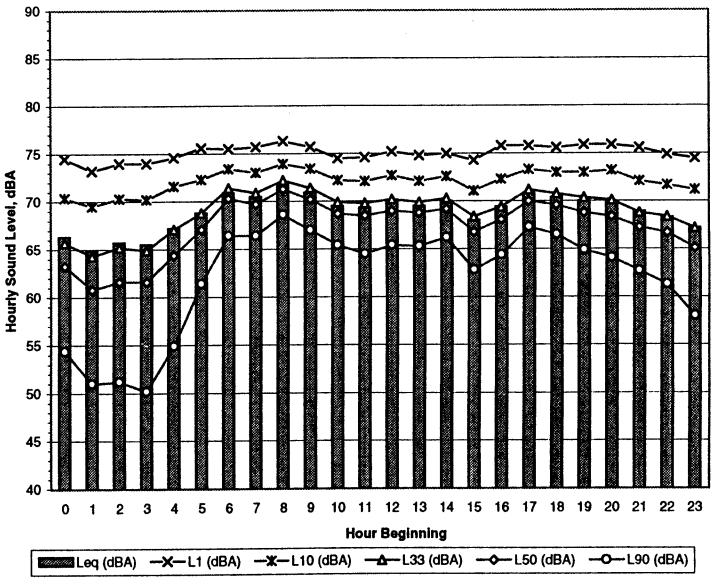
Assessment Area:	ML/exit 55/EB/2
Ldn:	74.4 dBA
Loudest Hour Leq:	71.8 dBA
Ldn - Loudest Hour:	2.6 dB

24-Hour Measurement

Site B-LT12, 86 Klas

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
0	10/16/2002	00:00:00	3600.00	66.3	74.5	70.4	65.7	63.3	54.4	47.9
1	10/16/2002	01:00:00	3600.00	64.9	73.2	69.5	64.3	60.8	51.0	45.8
2	10/16/2002	02:00:00	3600.00	65.7	74.0	70.3	65.2	61.6	51.2	46.6
3	10/16/2002	03:00:00	3600.00	65.5	74.0	70.2	64.9	61.6	50.2	45.2
4	10/16/2002	04:00:00	3600.00	67.2	74.6	71.6	67.1	64.4	54.9	45.7
5	10/16/2002	05:00:00	3600.00	68.8	75.6	72.3	68.8	67.1	61.4	56.4
6	10/16/2002	06:00:00	3600.00	70.9	75.5	73.4	71.4	70.3	66.4	62.2
7	10/15/2002	07:00:00	3600.00	70.5	75.7	73.0	70.9	69.7	66.4	64.0
8	10/15/2002	08:00:00	3600.00	71.8	76.3	73.9	72.2	71.3	68.6	66.0
9	10/15/2002	09:00:00	3600.00	70.9	75.7	73.4	71.4	70.2	67.0	63.8
10	10/15/2002	10:00:00	3600.00	69.5	74.5	72.2	69.9	68.7	65.4	62.6
11	10/15/2002	11:00:00	3600.00	69.3	74.6	72.1	69.8	68.5	64.5	61.3
12	10/15/2002	12:00:00	3600.00	69.9	75.2	72.7	70.2	69.0	65.4	62.0
13	10/15/2002	13:00:00	3600.00	69.5	74.8	72.1	69.9	68.8	65.3	62.4
14	10/15/2002	14:00:00	3600.00	70.0	75.0	72.6	70.3	69.2	66.2	63.9
15	10/15/2002	15:00:00	3600.00	68.0	74.3	71.1	68.4	66.8	62.8	60.1
16	10/15/2002	16:00:00	3600.00	69.4	75.8	72.3	69.4	68.1	64.4	62.1
17	10/15/2002	17:00:00	3600.00	70.8	75.8	73.3	71.2	70.0	67.3	65.0
18	10/15/2002	18:00:00	3600.00	70.4	75.6	73.0	70.8	69.6	66.5	63.3
19	10/15/2002	19:00:00	3600.00	70.0	75.9	73.0	70.4	68.8	64.9	60.6
20	10/15/2002	20:00:00	3600.00	69.8	75.9	73.2	70.1	68.4	64.1	61.2
21	10/15/2002	21:00:00	3600.00	68.9	75.6	72.1	68.8	67.3	62.7	58.9
22	10/15/2002	22:00:00	3600.00	68.3	74.9	71.7	68.4	66.7	61.3	56.7
23	10/15/2002	23:00:00	3600.00	67.2	74.5	71.2	67.2	65.1	58.0	51.2

Exit 55/EB/2, Site B-LT12



Short-term Measurements

Site QQ-M1, 70 Klas

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/15/2002	7:15	20	**66.7**	7	1.3	68.0	70.6
2	10/15/2002	9:20	20	**67.1**	9	0.9	68.0	70.6

Site QQ-M2, 155 Klas

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/15/2002	8:00	20	**70.3**	7	1.3	71.6	74.2
2	10/15/2002	9:55	20	**67.4**	10	2.3	69.7	72.3

NYSTA Thruway-wide Prioritization Study
BA Job No. 5260.03

Assessment Area:	ML/exit 56/EB/1
Ldn:	73.0 dBA
Loudest Hour Leq:	70.3 dBA
Ldn - Loudest Hour:	2.7 dB

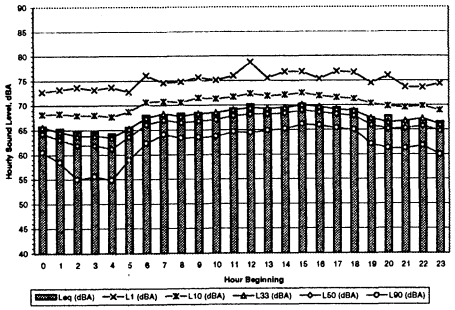
Interval Database File: 01int.dbf

24-Hour Measurement

Site B-LT13, 50 Fisher Park

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
0	11/14/2002	00:00:00	3600.00	65.8	72.8	68.2	65.6	64.3	60.5	58.1
1	11/14/2002	01:00:00	3600.00	65.3	73.2	68.3	64.7	63.1	58.5	54.1
2	11/14/2002	02:00:00	3600.00	64.9	73.7	68.0	63.8	61.9	55.0	50.4
3	11/14/2002	03:00:00	3600.00	64.7	73.2	68.1	63.9	61.9	55.6	51.9
4	11/14/2002	04:00:00	3600.00	64.3	73.7	67.7	63.5	61.2	54.8	51.5
5	11/14/2002	05:00:00	3600.00	65.6	72.8	68.7	65.3	63.6	58.9	55.8
6	11/14/2002	06:00:00	3600.00	68.1	76.1	70.7	67.5	66.1	62.3	59.2
7	11/14/2002	07:00:00	3600.00	68.2	74.6	70.9	68.3	67.0	64.1	61.3
8	11/14/2002	08:00:00	3600.00	68.4	74.8	70.6	67.8	66.5	63.4	61.4
9	11/14/2002	09:00:00	3600.00	68.5	75.7	71.5	68.3	66.8	63.5	60.8
10	11/14/2002	10:00:00	3600.00	68.4	75.1	71.3	68.5	67.1	63.7	61.1
11	11/14/2002	11:00:00	3600.00	69.4	76.0	71.7	69.1	67.9	64.6	61.8
12	11/13/2002	12:00:00	3600.00	70.2	78.8	72.4	69.5	68.2	64.4	61.0
13	11/13/2002	13:00:00	3600.00	69.3	75.6	71.9	69.4	68.2	64.9	62.3
14	11/13/2002	14:00:00	3600.00	69.5	76.8	72.1	69.5	68.4	65.2	62.3
15	11/13/2002	15:00:00	3600.00	70.3	76.8	72.5	70.1	69.0	66.1	63.3
16	11/13/2002	16:00:00	3600.00	69.6	75.4	71.9	69.7	68.6	65.9	63.8
17	11/13/2002	17:00:00	3600.00	69.6	76.9	71.6	69.2	68.2	65.3	63.0
18	11/13/2002	18:00:00	3600.00	69.2	76.7	71.3	68.9	67.9	65.0	62.4
19	11/13/2002	19:00:00	3600.00	67.5	74.5	70.4	67.4	66.0	62.1	58.6
20	11/13/2002	20:00:00	3600.00	67.8	76.0	69.8	66.5	65.2	61.3	57.5
21	11/13/2002	21:00:00	3600.00	66.6	73.7	69.6	66.8	65.3	61.2	57.0
22	11/13/2002	22:00:00	3600.00	67.0	73.6	69.9	67.3	65.8	61.8	58.2
23	11/13/2002	23:00:00	3600.00	66.6	74.4	69.0	66.1	64.8	60.0	56.8

Exit 56/EB/1, Site B-LT13



Interval Database File: 02int.dbf

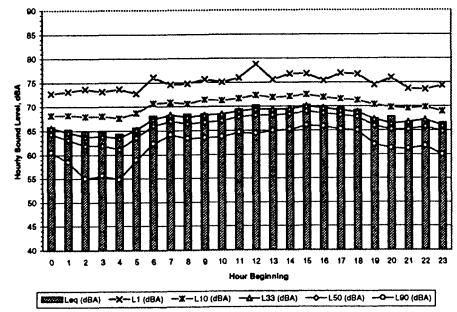
Ldn:	75.6 dBA
Loudest Hour Leq:	73.7 dBA
Ldn - Loudest Hour:	2.2 dB

24-Hour Measurement

Site B-LT14, 62 Firestone

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
0	11/14/2002	00:00:00	3600.00	68.1	76.7	72.2	67.5	64.5	53.9	46.2
1	11/14/2002	01:00:00	3600.00	67.1	75.8	71.6	66.5	63.2	54.4	47.6
2	11/14/2002	02:00:00	3600.00	67.2	75.8	71.6	66.0	62.3	52.8	47.8
3	11/14/2002	03:00:00	3600.00	68.4	75.9	72.3	67.4	64.0	55.4	50.8
4	11/14/2002	04:00:00	3600.00	67.1	75.4	71.5	66.7	63.3	55.1	51.9
5	11/14/2002	05:00:00	3600.00	69.1	76.4	72.8	69.1	67.0	60.1	55.5
6	11/14/2002	06:00:00	3600.00	71.3	77.5	74.4	71.6	70.1	65.5	61.7
7	11/14/2002	07:00:00	3600.00	71.8	77.4	74.6	72.1	70.9	67.4	64.4
8	11/14/2002	08:00:00	3600.00	71.6	77.8	74.4	71.9	70.6	66.8	63.3
9	11/14/2002	09:00:00	3600.00	71.9	77.7	74.8	72.2	70.9	66.9	63.9
10	11/14/2002	10:00:00	3600.00	72.0	77.9	75.2	72.4	70.9	66.3	62.9
11	11/14/2002	11:00:00	3600.00	72.6	78.8	75.7	73.0	71.4	67.2	63.4
12	11/14/2002	12:00:00	3600.00	72.7	78.7	75.7	73.2	71.7	67.7	64.2
13	11/13/2002	13:00:00	3600.00	72.9	79.0	75.9	73.0	71.7	67.9	64.2
14	11/13/2002	14:00:00	3600.00	73.2	79.3	76.0	73.5	72.2	68.2	64.8
15	11/13/2002	15:00:00	3600.00	73.7	79.4	76.5	74.0	72.7	69.0	66.2
16	11/13/2002	16:00:00	3600.00	73.2	78.8	75.9	73.6	72.4	69.0	65.5
17	11/13/2002	17:00:00	3600.00	72.7	78.4	75.6	73.0	71.8	68.2	65.2
18	11/13/2002	18:00:00	3600.00	72.5	78.7	75.5	72.8	71.5	67.3	63.5
19	11/13/2002	19:00:00	3600.00	71.0	77.7	74.5	71.2	69.5	64.3	60.3
20	11/13/2002	20:00:00	3600.00	70.2	77.2	73.4	70.3	68.5	63.0	58.3
21	11/13/2002	21:00:00	3600.00	70.3	76.7	73.6	70.6	68.9	63.6	58.5
22	11/13/2002	22:00:00	3600.00	70.3	76.9	74.0	70.4	68.4	62.5	57.0
23	11/13/2002	23:00:00	3600.00	69.0	76.4	72.7	69.0	66.6	60.0	53.3

Exit 56/EB/1, Site B-LT14



Short-term Measurements

Site RR-M1, 40 Fisher Park

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/14/2002	7:00	20	69.9	7	2.1	72.0	74.7
2	11/14/2002	9:40	20	73.2	9	1.8	75.0	77.7

Site RR-M2, 2005 Abbott Rd

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/14/2002	7:40	20	68.3	7	2.1	70.4	73.1
2	11/14/2002	10:15	20	67.8	10	1.9	69.7	72.4

Site RR-M3, 116 Edison

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/14/2002	7:40	20	72.5	7	6.4	72.9	75.6
2	11/14/2002	10:15	15	72.7	10	6.3	73.0	75.8

NYSTA Thruway-wide Prioritization Study
Interval Database File: 11int.dbf

BA Job No. 5260.03

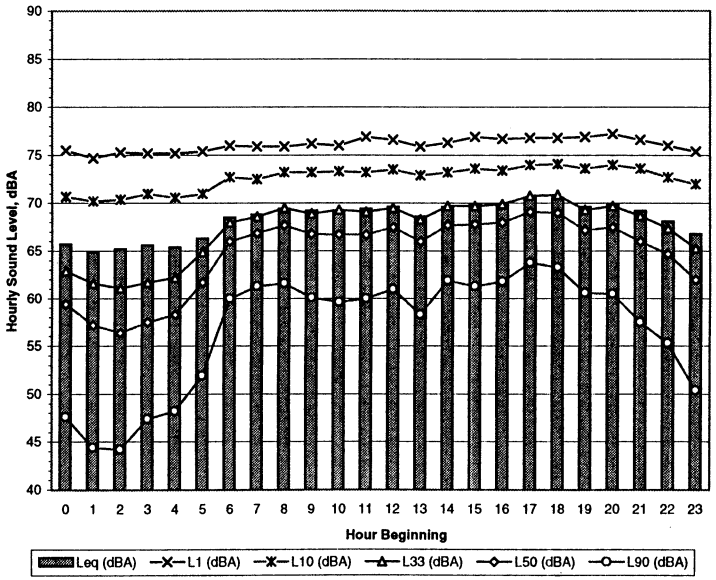
Assessment Area:	ML/exit 56/WB/2
Ldn:	73.5 dBA
Loudest Hour Leq:	70.6 dBA
Ldn - Loudest Hour:	2.9 dB

24-Hour Measurement

Site B-LT15, 3687 Blair

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
0	10/22/2002	00:00:00	3600.00	65.7	75.5	70.7	62.9	59.4	47.6	42.5
1	10/22/2002	01:00:00	3600.00	64.9	74.7	70.2	61.6	57.2	44.4	41.2
2	10/22/2002	02:00:00	3600.00	65.2	75.3	70.4	61.1	56.4	44.2	38.3
3	10/22/2002	03:00:00	3600.00	65.6	75.2	71.0	61.7	57.5	47.4	43.3
4	10/22/2002	04:00:00	3600.00	65.4	75.2	70.6	62.2	58.3	48.2	44.4
5	10/22/2002	05:00:00	3600.00	66.3	75.4	71.0	64.9	61.7	51.9	46.1
6	10/22/2002	06:00:00	3600.00	68.5	76.0	72.7	68.0	66.0	60.0	55.5
7	10/22/2002	07:00:00	3600.00	68.8	75.9	72.5	68.6	66.9	61.3	57.2
8	10/22/2002	08:00:00	3600.00	69.4	75.9	73.2	69.5	67.7	61.6	55.3
9	10/22/2002	09:00:00	3600.00	69.2	76.2	73.2	68.9	66.8	60.1	54.6
10	10/22/2002	10:00:00	3600.00	69.2	76.0	73.3	69.3	66.7	59.6	54.3
11	10/21/2002	11:00:00	3600.00	69.4	76.9	73.2	69.1	66.7	60.0	54.7
12	10/21/2002	12:00:00	3600.00	69.6	76.6	73.5	69.5	67.5	61.0	55.0
13	10/21/2002	13:00:00	3600.00	68.6	75.9	72.9	68.3	66.0	58.3	51.4
14	10/21/2002	14:00:00	3600.00	69.6	76.3	73.2	69.7	67.7	61.9	55.9
15	10/21/2002	15:00:00	3600.00	69.8	76.9	73.6	69.7	67.8	61.3	55.6
16	10/21/2002	16:00:00	3600.00	69.8	76.7	73.4	69.9	68.0	61.8	55.6
17	10/21/2002	17:00:00	3600.00	70.6	76.8	74.0	70.8	69.1	63.8	58.1
18	10/21/2002	18:00:00	3600.00	70.6	76.8	74.1	70.9	69.0	63.3	57.8
19	10/21/2002	19:00:00	3600.00	69.6	76.9	73.6	69.3	67.2	60.6	54.7
20	10/21/2002	20:00:00	3600.00	69.9	77.2	74.0	69.7	67.5	60.5	54.9
21	10/21/2002	21:00:00	3600.00	69.2	76.6	73.6	68.7	66.0	57.5	51.6
22	10/21/2002	22:00:00	3600.00	68.1	76.0	72.7	67.4	64.7	55.3	47.6
23	10/21/2002	23:00:00	3600.00	66.8	75.4	72.0	65.3	62.0	50.4	45.0

Exit 56/WB/2, Site B-LT15



Short-term Measurements

Site SS-M1, 4373 Abbott

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/21/2002	11:00	15	71.2	11	1.2	72.4	75.3
2	10/21/2002	17:35	20	72.6	17	0.0	72.6	75.5

Site SS-M2, 3725 Blair

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/21/2002	11:40	15	70.0	12	1.0	71.0	73.9
2	10/21/2002	17:00	15	71.9	17	0.0	71.9	74.6

NYSTA Thruway-wide Prioritization Study
Interval Database File: 12int.dbf

BA Job No. 5260.03

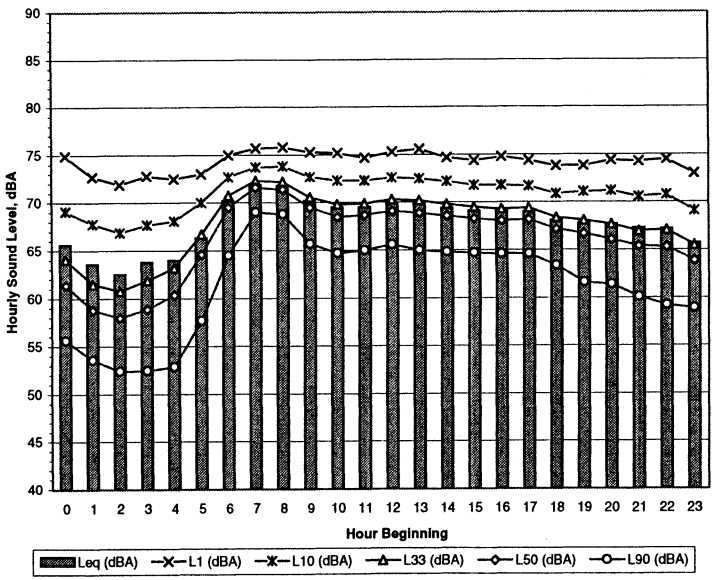
Assessment Area:	N/exit N1/NB/2
Ldn:	73.2 dBA
Loudest Hour Leq:	71.9 dBA
Ldn - Loudest Hour:	1.3 dB

24-Hour Measurement

Site N-LT1, 538 Willet

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
0	10/25/2002	00:00:00	3600.00	65.6	74.9	69.1	64.1	61.4	55.6	52.5
1	10/25/2002	01:00:00	3600.00	63.6	72.7	67.8	61.5	58.8	53.6	50.5
2	10/25/2002	02:00:00	3600.00	62.5	71.9	66.9	60.8	58.0	52.4	48.3
3	10/25/2002	03:00:00	3600.00	63.8	72.8	67.7	61.9	58.9	52.5	48.2
4	10/25/2002	04:00:00	3600.00	64.0	72.5	68.1	63.2	60.4	52.9	48.0
5	10/25/2002	05:00:00	3600.00	66.3	73.0	70.0	66.7	64.6	57.7	54.3
6	10/25/2002	06:00:00	3600.00	70.2	75.0	72.7	70.8	69.5	64.5	59.7
7	10/25/2002	07:00:00	3600.00	71.9	75.7	73.7	72.3	71.6	69.0	65.5
8	10/25/2002	08:00:00	3600.00	71.8	75.8	73.8	72.2	71.4	68.8	65.9
9	10/25/2002	09:00:00	3600.00	70.2	75.3	72.7	70.6	69.5	65.7	61.1
10	10/25/2002	10:00:00	3600.00	69.5	75.2	72.3	69.8	68.5	64.7	61.2
11	10/25/2002	11:00:00	3600.00	69.5	74.7	72.3	69.9	68.7	65.0	62.1
12	10/25/2002	12:00:00	3600.00	69.9	75.3	72.6	70.3	69.1	65.6	62.6
13	10/24/2002	13:00:00	3600.00	69.9	75.6	72.5	70.2	68.9	65.0	61.7
14	10/24/2002	14:00:00	3600.00	69.4	74.7	72.2	69.8	68.6	64.8	60.9
15	10/24/2002	15:00:00	3600.00	69.1	74.4	71.8	69.5	68.3	64.7	61.4
16	10/24/2002	16:00:00	3600.00	69.1	74.8	71.8	69.3	68.1	64.6	61.4
17	10/24/2002	17:00:00	3600.00	69.0	74.4	71.7	69.4	68.2	64.6	61.2
18	10/24/2002	18:00:00	3600.00	68.1	73.8	70.9	68.4	67.2	63.4	60.1
19	10/24/2002	19:00:00	3600.00	67.8	73.8	71.1	68.1	66.7	61.6	58.0
20	10/24/2002	20:00:00	3600.00	67.7	74.4	71.2	67.7	66.1	61.4	58.0
21	10/24/2002	21:00:00	3600.00	67.3	74.3	70.6	67.0	65.4	60.1	56.0
22	10/24/2002	22:00:00	3600.00	67.2	74.5	70.8	67.1	65.3	59.2	55.6
23	10/24/2002	23:00:00	3600.00	65.7	73.0	69.1	65.5	63.9	58.9	55.1

Exit N1/NB/2, Site N-LT1



Short-term Measurements

Site TT-M1, 570 Ogden St

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/25/2002	7:10	15	71.9	7	0.0	71.9	73.2
2	10/25/2002	10:50	15	70.6	10	2.4	73.0	74.3

Site TT-M2, 184 Weaver Ave

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/25/2002	7:50	15	70.9	8	0.1	71.0	72.3
2	10/25/2002	11:10	15	68.0	11	2.4	70.4	71.7

NYSTA Thruway-wide Prioritization Study
Interval Database File: 13int.dbf

BA Job No. 5260.03

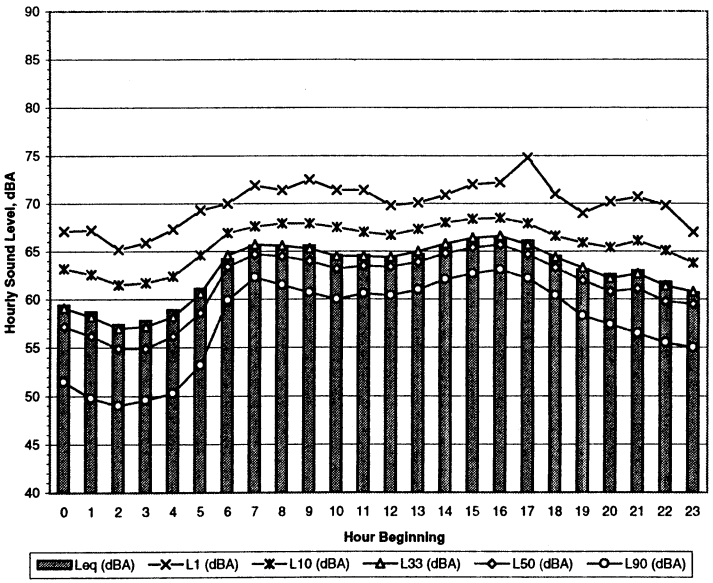
Assessment Area:	N/exit N2/SB/1	
Ldn:	67.9	dBA
Loudest Hour Leq:	66.4	dBA
Ldn - Loudest Hour:	1.5	dB

24-Hour Measurement

Site N-LT2, 4 Rejtan St

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
0	10/30/2002	00:00:00	3600.00	59.4	67.1	63.2	59.1	57.2	51.5	47.0
1	10/30/2002	01:00:00	3600.00	58.7	67.2	62.6	58.2	56.2	49.8	46.3
2	10/30/2002	02:00:00	3600.00	57.4	65.2	61.5	57.0	54.9	49.0	45.5
3	10/30/2002	03:00:00	3600.00	57.8	65.9	61.7	57.2	54.9	49.6	46.9
4	10/30/2002	04:00:00	3600.00	58.9	67.3	62.4	58.2	56.2	50.3	45.8
5	10/30/2002	05:00:00	3600.00	61.1	69.3	64.6	60.6	58.6	53.2	50.0
6	10/30/2002	06:00:00	3600.00	64.2	70.0	66.9	64.6	63.4	59.9	56.9
7	10/30/2002	07:00:00	3600.00	65.6	71.9	67.6	65.7	64.7	62.3	60.4
8	10/30/2002	08:00:00	3600.00	65.4	71.4	67.9	65.6	64.5	61.5	59.2
9	10/30/2002	09:00:00	3600.00	65.6	72.5	67.9	65.3	64.0	60.7	58.4
10	10/29/2002	10:00:00	3600.00	64.6	71.4	67.5	64.5	63.2	60.0	58.0
11	10/29/2002	11:00:00	3600.00	64.6	71.4	67.0	64.5	63.5	60.6	58.7
12	10/29/2002	12:00:00	3600.00	64.3	69.8	66.7	64.4	63.4	60.4	58.1
13	10/29/2002	13:00:00	3600.00	64.7	70.1	67.3	65.0	63.9	61.0	59.1
14	10/29/2002	14:00:00	3600.00	65.6	70.9	68.0	65.8	64.8	62.1	60.2
15	10/29/2002	15:00:00	3600.00	66.2	72.0	68.4	66.4	65.4	62.7	60.4
16	10/29/2002	16:00:00	3600.00	66.4	72.2	68.5	66.6	65.7	63.1	61.1
17	10/29/2002	17:00:00	3600.00	66.1	74.8	67.9	65.7	64.7	62.2	59.8
18	10/29/2002	18:00:00	3600.00	64.5	71.0	66.6	64.4	63.3	60.4	58.0
19	10/29/2002	19:00:00	3600.00	63.1	69.0	65.9	63.3	62.0	58.3	55.3
20	10/29/2002	20:00:00	3600.00	62.6	70.2	65.4	62.2	60.8	57.4	54.2
21	10/29/2002	21:00:00	3600.00	63.0	70.7	66.1	62.7	61.1	56.5	53.5
22	10/29/2002	22:00:00	3600.00	61.8	69.8	65.1	61.4	59.8	55.5	51.7
23	10/29/2002	23:00:00	3600.00	60.7	67.0	63.8	60.8	59.5	55.0	51.1

Exit N2/SB/1, Site N-LT2



Short-term Measurements

Site UU-M1, 8 Rejtan

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/29/2002	13:50	20	63.0	13	1.7	64.7	66.2
2	10/29/2002	16:10	15	64.5	16	0.0	64.5	66.0

Site UU-M2, 33 Cliff St

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/29/2002	14:20	15	71.6	14	0.8	72.4	73.9
2	10/29/2002	16:35	15	70.2	16	0.0	70.2	71.7

NYSTA Thruway-wide Prioritization Study
Interval Database File: 14int.dbf

BA Job No. 5260.03

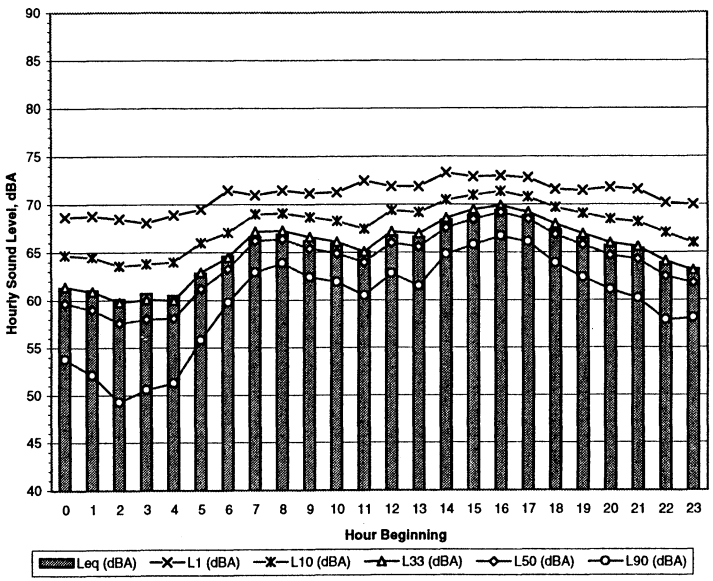
Assessment Area:	N/exit N3/SB/1
Ldn:	69.8 dBA
Loudest Hour Leq:	69.4 dBA
Ldn - Loudest Hour:	0.4 dB

24-Hour Measurement

Site N-LT3, 31 Glenn St

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
0	10/25/2002	00:00:00	3600.00	61.3	68.7	64.7	61.4	59.7	53.8	49.0
1	10/25/2002	01:00:00	3600.00	61.0	68.8	64.5	60.9	59.0	52.1	47.3
2	10/25/2002	02:00:00	3600.00	60.1	68.5	63.6	59.8	57.6	49.3	46.2
3	10/25/2002	03:00:00	3600.00	60.7	68.1	63.8	60.1	58.0	50.6	46.1
4	10/25/2002	04:00:00	3600.00	60.5	68.9	64.0	60.0	58.1	51.3	45.8
5	10/25/2002	05:00:00	3600.00	62.8	69.5	66.0	62.9	61.2	55.8	51.5
6	10/25/2002	06:00:00	3600.00	64.6	71.5	67.1	64.5	63.3	59.8	56.4
7	10/25/2002	07:00:00	3600.00	66.6	71.0	69.0	67.2	66.2	62.9	60.4
8	10/25/2002	08:00:00	3600.00	66.9	71.5	69.1	67.3	66.4	63.9	62.1
9	10/25/2002	09:00:00	3600.00	66.2	71.2	68.7	66.6	65.4	62.4	60.2
10	10/25/2002	10:00:00	3600.00	65.9	71.3	68.3	66.1	64.9	61.9	59.4
11	10/25/2002	11:00:00	3600.00	65.1	72.5	67.5	65.1	64.0	60.5	58.0
12	10/24/2002	12:00:00	3600.00	66.8	71.9	69.4	67.2	66.0	62.8	59.6
13	10/24/2002	13:00:00	3600.00	66.6	71.9	69.2	67.0	65.6	61.5	57.7
14	10/24/2002	14:00:00	3600.00	68.4	73.3	70.5	68.6	67.6	64.8	62.4
15	10/24/2002	15:00:00	3600.00	68.9	72.9	71.0	69.5	68.5	65.8	63.6
16	10/24/2002	16:00:00	3600.00	69.4	73.0	71.4	69.9	69.2	66.7	64.4
17	10/24/2002	17:00:00	3600.00	68.8	72.8	70.8	69.2	68.5	66.1	63.6
18	10/24/2002	18:00:00	3600.00	67.4	71.6	69.7	68.0	66.9	63.9	60.7
19	10/24/2002	19:00:00	3600.00	66.5	71.5	69.1	67.0	65.8	62.4	59.5
20	10/24/2002	20:00:00	3600.00	65.7	71.8	68.5	66.0	64.7	61.1	58.3
21	10/24/2002	21:00:00	3600.00	65.4	71.6	68.2	65.6	64.3	60.2	56.4
22	10/24/2002	22:00:00	3600.00	63.9	70.2	67.1	64.1	62.5	57.9	54.4
23	10/24/2002	23:00:00	3600.00	63.2	70.0	66.0	63.1	61.8	58.1	54.3

Exit N3/SB/1, Site N-LT3



Short-term Measurements

Site VV-M1, 26 Cliff St

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/24/2002	15:12	15	70.0	15	0.5	70.5	70.9
2	10/24/2002	17:15	15	68.0	17	0.6	68.6	69.0

Site VV-M2, 22 Glenn

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/24/2002	15:45	15	70.4	16	0.0	70.4	70.8
2	10/24/2002	16:50	15	70.5	16	0.0	70.5	70.9

NYSTA Thruway-wide Prioritization Study
Interval Database File: 15int.dbf

BA Job No. 5260.03

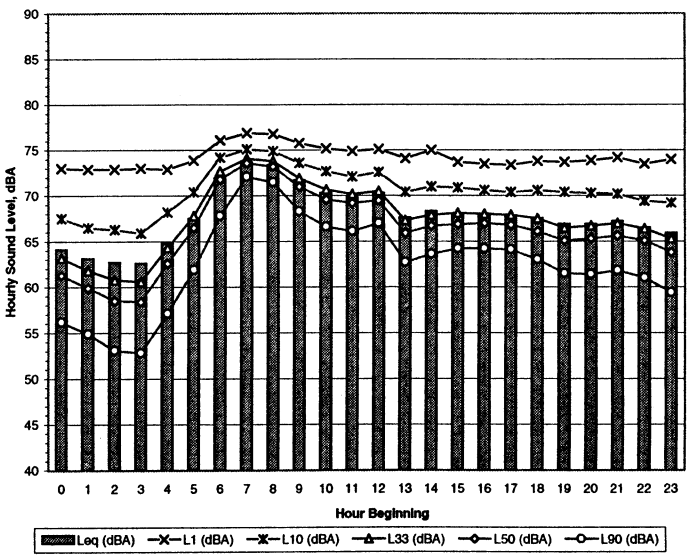
Assessment Area:	N/exit N3/NB/1
Ldn:	73.6 dBA
Loudest Hour Leq:	73.7 dBA
Ldn - Loudest Hour:	-0.1 dB

24-Hour Measurement

Site N-LT4, 189 Orlando

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
0	10/31/2002	00:00:00	3600.00	64.1	73.0	67.5	63.2	61.3	56.2	52.5
1	10/31/2002	01:00:00	3600.00	63.1	72.9	66.5	61.8	59.9	54.9	51.5
2	10/31/2002	02:00:00	3600.00	62.7	72.9	66.3	60.8	58.5	53.1	49.0
3	10/31/2002	03:00:00	3600.00	62.6	73.0	65.9	60.6	58.4	52.8	50.2
4	10/31/2002	04:00:00	3600.00	64.8	72.9	68.2	64.3	62.6	57.1	52.2
5	10/31/2002	05:00:00	3600.00	67.5	73.9	70.4	67.8	66.5	61.9	56.3
6	10/31/2002	06:00:00	3600.00	72.0	76.1	74.2	72.7	71.8	67.8	65.0
7	10/31/2002	07:00:00	3600.00	73.7	76.9	75.1	74.1	73.6	72.1	70.5
8	10/31/2002	08:00:00	3600.00	73.4	76.8	74.9	73.8	73.2	71.5	69.9
9	10/31/2002	09:00:00	3600.00	71.7	75.8	73.6	71.9	71.0	68.3	66.0
10	10/31/2002	10:00:00	3600.00	70.3	75.2	72.7	70.7	69.6	66.6	64.1
11	10/31/2002	11:00:00	3600.00	69.8	74.9	72.1	70.2	69.2	66.1	63.4
12	10/31/2002	12:00:00	3600.00	70.3	75.1	72.6	70.5	69.5	67.0	65.1
13	10/30/2002	13:00:00	3600.00	67.6	74.1	70.4	67.3	65.9	62.7	60.3
14	10/30/2002	14:00:00	3600.00	68.3	75.0	71.0	67.9	66.7	63.6	61.1
15	10/30/2002	15:00:00	3600.00	68.0	73.7	70.9	68.1	66.9	64.2	61.8
16	10/30/2002	16:00:00	3600.00	68.0	73.5	70.6	68.0	67.0	64.2	62.1
17	10/30/2002	17:00:00	3600.00	67.8	73.4	70.4	67.9	66.8	64.1	61.8
18	10/30/2002	18:00:00	3600.00	67.5	73.8	70.6	67.5	66.1	63.0	60.3
19	10/30/2002	19:00:00	3600.00	66.9	73.7	70.4	66.5	65.1	61.5	58.5
20	10/30/2002	20:00:00	3600.00	66.9	73.9	70.3	66.7	65.3	61.4	58.8
21	10/30/2002	21:00:00	3600.00	67.2	74.2	70.2	67.0	65.6	61.8	58.4
22	10/30/2002	22:00:00	3600.00	66.5	73.5	69.4	66.4	65.1	61.0	57.5
23	10/30/2002	23:00:00	3600.00	65.9	74.0	69.2	65.3	63.8	59.4	55.9

Exit N3/NB/1, Site N-LT4



Short-term Measurements

Site WW-M1, 100 Walter St

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/31/2002	7:15	15	**74.1**	7	0.0	74.1	74.0
2	10/31/2002	10:15	15	**74.3**	10	3.4	77.7	77.6

Site WW-M2, 15 Oakdale St

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/31/2002	7:40	15	**75.4**	7	0.0	75.4	75.3
2	10/31/2002	10:50	15	**70.4**	10	3.4	73.8	73.7

Site WW-M3, 36 Harrison

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/31/2002	8:15	15	**70.1**	8	0.3	70.4	70.3
2	10/31/2002	11:10	15	**66.7**	11	3.9	70.6	70.5

NYSTA Thruway-wide Prioritization Study
Interval Database File: 16int.dbf

BA Job No. 5260.03

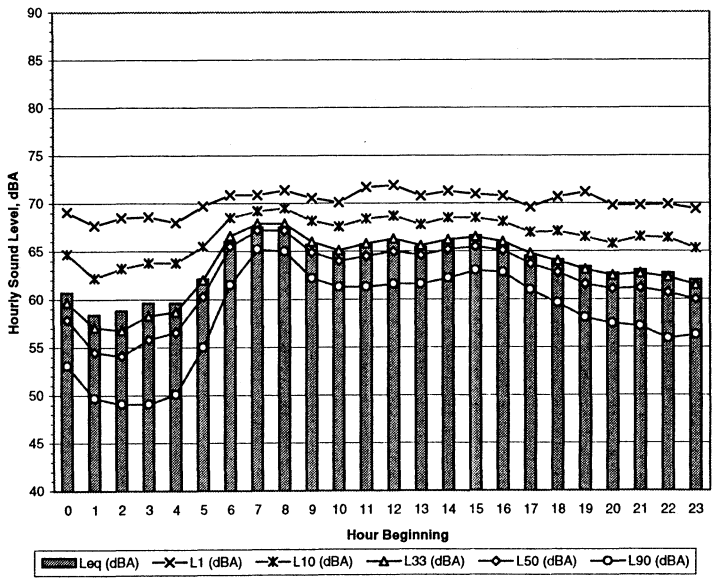
Assessment Area:	N/exit N3/NB/2	
Ldn:	68.9	dBA
Loudest Hour Leq:	67.5	dBA
Ldn - Loudest Hour:	1.4	dB

24-Hour Measurement

Site N-LT5, 37 Clifford St

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
0	10/30/2002	00:00:00	3600.00	60.7	69.1	64.7	59.7	57.9	53.1	49.5
1	10/30/2002	01:00:00	3600.00	58.4	67.7	62.2	57.1	54.5	49.7	47.1
2	10/30/2002	02:00:00	3600.00	58.8	68.5	63.2	56.8	54.1	49.1	47.1
3	10/30/2002	03:00:00	3600.00	59.6	68.6	63.8	58.3	55.8	49.1	45.1
4	10/30/2002	04:00:00	3600.00	59.6	68.0	63.8	58.7	56.6	50.1	46.7
5	10/30/2002	05:00:00	3600.00	62.1	69.7	65.5	62.0	60.3	55.0	48.9
6	10/30/2002	06:00:00	3600.00	66.0	70.9	68.5	66.6	65.5	61.5	58.6
7	10/30/2002	07:00:00	3600.00	67.5	70.9	69.2	67.9	67.2	65.2	63.3
8	10/30/2002	08:00:00	3600.00	67.5	71.4	69.5	67.9	67.2	65.0	63.1
9	10/30/2002	09:00:00	3600.00	65.7	70.6	68.2	66.0	64.9	62.2	59.5
10	10/30/2002	10:00:00	3600.00	64.9	70.1	67.6	65.1	64.0	61.3	58.4
11	10/29/2002	11:00:00	3600.00	65.7	71.7	68.4	65.8	64.5	61.3	58.8
12	10/29/2002	12:00:00	3600.00	66.0	71.9	68.7	66.3	65.0	61.6	59.2
13	10/29/2002	13:00:00	3600.00	65.4	70.8	67.8	65.6	64.6	61.6	59.1
14	10/29/2002	14:00:00	3600.00	66.0	71.3	68.5	66.2	65.2	62.2	59.7
15	10/29/2002	15:00:00	3600.00	66.6	71.0	68.5	66.5	65.5	63.0	60.8
16	10/29/2002	16:00:00	3600.00	65.8	70.8	68.1	66.0	65.1	62.8	60.8
17	10/29/2002	17:00:00	3600.00	64.5	69.6	67.0	64.8	63.7	61.0	59.1
18	10/29/2002	18:00:00	3600.00	64.1	70.7	67.1	64.0	62.8	59.6	57.1
19	10/29/2002	19:00:00	3600.00	63.4	71.2	66.5	63.1	61.6	58.1	55.2
20	10/29/2002	20:00:00	3600.00	62.7	69.8	65.8	62.5	61.1	57.5	54.3
21	10/29/2002	21:00:00	3600.00	63.0	69.8	66.5	62.7	61.2	57.2	53.0
22	10/29/2002	22:00:00	3600.00	62.7	69.9	66.4	62.3	60.7	55.9	52.3
23	10/29/2002	23:00:00	3600.00	62.0	69.4	65.3	61.5	60.0	56.3	53.8

Exit N3/NB/2, Site N-LT5



Short-term Measurements

Site XX-M1, 11 Clifford

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/30/2002	7:15	15	68.3	7	0.0	68.3	69.7
2	10/30/2002	9:50	15	66.0	9	1.8	67.8	69.2

Site XX-M2, behind 45 Clifford

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/30/2002	7:50	15	67.9	7	0.0	67.9	69.3
2	10/30/2002	10:10	15	66.4	9	1.8	68.2	69.6

I:\298\298550\Measurement Data\HMMH\Measurement data.xls\\Tab: exN3_nb2

H-53

NYSTA Thruway-wide Prioritization Study
Interval Database File: 17int.dbf

BA Job No. 5260.03

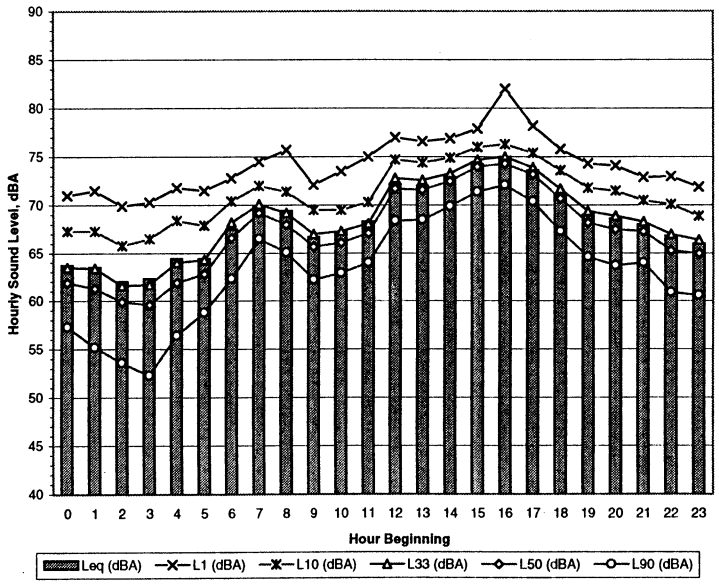
Assessment Area:	N/exit N5/SB/2
Ldn:	73.0 dBA
Loudest Hour Leq:	75.0 dBA
Ldn - Loudest Hour:	-2.0 dB

24-Hour Measurement

Site N-LT6, 837 Perry St

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
0	10/31/2002	00:00:00	3600.00	63.7	71.0	67.3	63.5	61.9	57.3	53.7
1	10/31/2002	01:00:00	3600.00	63.5	71.5	67.3	63.4	61.3	55.2	50.8
2	10/31/2002	02:00:00	3600.00	62.0	69.9	65.8	61.6	59.9	53.6	48.9
3	10/31/2002	03:00:00	3600.00	62.3	70.3	66.5	61.7	59.6	52.3	48.3
4	10/31/2002	04:00:00	3600.00	64.4	71.8	68.4	64.0	61.9	56.4	51.3
5	10/31/2002	05:00:00	3600.00	64.4	71.5	67.9	64.3	62.8	58.8	55.7
6	10/31/2002	06:00:00	3600.00	67.5	72.8	70.4	68.2	66.6	62.3	58.5
7	10/31/2002	07:00:00	3600.00	69.8	74.5	72.0	70.1	69.2	66.5	64.4
8	10/31/2002	08:00:00	3600.00	69.4	75.7	71.4	69.2	68.0	65.1	62.5
9	10/31/2002	09:00:00	3600.00	66.7	72.1	69.5	67.0	65.7	62.2	60.0
10	10/31/2002	10:00:00	3600.00	67.2	73.5	69.5	67.3	66.1	62.9	61.1
11	10/31/2002	11:00:00	3600.00	68.3	75.0	70.3	68.1	67.1	64.0	61.4
12	10/30/2002	12:00:00	3600.00	72.2	77.0	74.7	72.8	71.7	68.4	65.6
13	10/30/2002	13:00:00	3600.00	72.0	76.6	74.4	72.6	71.6	68.5	65.4
14	10/30/2002	14:00:00	3600.00	72.9	76.9	74.9	73.3	72.5	69.9	67.7
15	10/30/2002	15:00:00	3600.00	74.2	77.9	76.0	74.7	74.0	71.4	69.1
16	10/30/2002	16:00:00	3600.00	75.0	82.0	76.3	75.0	74.3	72.1	70.0
17	10/30/2002	17:00:00	3600.00	73.6	78.2	75.4	73.9	73.2	70.4	67.4
18	10/30/2002	18:00:00	3600.00	71.2	75.8	73.6	71.7	70.7	67.3	65.0
19	10/30/2002	19:00:00	3600.00	69.0	74.3	71.8	69.4	68.2	64.6	61.3
20	10/30/2002	20:00:00	3600.00	68.6	74.1	71.5	68.9	67.5	63.7	61.1
21	10/30/2002	21:00:00	3600.00	68.0	72.9	70.5	68.3	67.3	64.0	61.3
22	10/30/2002	22:00:00	3600.00	66.8	73.0	70.1	67.0	65.3	60.9	57.3
23	10/30/2002	23:00:00	3600.00	66.0	71.9	68.9	66.4	65.0	60.6	56.1

Exit N5/SB/2, Site N-LT6



Short-term Measurements

Site YY-M1, 849 Perry St

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/30/2002	14:55	15	74.2	15	0.8	75.0	73.0
2	10/30/2002	16:15	15	74.7	16	0.0	74.7	72.7

Site YY-M2, between 734 & 738 Perry St

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/30/2002	15:20	15	71.8	15	0.8	72.6	70.6
2	10/30/2002	16:40	15	72.3	17	1.4	73.7	71.7

NYSTA Thruway-wide Prioritization Study
BA Job No. 5260.03

Assessment Area:	N/exit N5/SB/1

Ldn:	68.8 dBA
Loudest Hour Leq:	67.3 dBA
Ldn - Loudest Hour:	1.5 dB

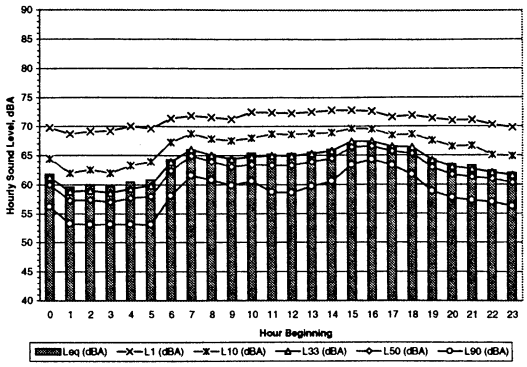
Interval Database File: 18int.dbf

24-Hour Measurement

Site N-LT7, 546 Perry St

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
0	11/08/2002	00:00:00	3600.00	61.8	69.8	64.5	61.3	60.0	56.2	54.0
1	11/08/2002	01:00:00	3600.00	59.6	68.7	62.0	58.8	57.3	53.3	51.1
2	11/08/2002	02:00:00	3600.00	60.0	69.1	62.6	59.0	57.4	53.1	50.4
3	11/08/2002	03:00:00	3600.00	59.7	69.2	62.0	58.6	57.0	53.2	50.7
4	11/08/2002	04:00:00	3600.00	60.5	70.0	63.3	59.3	57.7	53.2	50.3
5	11/08/2002	05:00:00	3600.00	60.8	69.6	63.9	59.9	58.0	53.1	50.2
6	11/08/2002	06:00:00	3600.00	64.3	71.4	67.3	63.9	62.4	58.1	55.2
7	11/08/2002	07:00:00	3600.00	66.0	71.9	68.8	66.1	65.0	61.6	59.1
8	11/08/2002	08:00:00	3600.00	65.2	71.6	67.9	65.1	64.0	60.8	58.1
9	11/08/2002	09:00:00	3600.00	64.6	71.3	67.6	64.4	63.1	59.9	57.5
10	11/08/2002	10:00:00	3600.00	65.4	72.5	68.0	64.8	63.5	60.6	58.5
11	11/07/2002	11:00:00	3600.00	65.2	72.4	68.7	65.0	63.3	58.7	54.7
12	11/07/2002	12:00:00	3600.00	65.3	72.3	68.6	64.9	63.3	58.6	54.2
13	11/07/2002	13:00:00	3600.00	65.5	72.5	68.8	65.3	63.9	59.7	56.0
14	11/07/2002	14:00:00	3600.00	66.0	72.8	68.9	65.8	64.5	60.6	56.3
15	11/07/2002	15:00:00	3600.00	67.2	72.8	69.6	67.4	66.4	63.4	59.6
16	11/07/2002	16:00:00	3600.00	67.3	72.6	69.5	67.4	66.8	64.3	61.4
17	11/07/2002	17:00:00	3600.00	66.4	71.6	68.5	66.5	65.7	63.3	60.1
18	11/07/2002	18:00:00	3600.00	66.1	71.9	68.6	66.4	65.3	61.7	58.6
19	11/07/2002	19:00:00	3600.00	64.3	71.4	67.6	64.2	62.9	58.8	55.3
20	11/07/2002	20:00:00	3600.00	63.5	71.0	66.6	63.1	61.7	57.7	55.1
21	11/07/2002	21:00:00	3600.00	63.3	71.1	66.7	62.7	61.3	57.3	54.1
22	11/07/2002	22:00:00	3600.00	62.4	70.3	65.1	62.1	61.0	57.0	53.9
23	11/07/2002	23:00:00	3600.00	62.0	69.8	64.9	61.6	60.3	56.3	53.5

Exit N5/SB/1, Site N-LT7



Interval Database File: 82int.dbf

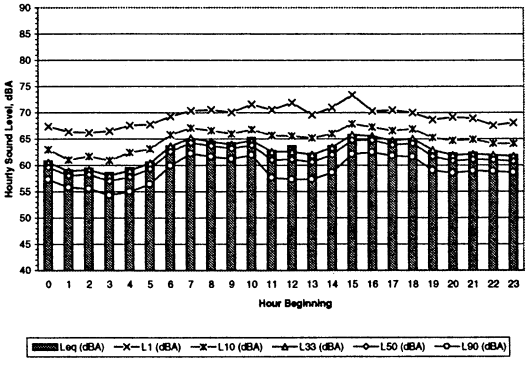
Ldn:	69.0 dBA
Loudest Hour Leq:	66.8 dBA
Ldn - Loudest Hour:	2.2 dB

24-Hour Measurement

Site N-LT8, N of ROW fence

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
0	11/08/2002	00:00:00	3600.00	60.8	67.4	63.0	60.5	59.6	57.3	56.0
1	11/08/2002	01:00:00	3600.00	59.1	66.4	61.0	58.9	58.0	55.8	54.0
2	11/08/2002	02:00:00	3600.00	59.4	66.2	61.7	59.1	58.2	55.5	53.5
3	11/08/2002	03:00:00	3600.00	58.6	66.5	60.9	58.0	57.0	54.3	52.0
4	11/08/2002	04:00:00	3600.00	59.5	67.6	62.4	59.0	57.8	55.0	53.1
5	11/08/2002	05:00:00	3600.00	60.6	67.8	63.1	60.4	59.3	56.4	54.3
6	11/08/2002	06:00:00	3600.00	63.7	69.3	65.8	63.6	62.6	59.9	58.0
7	11/08/2002	07:00:00	3600.00	65.0	70.4	67.1	65.2	64.3	62.2	61.0
8	11/08/2002	08:00:00	3600.00	64.6	70.6	66.6	64.5	63.7	61.6	60.1
9	11/08/2002	09:00:00	3600.00	64.3	70.1	66.0	64.0	63.2	61.2	59.7
10	11/08/2002	10:00:00	3600.00	65.3	71.6	66.8	64.7	63.8	61.9	60.6
11	11/07/2002	11:00:00	3600.00	62.8	70.6	65.7	62.6	61.0	57.6	55.4
12	11/07/2002	12:00:00	3600.00	63.7	71.9	65.6	62.6	61.1	57.3	54.7
13	11/07/2002	13:00:00	3600.00	62.2	69.6	65.2	62.0	60.6	57.3	55.0
14	11/07/2002	14:00:00	3600.00	63.7	71.0	66.0	63.4	62.0	58.6	56.2
15	11/07/2002	15:00:00	3600.00	65.8	73.4	67.9	65.8	64.8	62.1	59.6
16	11/07/2002	16:00:00	3600.00	65.5	70.3	67.3	65.6	64.8	62.5	60.5
17	11/07/2002	17:00:00	3600.00	64.7	70.5	66.6	64.7	63.9	61.8	60.0
18	11/07/2002	18:00:00	3600.00	64.9	70.0	66.9	65.1	64.2	61.6	59.6
19	11/07/2002	19:00:00	3600.00	62.8	68.7	65.3	62.9	61.7	59.0	57.3
20	11/07/2002	20:00:00	3600.00	62.3	69.2	64.7	61.9	60.8	58.5	56.8
21	11/07/2002	21:00:00	3600.00	62.4	68.9	64.9	62.1	61.1	58.9	57.4
22	11/07/2002	22:00:00	3600.00	61.9	67.6	64.1	61.9	61.0	58.8	56.5
23	11/07/2002	23:00:00	3600.00	61.9	68.1	64.1	61.7	60.7	58.6	57.1

Exit N5/SB/1, Site N-LT8



Short-term Measurements

Site ZZ-M1, 554 Perry St

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/08/2002	7:20	15	68.0	7	1.3	69.3	70.8
2	11/08/2002	9:25	15	67.7	10	1.9	69.6	71.1

Site ZZ-M2, 482-492 Perry St

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/08/2002	7:20	20	67.3	7	1.3	68.6	70.1
2	11/08/2002	9:25	15	65.1	9	2.7	67.8	69.3

Site ZZ-M3, 93 Hayward St

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	11/08/2002	7:55	20	66.3	7	1.3	67.6	69.1
2	11/08/2002	10:00	20	68.5	10	1.9	70.4	71.9

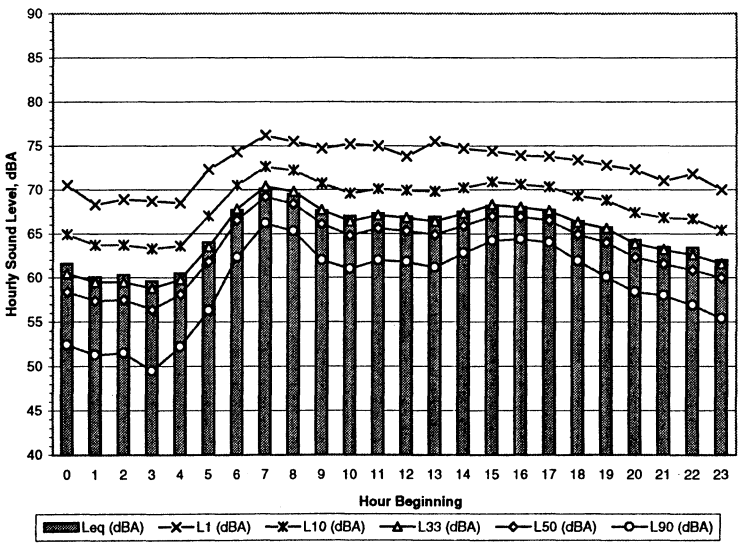
NYSTA Thruway-wide Prioritization Study		**Assessment Area:**	**N/exit N8/NB/1**
Interval Database File:	**19int.dbf**	**Ldn:**	**70.3 dBA**
		Loudest Hour Leq:	**70.1 dBA**
BA Job No. 5260.03		**Ldn - Loudest Hour:**	**0.2 dB**

24-Hour Measurement

Site N-LT9, W of ROW fence NW of 22A Carolina St

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
0	10/24/2002	00:00:00	3600.00	61.6	70.5	64.9	60.5	58.4	52.4	47.5
1	10/24/2002	01:00:00	3600.00	60.1	68.3	63.7	59.5	57.4	51.3	46.6
2	10/24/2002	02:00:00	3600.00	60.3	68.9	63.7	59.5	57.5	51.5	47.0
3	10/24/2002	03:00:00	3600.00	59.6	68.7	63.3	58.8	56.4	49.5	46.1
4	10/24/2002	04:00:00	3600.00	60.5	68.5	63.6	59.8	58.1	52.2	45.0
5	10/24/2002	05:00:00	3600.00	64.0	72.3	67.0	63.5	61.8	56.3	51.9
6	10/24/2002	06:00:00	3600.00	67.7	74.3	70.5	67.8	66.5	62.3	58.4
7	10/24/2002	07:00:00	3600.00	70.1	76.2	72.6	70.4	69.2	66.2	63.6
8	10/24/2002	08:00:00	3600.00	69.5	75.5	72.2	69.8	68.4	65.3	63.1
9	10/24/2002	09:00:00	3600.00	67.6	74.7	70.7	67.7	66.1	62.0	59.2
10	10/24/2002	10:00:00	3600.00	67.0	75.2	69.6	66.4	64.8	61.0	58.3
11	10/23/2002	11:00:00	3600.00	67.3	75.0	70.1	67.1	65.6	62.0	59.5
12	10/23/2002	12:00:00	3600.00	66.9	73.8	69.9	66.8	65.3	61.8	59.7
13	10/23/2002	13:00:00	3600.00	66.9	75.5	69.8	66.4	64.9	61.2	58.7
14	10/23/2002	14:00:00	3600.00	67.5	74.7	70.2	67.3	65.9	62.8	60.4
15	10/23/2002	15:00:00	3600.00	68.2	74.4	70.9	68.3	67.0	64.2	62.3
16	10/23/2002	16:00:00	3600.00	68.0	73.9	70.6	68.0	66.9	64.4	62.5
17	10/23/2002	17:00:00	3600.00	67.7	73.8	70.3	67.6	66.5	64.0	62.3
18	10/23/2002	18:00:00	3600.00	66.4	73.4	69.3	66.3	64.9	61.9	59.1
19	10/23/2002	19:00:00	3600.00	65.7	72.8	68.8	65.6	64.0	60.1	57.1
20	10/23/2002	20:00:00	3600.00	64.3	72.3	67.4	63.9	62.3	58.4	55.3
21	10/23/2002	21:00:00	3600.00	63.5	71.0	66.8	63.2	61.6	58.0	54.3
22	10/23/2002	22:00:00	3600.00	63.4	71.8	66.7	62.6	60.9	56.9	53.7
23	10/23/2002	23:00:00	3600.00	62.0	70.0	65.4	61.6	60.0	55.4	51.5

Exit N8/NB/1, Site N-LT9



Short-term Measurements

Site AB-M1, 66A Carolina St

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/24/2002	7:10	15	**62.0**	7	**0.0**	**62.0**	**62.2**
2	10/24/2002	10:15	15	**57.9**	10	**3.1**	**61.0**	**61.2**

Site AB-M2, just N of 22A Carolina St

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/24/2002	7:50	15	**69.1**	8	**0.6**	**69.7**	**69.9**
2	10/24/2002	10:40	15	**64.0**	11	**2.8**	**66.8**	**67.0**

NYSTA Thruway-wide Prioritization Study
Interval Database File: 20int.dbf

BA Job No. 5260.03

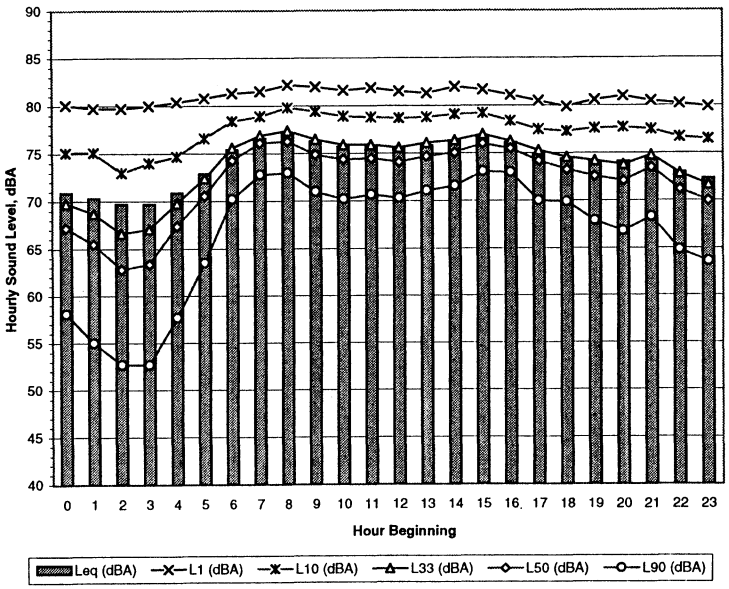
Assessment Area:	N/exit N8/NB/2	
Ldn:	79.2	dBA
Loudest Hour Leq:	77.1	dBA
Ldn - Loudest Hour:	2.1	dB

24-Hour Measurement

Site N-LT10, 546 Perry St

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
0	10/23/2002	00:00:00	3600.00	70.9	80.1	75.1	69.8	67.2	58.1	50.0
1	10/23/2002	01:00:00	3600.00	70.3	79.7	75.1	68.7	65.5	55.0	46.1
2	10/23/2002	02:00:00	3600.00	69.7	79.7	73.0	66.6	62.8	52.7	43.4
3	10/23/2002	03:00:00	3600.00	69.7	80.0	74.0	67.1	63.4	52.7	46.3
4	10/23/2002	04:00:00	3600.00	70.9	80.4	74.7	69.8	67.4	57.7	49.8
5	10/23/2002	05:00:00	3600.00	72.9	80.8	76.6	72.4	70.6	63.5	55.9
6	10/23/2002	06:00:00	3600.00	75.4	81.3	78.4	75.6	74.3	70.2	63.7
7	10/23/2002	07:00:00	3600.00	76.6	81.5	78.9	76.9	76.1	72.8	69.3
8	10/23/2002	08:00:00	3600.00	77.1	82.2	79.8	77.4	76.3	73.0	70.1
9	10/23/2002	09:00:00	3600.00	76.3	82.0	79.4	76.5	74.9	71.0	67.5
10	10/23/2002	10:00:00	3600.00	75.7	81.6	78.9	75.9	74.4	70.2	66.4
11	10/23/2002	11:00:00	3600.00	75.7	81.9	78.8	75.9	74.5	70.7	66.5
12	10/23/2002	12:00:00	3600.00	75.5	81.5	78.7	75.6	74.1	70.3	67.0
13	10/22/2002	13:00:00	3600.00	75.8	81.3	78.8	76.1	74.7	71.1	67.9
14	10/22/2002	14:00:00	3600.00	76.3	82.0	79.1	76.4	75.1	71.6	69.1
15	10/22/2002	15:00:00	3600.00	76.7	81.7	79.2	77.0	76.0	73.1	70.3
16	10/22/2002	16:00:00	3600.00	76.1	81.1	78.4	76.3	75.5	73.0	71.1
17	10/22/2002	17:00:00	3600.00	74.9	80.5	77.5	75.3	74.2	70.0	67.1
18	10/22/2002	18:00:00	3600.00	74.4	79.9	77.3	74.6	73.3	69.9	66.3
19	10/22/2002	19:00:00	3600.00	74.1	80.6	77.6	74.2	72.6	67.9	63.4
20	10/22/2002	20:00:00	3600.00	74.1	81.0	77.7	73.8	72.1	66.8	62.7
21	10/22/2002	21:00:00	3600.00	74.4	80.5	77.5	74.8	73.5	68.3	62.4
22	10/22/2002	22:00:00	3600.00	73.0	80.2	76.7	72.9	71.2	64.8	58.9
23	10/22/2002	23:00:00	3600.00	72.3	79.9	76.5	71.7	70.0	63.6	58.9

Exit N8/NB/2, Site N-LT10



Short-term Measurements

Site AC-M1, just S of 255 Seventh Ave

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/22/2002	15:00	15	69.4	15	0.4	69.8	71.9
2	10/22/2002	17:05	20	72.7	17	2.2	74.9	77.0

Site AC-M3, just N of 22

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/22/2002	15:30	15	75.9	16	1.0	76.9	79.0
2	10/22/2002	17:35	15	73.5	18	2.7	76.2	78.3

APPENDIX I NOISE COMPUTATIONS AND NOISE BARRIER DESIGN: ANALYSIS-PLAN DETAILS

This appendix contains partial details about the study's noise computations and noise barrier design (Section 5, above). In particular, it contains detailed computation and barrier-design procedures, which appear in the following project memorandum:

- Analysis Plan for NYSTA System-wide Noise Barrier Prioritization Study—HMMH memo of November 27, 2002

This memorandum is reproduced on the following pages.

HARRIS MILLER MILLER & HANSON INC.
15 New England Executive Park
Burlington, MA 01803
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Fax (781) 229-7939

MEMORANDUM

To: Ken Avery
Bergmann Associates
200 First Federal Plaza
28 East Main Street
Rochester, New York 14614

From: Douglas Barrett

Date: November 27, 2002 (Revised December 30, 2002)

Subject: Analysis Plan for NYSTA System-wide Noise Barrier Prioritization Study

Reference: HMMH Job No. 298550.003

1. INTRODUCTION

This memorandum provides the overall plan for post-measurement traffic noise analysis to be conducted on behalf of the New York State Thruway Authority (NYSTA) by Bergmann Associates (BA), in association with their sub-contractors Fisher Associates (FA) and Harris Miller Miller & Hanson Inc. (HMMH). The traffic noise analysis is being conducted as part of a Thruway-wide noise barrier prioritization study. A previous memorandum described procedures for conducting 24-hour and short-term noise measurements related to the study[1]. This memorandum describes procedures for evaluating the measurement data, conducting traffic noise modeling, and performing the noise barrier prioritization.

The remainder of this memorandum describes the next steps in the evaluation and provides the following information:

- **Section 2** provides guidance for evaluating the data from both the 24-hour and the short-term noise measurements.
- **Section 3** describes and provides guidance for the traffic noise modeling including both modeling validation and loudest-hour computations.
- **Section 4** describes the noise barrier prioritization process.
- **Appendix A** provides a sample page of the measurement data spreadsheet.

2. MEASUREMENT EVALUATION GUIDELINES

The noise measurement program included both long-term and short-term measurements. This section of the memorandum describes the purpose of each type of measurement and the recommended approach for summarizing and evaluating each type of measurement data.

2.1 Long-Term Measurements

One long-term (24-hour) measurement was conducted in each assessment area.

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[1] "Measurement Plan for NYSTA System-wide Noise Barrier Prioritization Study (Draft)," Submitted to: Ken Avery, Bergmann Associates, Submitted by: Douglas Barrett, Harris Miller Miller & Hanson Inc., October 3, 2002.

2.1.1 Purpose

The purpose of the long-term measurements was as follows:

- Identify the loudest-hour of the day at a representative location within each assessment area where the noise level is dominated by Thruway traffic. The loudest hour will be used for traffic noise impact modeling and noise barrier design for the entire assessment area.
- Provide a basis for adjusting computed hourly noise levels to the 24-hour Day-Night Sound Level (L_{dn}) metric required for the priority evaluation.

2.1.2 Data Evaluation

Appendix A provides a sample page of the measurement data spreadsheet. A separate page (worksheet) should be prepared in the measurement data spreadsheet for each assessment area. Each page will include both the 24-hour and the short-term measurement data for each assessment area.

- The interval data should be imported from the "Interval" database file (XXIYYY02.dbf, where "XX" is the site number and "YYY02" is the Julian date) into the data spreadsheet. The orange cell at the top left of the 24-hour measurement table should be selected as the paste point. Note that the range set aside for the 24-hour data in the spreadsheet does not include all of the columns from the database file. The unused columns should be deleted from the data block before it is pasted into the data spreadsheet. The columns L1x through L6x from the data block correspond to L_n's. Also, only 24 hours of data should be pasted into the spreadsheet. All hours should be a full 3600 seconds in duration. Grey cells contain formulas and should not be modified. In cases where more than 24 hours of data exist, make sure that the selected period includes all of the short-term measurements and that it excludes as many of the intervals as possible from before noon on Monday and after noon on Friday.
- Update the Assessment Area identification number in the box at the top of the page and the site number and address in the cell above the first line of the 24-hour data.
- The measured L_{dn} and loudest-hour L_{eq} will update automatically in the box at the top of the page. In addition, the offset between the L_{dn} and loudest-hour L_{eq} also will update.
- Hi-lite the row in the spreadsheet corresponding to the loudest hour for later reference.
- The 24-hour graph to the right of the measurement data also will update automatically. Only the graph title will need to be updated. Examine the graph to see if the measurement data appear to make sense, with the highest L_{eq}s occurring at expected times and quietest hours occurring either late at night or during periods of peak traffic congestion. In general, the L_{33} will usually provide a close match to the L_{eq} if the sound level for the hour was dominated by traffic noise. If the L_{eq} is more than a few decibels higher than the L_{33} for a given hour, other noise sources may have contaminated the data. Loud, short-duration noise events may show up in the other statistical descriptors, such as the L_1 or L_{10}. If this is the case, or if contamination is expected, it may be useful to check the "Exceedance" (XXEYYY02.dbf) database file. If exceedances were recorded, it is possible to go back and subtract them out of the hourly L_{eq}. Note that this may be particularly important if contaminating events occurred at night and had a significant effect on the measured L_{dn}.

2.2 Short-term Measurements

Short-term noise measurements of up to approximately 20-minutes duration were conducted at two to four measurement sites within each assessment area. An attempt was made to perform one measurement at or near peak traffic conditions and one measurement during off-peak conditions.

The short-term measurements were conducted during an ongoing 24-hour measurement in the same assessment area.

2.2.1 Purpose

The purpose of the short-term noise measurements was as follows:

- Document existing sound levels at noise-sensitive locations within each assessment area.
- Obtain measurement data that will be used to "validate" the traffic-noise prediction modeling for each assessment area, thereby increasing confidence in computed noise levels at additional prediction sites.
- Obtain counted traffic data that may be used as input to the Traffic Noise Model (FHWA TNM2.0) to validate the noise modeling for each assessment area.
- Obtain counted traffic data that may be used as input to the Traffic Noise Model, with adjustments, for modeling of loudest-hour conditions and L_{dn} for each assessment area.

2.2.2 Data Evaluation

- Short-term measurement results for each assessment area should be manually input to the spreadsheet on the same page as the corresponding 24-hour measurement. The site number and address, date, start time, interval (duration), and cumulative L_{eq} should be entered into the appropriate columns for each measurement.
- In addition, an entry must be typed into the "Compare to Hour" column for each measurement. Although this generally will correspond to the hour during which the short-term measurement occurred, some judgment is required. For example, if the measurement occurred during the last twenty minutes of an hour, the traffic conditions present during the measurement may have be more similar to the average conditions that occurred during the following hour than to the average conditions during the actual measurement hour. In that case, using the following hour as the "Compare to Hour" would be appropriate.
- The spreadsheet will automatically update the "Ldst. Hr. – Comp. Hr." column. This column provides the difference between the measured L_{eq}s during the loudest hour and the "Compare to Hour," *at the 24-hour site*. Note that the short-term measurement results are not used in this comparison.
- The spreadsheet then adds the computed "Ldst. Hr. – Comp. Hr." adjustment to the measurement result from the short-term site in the "Adj. to Ldst. Hr." column. The adjusted result is an estimate of the loudest-hour sound level at the short-term site. The estimate is valid if the diurnal variation in traffic noise at the short-term site was similar to that measured at the 24-hour site and if sound propagation conditions did not change in different ways throughout the 24-hour period in different parts of the assessment area. The adjusted loudest-hour sound levels computed from each of the two short-term measurements at the same short-term site should be similar, although differences of one or two decibels may be expected.
- Finally, in the "Adj. to L_{dn}" column, the spreadsheet adds the computed offset between the L_{dn} and the loudest-hour L_{eq} measured at the 24-hour site (from the box at the top of the page) to the computed loudest-hour L_{eq} at the short-term site. This provides an estimate of the L_{dn} at each short-term measurement site. As with the computed loudest-hour L_{eq}s, the L_{dn} values computed from each of the two short-term measurements at the same short-term site should be similar, although differences of one or two decibels may be expected. Also as with the loudest-hour L_{eq} adjustments, this estimate of L_{dn} is valid if the diurnal variation in

traffic noise at the short-term site was similar to that measured at the 24-hour site and if sound propagation conditions did not change in different ways throughout the 24-hour period in different parts of the assessment area.

3. TRAFFIC NOISE MODELING

After the noise measurement results are summarized and evaluated, the traffic noise prediction model for each assessment area must be developed using TNM. Although it is anticipated that a separate TNM "model" or "run" will be created for each assessment area, certain geometric features, such as the Thruway alignment, may be shared between TNM runs for assessment areas that are adjacent to or opposite one another. After the TNM runs have been prepared, the noise modeling for each assessment area will be validated by comparing measured and computed values at each of the short-term measurement sites. Following validation of the noise modeling, loudest-hour runs will be completed for additional prediction sites.

3.1 Traffic Noise Modeling Validation

One TNM validation run will be completed for each short-term site using the measurement that was completed closest to loudest-hour conditions (i.e., the higher of the two measurement results at that short-term site). At some measurement sites, the measured sound levels for the two different short-term measurement periods (e.g., 7:00-7:20 AM and 12:00-12:20 PM) were virtually identical, even though the traffic volume was roughly twice as high during the first period, due to much higher truck volumes during the mid-day period. In some of these cases, the mid-day sound level may even be higher than the sound level that was measured closest to the peak traffic hour. For the validation runs, we recommend using the traffic counts that occurred during the louder period, regardless of when it occurred. The louder measurement is more likely to have been dominated by Thruway traffic. In addition, lower sound levels near peak hour may indicate congestion. If anomalous conditions occurred during that measurement period, the other short-term measurement may be used for that site.

Typically, the geometry for the entire assessment area would be coded into TNM, and then a separate run would be created for each measurement site, including only that measurement site as a prediction location and using the traffic counted during the short-term measurement (normalized to hourly volumes) as input to TNM.

Following completion of all validation runs, the measured and computed sound levels should be compared. When evaluating discrepancies between measured and computed sound levels, both site-specific factors (such as a contaminated measurement or modeling assumptions regarding shielding or reflections at a particular site) and systematic factors (such as traffic speeds, pavement conditions, or prevailing winds) should be considered. Based upon the comparison of measured to computed sound levels, the TNM model may be "fine-tuned." Examples of such "fine-tuning" may include reconsideration of terrain lines or ground zones, reconsideration of shielding features such as building rows, large buildings, or retaining walls, consideration of reflections caused by buildings, noise barriers, or retaining walls, assumptions regarding accelerating and decelerating vehicles near toll plazas or intersections, and re-checking modeled roadway geometries. Any refinements made to the noise model should be included uniformly in all validation runs and in the subsequent loudest-hour runs.

It should be noted that the results of a recent FHWA study indicate that on-average TNM may over-predict sound levels by approximately two to three decibels as a result either of over-predictions in

the model's vehicle emissions and/or site-specific biases[2]. Therefore, over-predictions of this magnitude are to be expected and do not necessarily indicate either poor modeling techniques or corrupted measurement data.

3.2 Loudest-hour Traffic Noise Modeling

Once the TNM model has been refined based on the validation results, loudest-hour sound levels will be computed for additional prediction sites. Traffic data for the loudest-hour computations will be obtained from the short-term measurement within each assessment area that occurred closest to loudest-hour conditions (typically one of the short-term measurements used for modeling validation). The short-term measurement that occurred closest to loudest-hour conditions will have the smallest adjustment in the "Ldst. Hr. – Comp. Hr." column of the data spreadsheet, for each assessment area. Note that one of our objectives is to attempt to use a vehicle mix for barrier analysis that is similar to the mix that occurs during the loudest hour. Although the recommended approach will typically provide the intended result, in some cases it may not. For example, simply choosing the measurement period with the smallest adjustment may result in using mid-day traffic with very high truck percentages that are not representative of loudest-hour traffic conditions. Therefore, we need to be aware of this possibility and apply good judgment if it appears that a period with off-peak characteristics (e.g., low overall volumes and high truck percentages) may be selected.

Following the selection of the measurement with the most appropriate traffic for barrier design, TNM will be run using the traffic counted during that measurement period for all prediction sites within the assessment area. To obtain loudest-hour sound levels, the "Ldst. Hr. – Comp. Hr." adjustment for the measurement corresponding to the modeled traffic data will be added to all computed results in a prioritization spreadsheet following the TNM analysis. Using the traffic counted during the short-term measurement that occurred closest to loudest-hour conditions will (1) result in the smallest possible adjustment to computed sound levels and (2) provide the traffic classification mix closest to loudest-hour conditions.

TNM barrier analysis will be conducted using the unadjusted TNM results. This will not affect computed insertion loss or the resulting barrier designs. Resulting with-barrier sound levels will then be exported to a spreadsheet and adjusted to loudest-hour L_{eq} and L_{dn} using the same adjustment factors as above. For each assessment area, the recommended barrier should be the design resulting in the highest possible priority index.

Barrier Perturbations: Noise barrier design will be conducted using only uniform-height barriers with two-foot perturbations ranging from 12 to 24 feet. Barriers lower than 12 feet are not likely to provide significant benefit due to significant amounts of heavy trucks and barriers higher than 24 feet are not likely to be constructed. If, in unusual cases (perhaps if the Thruway is elevated on fill), the highest ranking barrier design for an assessment area occurs with the 12-foot barrier, it would be appropriate to run TNM again with 8-foot and 10-foot barriers.

Single Reflections: In general, it is not necessary to include detailed evaluations of reflections at this level of analysis, but in some cases, it may be necessary to account for reflections so that noise reduction is not overestimated. For example, in cases where the Thruway is above grade with a concrete retaining wall adjacent to a busy frontage road (this occurs in Yonkers), it may be necessary to model sound reflected off of the retaining wall. Similarly, if a barrier will be evaluated between the mainline and a busy at-grade frontage road (this will occur in the Bronx), it may be necessary to

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[2] Rochat, Judith L. and Gregg G. Fleming, *Validation of FHWA's Traffic Noise Model (TNM): Phase 1*, FHWA Report No. FHWA-EP-02-031, August 2002, p. 39.

model sound reflected off of the community side of the barrier. In either case, this can be done using either image roadways or by making an appropriate adjustment to the frontage road traffic.

Multiple Reflections: In cases where multiple reflections may occur between barriers on either side of the Thruway, the potential for reduced barrier performance should be pointed out and a statement included in the report saying that it should be evaluated during final design. This is especially important in a prioritization study since barriers on opposite side of the Thruway may receive different priority rankings and be built at different times. For analysis purposes, it would be consistent with our general approach to assume that absorption will be included if it is necessary. Since the reflections would be mitigated, there is no need to perform a parallel-barrier evaluation at this stage. In addition, the cost of absorptive materials should not enter into the prioritization calculation since it is similar to some of the other site-specific costs that have been discussed (such as Jersey barriers, utility relocation, and MPT). However, in some areas with complex geometries, such as cut sections with retaining walls, it may be necessary to use TNM's parallel-barrier module in both the no-barrier and the with-barrier cases.

4. NOISE BARRIER PRIORITIZATION

The system-wide noise barrier prioritization will be performed using methodology similar to that used in previous NYSTA noise barrier prioritization studies[3]. HMMH will provide a spreadsheet that computes the prioritization index for each noise barrier design. The barrier design for each assessment area that results in the highest index and meets other applicable NYSTA noise barrier design criteria will be used to establish the system-wide prioritization rankings among all of the assessment areas.

To compute the prioritization index for each assessment area, the prioritization spreadsheet will require the following information:

- Receiver designation for each prediction site.
- Number of dwelling units represented by each prediction site.
- Computed no-barrier L_{eq} for each prediction site.
- Computed with-barrier L_{eq} for each prediction site, for each noise barrier design evaluated in TNM.
- Estimated cost of each noise barrier design evaluated in TNM.
- Adjustment from computed L_{eq} to loudest-hour L_{eq}. The magnitude of this adjustment will have been computed by the measurement data spreadsheet described in Section 2.1.2 and shown in Appendix A. Note that the adjustment typically will be the same for all prediction sites within each assessment area.
- Estimated background sound level within each assessment area. The estimated background sound level will be added to the loudest-hour L_{eq} computed for each prediction site to account for local streets not included in the TNM model and other neighborhood noise sources. In most cases, the same background sound level will be used for all prediction sites within each assessment area. Typical background sound levels (during the loudest-hour of

[3] *New York State Thruway Authority Noise Mitigation Prioritization Study, I-87, Westchester, Rockland and Orange Counties, Final Technical Report*, Submitted to Edwards and Kelcey Engineers, Submitted by: Acentech Incorporated, July 2000, pp. 12-14, and Appendix E.

the day) would be approximately 55 dBA in urban areas and approximately 50 dBA in suburban areas.

- Adjustment from loudest-hour L_{eq} to L_{dn}. The magnitude of this adjustment will have been computed by the measurement data spreadsheet described in Section 2.1.2 and shown in Appendix A. Note that the adjustment typically will be the same for all prediction sites within each assessment area. This adjustment will be made to the loudest-hour L_{eq} after the background sound level has been added.

APPENDIX A. SAMPLE PAGE OF MEASUREMENT DATA SPREADSHEET

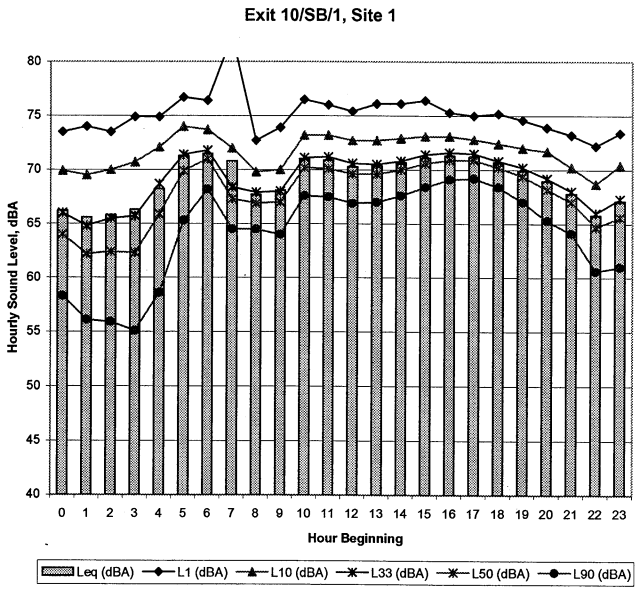
NYSTA Thruway-wide Prioritization Study
Binary file: 10B29802.B00
Converted 11/13/02 by D. Barrett
HMMH Job No. 298550.003

Assessment Area:	ML EXIT 10/SB/1	
Ldn:	74.9	dBA
Loudest Hour Leq:	71.5	dBA
Ldn - Loudest Hour:	3.4	dB

24-Hour Measurement

Site 1, 10 Ferris Lane

	Date	Time	Interval (s)	Leq (dBA)	L1 (dBA)	L10 (dBA)	L33 (dBA)	L50 (dBA)	L90 (dBA)	L99 (dBA)
0	10/24/2002	00:00:00	3600.00	66.2	73.5	69.9	66.0	64.0	58.3	53.7
1	10/24/2002	01:00:00	3600.00	65.6	74.0	69.5	64.8	62.2	56.1	53.4
2	10/24/2002	02:00:00	3600.00	65.8	73.5	70.0	65.5	62.4	55.9	53.7
3	10/24/2002	03:00:00	3600.00	66.3	74.9	70.7	65.7	62.3	55.1	53.1
4	10/24/2002	04:00:00	3600.00	68.2	74.9	72.1	68.7	65.9	58.6	55.0
5	10/24/2002	05:00:00	3600.00	71.3	76.7	74.0	71.4	69.9	65.3	59.4
6	10/24/2002	06:00:00	3600.00	71.5	76.4	73.7	71.8	71.0	68.2	64.1
7	10/24/2002	07:00:00	3600.00	70.8	82.4	72.0	68.4	67.3	64.5	62.1
8	10/24/2002	08:00:00	3600.00	67.7	72.7	69.8	67.9	66.9	64.5	62.4
9	10/24/2002	09:00:00	3600.00	68.1	73.9	70.0	68.0	67.0	64.0	60.6
10	10/24/2002	10:00:00	3600.00	71.0	76.5	73.2	71.1	70.2	67.6	65.4
11	10/24/2002	11:00:00	3600.00	70.9	76.0	73.2	71.2	70.1	67.5	65.1
12	10/24/2002	12:00:00	3600.00	70.3	75.4	72.7	70.6	69.6	66.9	64.8
13	10/24/2002	13:00:00	3600.00	70.4	76.1	72.7	70.5	69.6	67.0	64.9
14	10/24/2002	14:00:00	3600.00	70.7	76.1	72.9	70.8	70.0	67.6	65.7
15	10/24/2002	15:00:00	3600.00	71.1	76.4	73.1	71.4	70.6	68.4	66.5
16	10/24/2002	16:00:00	3600.00	71.3	75.3	73.1	71.6	70.9	69.1	67.3
17	10/24/2002	17:00:00	3600.00	71.2	75.0	72.8	71.5	70.9	69.2	67.6
18	10/24/2002	18:00:00	3600.00	70.7	75.2	72.4	70.8	70.2	68.4	66.9
19	10/24/2002	19:00:00	3600.00	69.9	74.6	72.0	70.2	69.4	67.0	65.0
20	10/24/2002	20:00:00	3600.00	69.0	73.9	71.7	69.2	68.2	65.3	62.6
21	10/24/2002	21:00:00	3600.00	67.8	73.2	70.2	68.0	67.0	64.1	60.5
22	10/24/2002	22:00:00	3600.00	65.8	72.2	68.7	66.0	64.7	60.6	56.4
23	10/24/2002	23:00:00	3600.00	67.1	73.4	70.4	67.3	65.6	61.0	57.3



Short-term Measurements

Site 2, Shadyside

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/24/2002	10:42	15	**63.3**	11	0.6	63.9	67.3
2	10/24/2002	15:55	15	**64.8**	16	0.2	65.0	68.4

Site 3, Elizabeth Place, Park

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/24/2002	11:37	20	**77.4**	11	0.6	78.0	81.4
2	10/24/2002	15:29	15	**76.3**	16	0.2	76.5	79.9

Site 4, River Road

Meas. No.	Date	Start Time	Interval (min.)	Meas. Leq (dBA)	Compare to Hour	Ldst. Hr. - Comp. Hr.	Adj. to Ldst. Hr.	Adj. to Ldn
1	10/24/2002	18:51	20	**65.6**	18	0.8	66.4	69.8
2	10/24/2002	19:24	15	**64.7**	19	1.6	66.3	69.7

APPENDIX J NOISE BARRIER PRIORITIZATION METHOD: DETAILS

This appendix contains details about the study's noise barrier prioritization method (Section 6, above).

Barrier priorities for all candidate noise barriers were computed by the method detailed in this section. In brief, the method involves (1) computation of a Priority Index for each barrier, based upon four Priority Factors, then (2) grouping of all barriers into Tier-1 and Tier-2 barriers, depending upon construction dates of the land uses they benefit.

First for Tier-1 barriers, then for Tier-2 barriers, these Priority Indexes will later determine the order of design and construction for each candidate noise barrier.

J.1 Priority index

A Priority Index was computed for each candidate noise barrier, using the following equation:

$$Priority\ Index = \frac{(Number\ People)(Impact\ Factor)(Benefit\ Factor)}{(Cost)}. \quad (6)$$

This equation incorporates four Priority Factors (to the right of its equal sign). These Priority Factors were computed by the methods in the following sections.

J.1.1 Number People

More people affected means higher barrier priority, all else being equal. To determine *Number People*, all people behind the full length of the barrier were counted—and some beyond the barrier ends, as well. Every counted residence, place of worship, playground and park was assigned three people.

All these people were counted independent of their existing noise level and their computed benefit from the barrier. These two effects enter the Priority Equation through the *Impact Factor* and *Benefit Factor*, discussed below. As mentioned again in the discussions below, the explicit form of these two factors eliminates the need to be precise about choosing people to count. If they are counted but have very little impact, their inclusion will not significantly effect the Priority Index. The same is true if they are counted but receive very little benefit from the barrier.

Every person included in this factor must also be carried along in the computation of the remaining factors—that is, included in all the "averaging" computations involved in those remaining factors. This is essential to the internal consistency of this priority method.

J.1.2 Impact Factor

Higher noise level means higher barrier priority, all else being equal. To determine *Impact Factor*, first each person's Chance of High Annoyance Before Barrier—$(CHAnnoy)_{BeforeBarrier}$—was obtained from Figure 10, using that person's computed *before-barrier* noise. This figure results from a large number of attitudinal surveys concerning annoyance from road noise (Meidema and Vos, 1978. "Exposure-response relationship for transportation noise." Journal of the Acoustical Society of America, volume 104(6), pp. 3432-3445). In brief, the figure translates a person's 24-hour noise level into the chances that person will be "highly annoyed" by the noise, based upon these surveys.

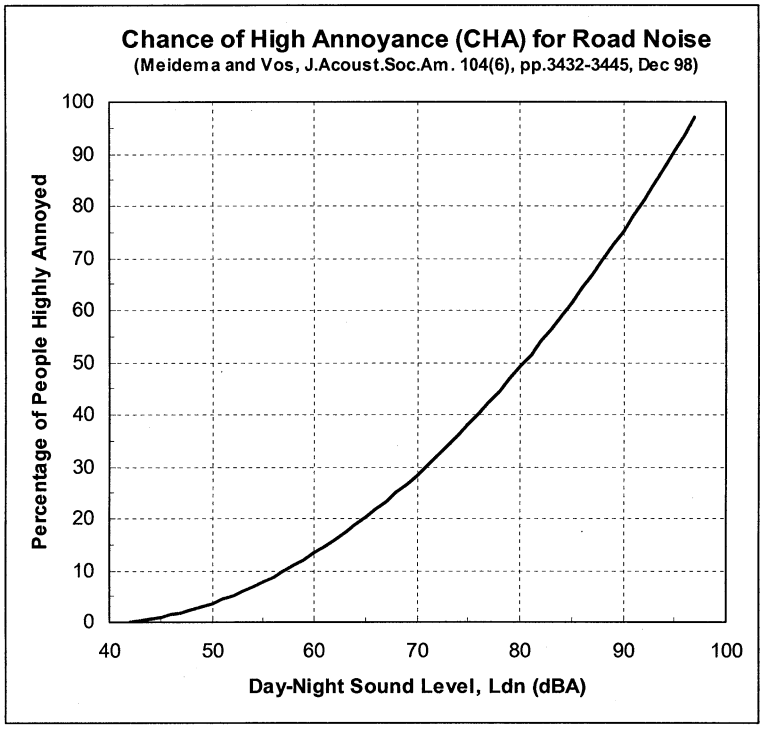


Figure 10 Community Annoyance Due to Noise

Next, the average of all these before-barrier values was computed, using the following equation:

$$\text{Average } (CHAnnoy)_{BeforeBarrier} = \frac{\text{Sum of all } (CHAnnoy)_{BeforeBarrier}}{NumberPeople}. \quad (7)$$

Figure 10 was first used for each person (or group of people at the same before-barrier noise level) and then the table's results were averaged. It is not proper to average noise levels and then to use the table just once.

Next, the *Impact Factor* was computed from the following equation:

$$Impact\ Factor = \text{Average}\ \left(CHAnnoy\right)_{\text{BeforeBarrier}}. \quad (8)$$

J.1.2.1 Scientific justification for this form of the Impact Factor

Figure 10 provides a scientifically justified way to balance two aspects of traffic-noise impact: the number of people affected and their average noise level. Such a balance is needed to answer questions such as the following:

> *Which impact is worse: 100 people exposed to 75 decibels, or 200 people exposed to 70 decibels? In the second situation, more people are exposed but to a lower noise level. How do these two aspects of noise impact balance out: number of people and noise level? Which gets the higher priority?*

The figure shows that people exposed to transportation noise of 75 decibels have a 38 percent chance of being highly annoyed. So approximately 38 people out of 100 will be highly annoyed by 75 decibels. In contrast, people exposed to 70 decibels have only a 28 percent chance of being highly annoyed. So approximately 56 people out of 200 will be highly annoyed by 70 decibels. As a result, 200 people exposed to 70 decibels is worse, because it results in more people highly annoyed (56 compared to 38).

When two different aspects of traffic noise enter any Priority Index equation, the equation automatically provides the balance between the two according to its mathematical form. This Priority Index equation multiplies *Number People* and *Impact Factor*, to obtain 100 times the total number of people highly annoyed, before the barrier is constructed.

With this definition of *Impact Factor*, the following combinations are equivalent impacts. Their product of *Number People* and *Impact Factor* is approximately the same and therefore they contribute approximately the same value to the Priority Index.

- 100 people at 75 decibels
- 135 people at 70 decibels
- 190 people at 65 decibels
- 290 people at 60 decibels.

All these combinations result in approximately 38 people highly annoyed, per Figure 10 above. Note that FHWA sets its residential Noise Abatement Criterion at a worst-hour L_{eq} of 67 dBA, which corresponds to an L_{dn} of ???-to??? dBA for various assessment areas in this study. Nevertheless, impact still occurs for noise levels less than L_{eq} of 67 dBA.

J.1.2.2 Additional side benefit

An additional side benefit of this form for *Impact Factor* is the following. Even if people very far from the highway are included in *Number People*, once *Number People* is multiplied by *Impact Factor*, these very-distant people do not contribute significantly to the Priority Index. They are too far distant to be highly annoyed. As a result, the Priority Index does not depend much upon any

particular distance "cut off" for receivers during noise-level computations. Whether very-distant ones are included or excluded will not significantly affect the computed Priority Index.

J.1.3 Benefit Factor

Higher noise reduction means higher barrier priority, all else being equal. First, each person's Chance of High Annoyance After Barrier—$(CHAnnoy)_{AfterBarrier}$—was computed from the following equation:

$$\begin{aligned}(CHAnnoy)_{AfterBarrier} &= (CHAnnoy)_{BeforeBarrier} \text{ if noise reduction is less than 4.5 dB,} \\ &= \text{"graph value" if noise reduction is 4.5 dB or more.}\end{aligned} \tag{9}$$

In this equation, the required "graph values" were obtained from Figure 10, above, using that person's computed *after-barrier* noise level. Note that Eq. (9) has the effect of assigning zero benefit for persons receiving less than 4.5 dB of noise reduction. This will cause these persons to have no influence on the Priority Index.

Next, the average of all these after-barrier values was computed, using the following equation:

$$\text{Average } (CHAnnoy)_{AfterBarrier} = \frac{\text{Sum of all } (CHAnnoy)_{AfterBarrier}}{NumberPeople}. \tag{10}$$

Figure 10 was used for each person (or group of people at the same after-barrier noise level) and then the table's results were averaged. It is not proper to average noise levels and then to use the table just once.

Finally, the *Benefit Factor* was computed from the following equation:

$$Benefit\ Factor = 1 - \frac{\text{Average } (CHAnnoy)_{AfterBarrier}}{\text{Average } (CHAnnoy)_{BeforeBarrier}}. \tag{11}$$

J.1.3.1 Scientific justification for this form of the Benefit Factor

In the discussion of Section J.1.2, above, the *Impact Factor* was justified because it provided a meaningful, scientifically based balance between two aspects of noise barrier priority: the number of people affected and their average noise level. In the same way, the particular form of *Benefit Factor* provides a meaningful, scientifically based balance between noise level and the barrier's noise reduction. Such a balance is needed to answer questions such as the following:

> *Which is better: 5 decibels of noise reduction starting at an Ldn of 75, or 10 decibels of noise reduction starting at an Ldn of 70? In the second situation, the noise reduction is more but the people are initially exposed to less noise. How do these*

two aspects balance out: noise reduction and initial (before-barrier) noise level? Which gets the higher priority?

This particular form of *Benefit Factor* strikes this balance by ensuring that equal values of Priority Index means equal numbers of people "removed from the list of highly annoyed." In other words, the product of *Number People*, *Impact Factor*, and *Benefit Factor* yields the reduction in the number of people highly annoyed. Mathematically, the *Impact Factor* and the *Benefit Factor* combine as follows:

$$\begin{aligned}&(Impact\ Factor)(Benefit\ Factor)\\ &\quad=\left(\text{Average}(CHAnnoy)_{\text{BeforeBarrier}}\right)\left(1-\frac{\text{Average}(CHAnnoy)_{\text{AfterBarrier}}}{\text{Average}(CHAnnoy)_{\text{BeforeBarrier}}}\right)\\ &\quad=\text{Average}(CHAnnoy)_{\text{BeforeBarrier}}-\text{Average}(CHAnnoy)_{\text{AfterBarrier}}.\end{aligned}$$

Once this product is multiplied by *Number People*, it results in 100 times the "number reduction" of people highly annoyed. In this manner, the barrier's noise reduction is converted to a "number reduction" in highly annoyed people.

Figure 10, above, says that people exposed to transportation noise of 75 decibels have a 38 percent chance of being highly annoyed, before the barrier is built. So approximately 38 people out of every 100 in *Number People* will be highly annoyed by 75 decibels. After the 5-decibel-reduction barrier is built, only 28 people out of 100 will be highly annoyed by the remaining 70 decibels. The reduction in "number highly annoyed" will therefore be 38 minus 28, which equals 10 people out of every 100.

In contrast, people initially exposed to transportation noise of 70 decibels have a 28 percent chance of being highly annoyed, before the barrier is built. So approximately 28 people out of 100 will be highly annoyed by 70 decibels. After the 10-decibel-reduction barrier is built, only 13 people out of 100 will be highly annoyed by the remaining 60 decibels. The reduction in "number highly annoyed" will therefore be 28 minus 13, which equals 15 people out of every 100.

As a result, 5 decibels of noise reduction starting at 75 is not as good as 10 decibels of noise reduction starting at 70, because it results in less reduction in the number of people highly annoyed (10 compared to 15 out of every 100 in *Number People*).

With this definition of *Benefit Factor*, the following combinations are equivalent. Their product of *Number People*, *Impact Factor* and *Benefit Factor* is the same and therefore they contribute approximately the same value to the Priority Index:

- 5 decibels of noise reduction starting at 75 Ldn.
- 6.5 decibels of noise reduction starting at 70 Ldn.
- 7.5 decibels of noise reduction starting at 65 Ldn.

All these combinations result in a "number reduction" of people highly annoyed equal to 10 percent of the *Number People* affected.

Note that this program's *Benefit Factor* equals zero for people whose noise reduction is less than 4.5 decibels. This benefit "cutoff" is consistent with FHWA policy in 23 CFR 772. To guarantee that such people do not affect the Priority Index, if they are included in *Number People*, they should also be included in the computation of *Impact Factor* and *Benefit Factor.* Consistency is maintained only by including them consistently in all factors, or leaving them out consistently in all factors.

J.1.3.2 Additional side benefit

An additional side benefit of this form for *Benefit Factor* is the following. Even if people beyond the ends of the barrier or on upper floors are included in *Number People*, once *Number People* is multiplied by both *Impact Factor* and *Benefit Factor* these people do not contribute significantly to the Priority Index. They receive very little noise reduction and therefore their "numbers highly annoyed" are not reduced by the barrier significantly. In other words, whether these people up and down the highway (or on upper floors) are included or excluded from *Number People* will not significantly affect the computed Priority Index.

J.1.4 Cost

Lower barrier cost means higher barrier priority, all else being equal. Total barrier cost was computed from the following:

- Concrete noise barrier on grade: $30 per square foot, plus $185 per lineal foot
- Structure-mounted noise barrier: $40 per square foot, plus $185 per lineal foot.

The *Cost Factor* enters in the denominator of the Priority Equation, so that equal Priority Indexes result when the same benefit is provided per dollar spent on construction of the barrier.

J.2 Prioritization Tiers

The Thruway Authority has established a three-tiered approach to noise barrier priorities:

- Tier 1—Residential Construction Prior to 1976. The Authority will give first priority to studying all noise-impacted areas where residential structures were constructed prior to 1976.
- Tier 2—Residential Construction Between 1976 and 1998: Subsequent to completing studies eligible under Tier1, the Authority will evaluate noise in areas where residential structures were constructed between 1976 and 1998.
- Tier 3—Residential Construction After 1998. Areas where residential structures are constructed after 1998 will not be eligible for noise studies. None of these have been included in this current study.

As a result of this three-tiered approach, candidate noise barriers were separated into the two eligible tiers: Tier 1 and Tier 2. Then they were sorted by Priority Index, high to low, separately within each tier. The two resulting priority lists appear above in the Executive Summary and in Section 7, as well.

APPENDIX K RESULTING NOISE BARRIERS AND THEIR PRIORITIES: DETAILS

This appendix contains details about the resulting noise barriers and their priorities. For each assessment area, two tables are provided. The first table summarizes information, including the computed Priority Index, for each noise barrier design evaluated. In general, all barriers were of uniform height in two-foot increments ranging from 12 feet to 24 feet. The second table provides additional detail for the barrier design within each assessment area with the highest Priority Index.

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **Exit 1/SB/1 Yonkers**

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
3050	10	30	59	26.0%	22.6%	630	0.2599	0.1322	$1,784,000	12.1	$30,200
3050	12	30	93	27.6%	22.7%	630	0.2757	0.1784	$2,028,000	15.3	$21,800
3050	14	30	93	27.6%	22.5%	630	0.2757	0.1850	$2,272,000	14.1	$24,400
3050	16	30	93	27.6%	22.3%	630	0.2757	0.1899	$2,515,000	13.1	$27,000
3050	18	30	93	27.6%	22.2%	630	0.2757	0.1942	$2,759,000	12.2	$29,700
3050	20	30	96	27.6%	22.0%	630	0.2757	0.2018	$3,003,000	11.7	$31,300
3050	22	30	101	27.6%	21.7%	630	0.2757	0.2116	$3,247,000	11.3	$32,200
3050	24	30	105	27.6%	21.5%	630	0.2757	0.2194	$3,491,000	10.9	$33,200

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: Exit 1/SB/1 Yonkers *Date:* 04/01/03
Analyst: MSN *Company:* HMMH

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
3049	12	35	93	27.6%	22.7%	630	27.6%	0.1784353	$2,027,625	15.29	$21,802

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
A-1	3	69.8	66.1	63.3	63.3	55.0			70.8	68.1	3	0	9	73.9	71.2	2.7	35.84	30.63	322.59	322.59
A-11	2	66.4	62.9	54.2	54.1	55.0			66.9	64.0	2	0	6	70.0	67.1	2.9	28.44	23.48	170.62	170.62
A-2	2	70.7	64.3	59.7	59.7	55.0			71.1	66.0	2	2	6	74.2	69.1	5.1	36.45	26.85	218.69	161.08
A-3	2	72.8	65.2	62.2	62.2	55.0			73.2	67.2	2	2	6	76.3	70.3	6.0	40.82	28.98	244.92	173.86
A-M1	3	65.9	62.0	50.3	50.2	55.0			66.3	63.0	3	0	9	69.4	66.1	3.3	27.37	21.87	246.35	246.35
A-13	2	69.5	64.1	54.3	54.2	55.0			69.8	65.0	2	2	6	72.9	68.1	4.8	33.86	25.13	203.19	150.80
A-4	2	72.8	65.4	57.3	57.2	55.0			73.0	66.3	2	2	6	76.1	69.4	6.7	40.39	27.37	242.36	164.23
A-5	1	75.0	66.4	60.1	60.1	55.0			75.2	67.6	1	1	3	78.3	70.7	7.6	45.21	29.70	135.64	89.11
A-8	1	68.9	64.6	56.6	56.5	55.0			69.3	65.6	1	0	3	72.4	68.7	3.7	32.90	26.16	98.69	98.69
A-7	3	62.1	58.0	50.2	50.2	55.0			63.1	60.2	0	0	9	66.2	63.3	2.9	22.03	17.68	198.27	198.27
A-6	4	62.0	57.2	49.6	49.6	55.0			63.0	59.7	0	0	12	66.1	62.8	3.3	21.87	16.98	262.47	262.47
A-14	3	61.2	57.3	47.6	47.6	55.0			62.3	59.6	0	0	9	65.4	62.7	2.7	20.78	16.84	187.05	187.05
A-24	3	60.2	58.2	44.9	44.9	55.0			61.4	60.0	0	0	9	64.5	63.1	1.4	19.42	17.40	174.81	174.81
A-23	3	59.3	57.4	44.1	44.1	55.0			60.8	59.5	0	0	9	63.9	62.6	1.3	18.54	16.70	166.87	166.87
A-25	4	55.3	51.4	41.8	41.8	55.0			58.3	56.7	0	0	12	61.4	59.8	1.6	15.08	13.05	180.97	180.97
A-26	3	56.0	53.5	43.0	43.0	55.0			58.7	57.5	0	0	9	61.8	60.6	1.2	15.61	14.05	140.50	140.50
A-27	3	55.9	53.4	43.5	43.5	55.0			58.6	57.5	0	0	9	61.7	60.6	1.1	15.48	14.05	139.30	139.30
A-28	3	58.6	57.0	45.1	45.1	55.0			60.3	59.3	0	0	9	63.4	62.4	1.0	17.82	16.42	160.39	160.39
A-38	4	52.8	51.2	40.4	40.4	55.0			57.1	56.6	0	0	12	60.2	59.7	0.5	13.54	12.93	162.52	162.52
A-37	4	51.4	49.9	39.1	39.1	55.0			56.7	56.3	0	0	12	59.8	59.4	0.4	13.05	12.56	156.58	156.58
A-36	3	50.5	48.4	38.1	38.1	55.0			56.4	55.9	0	0	9	59.5	59.0	0.5	12.68	12.09	114.15	114.15
A-46	4	48.8	47.5	36.5	36.5	55.0			56.0	55.8	0	0	12	59.1	58.9	0.2	12.20	11.97	146.45	146.45
A-47	4	50.5	49.0	36.5	36.5	55.0			56.4	56.0	0	0	12	59.5	59.1	0.4	12.68	12.20	152.20	152.20
A-48	3	50.7	47.1	36.7	36.7	55.0	3.8	2.7	60.2	58.4	0	0	9	63.3	61.5	1.8	17.68	15.21	159.11	159.11
A-60	1	47.3	45.5	32.9	32.9	55.0	3.8	2.7	59.5	58.2	0	0	3	62.6	61.3	1.3	16.70	14.95	50.10	50.10
A-59	8	48.7	44.4	34.4	34.4	55.0	3.8	2.7	59.7	58.1	0	0	24	62.8	61.2	1.6	16.98	14.82	407.43	407.43
A-M2	1	75.3	67.7	59.8	59.8	55.0	0.7	2.7	76.2	71.2	1	1	3	79.3	74.3	5.0	47.49	36.65	142.47	109.95
A-49 Indo	1	49.3	47.8	34.6	34.6	55.0	3.8	2.7	59.9	58.5	0	0	3	63.0	61.6	1.4	17.26	15.35	51.77	51.77
A-15 Indo	1	61.6	59.6	45.7	45.3	55.0	9.6	3.3	72.1	64.3	0	1	3	75.2	67.4	7.8	38.50	23.97	115.50	71.90
A-16	3	61.7	60.1	46.8	46.6	55.0	9.6	3.3	72.3	64.7	0	3	9	75.4	67.8	7.6	38.92	24.63	350.25	221.67
A-17	3	58.7	54.0	48.2	48.2	55.0	9.6	3.3	70.1	61.3	0	3	9	73.2	64.4	8.8	34.45	19.27	310.07	173.47
A-18	4	61.1	58.5	49.7	49.6	55.0	8.2	4.6	70.5	65.1	0	4	12	73.6	68.2	5.4	35.24	25.30	422.93	303.63
A-19	5	61.4	58.4	48.3	48.3	55.0	8.2	4.6	70.7	64.9	0	5	15	73.8	68.0	5.8	35.64	24.97	534.65	374.48
A-34	6	59.9	53.8	44.4	44.4	55.0	7.4	5.3	68.6	63.0	0	6	18	71.7	66.1	5.6	31.56	21.87	568.11	393.70
A-33	4	61.9	59.7	44.6	44.2	55.0	7.4	5.3	70.2	66.4	0	0	12	73.3	69.5	3.8	34.65	27.55	415.79	415.79
A-32	6	60.7	59.5	43.7	43.4	55.0	7.9	4.3	69.7	65.2	0	6	18	72.8	68.3	4.5	33.67	25.47	606.05	458.49
A-31	4	60.3	59.0	43.1	42.7	55.0	7.9	4.3	69.4	64.8	0	4	12	72.5	67.9	4.6	33.09	24.80	397.06	297.57
A-30	5	60.8	59.6	44.2	44.1	55.0	7.9	4.3	69.8	65.3	0	5	15	72.9	68.4	4.5	33.86	25.64	507.96	384.63
A-39	5	57.9	56.1	40.5	40.5	55.0	7.9	4.3	67.6	63.0	0	5	15	70.7	66.1	4.6	29.70	21.87	445.56	328.09
A-40	4	60.4	58.8	42.6	42.5	55.0	7.9	4.3	69.5	64.7	0	4	12	72.6	67.8	4.8	33.28	24.63	399.37	295.56
A-41	5	60.2	59.0	41.9	41.5	55.0	7.9	4.3	69.3	64.8	0	5	15	72.4	67.9	4.5	32.90	24.80	493.43	371.96
A-42	4	55.8	53.6	38.9	38.6	55.0	7.4	5.3	65.9	62.7	0	0	12	69.0	65.8	3.2	26.67	21.40	320.08	320.08
A-43	7	55.6	53.2	37.7	36.9	55.0	7.4	5.3	65.8	62.5	0	0	21	68.9	65.6	3.3	26.50	21.09	556.50	556.50

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: Exit 1/SB/1 Yonkers *Date:* 04/01/03
Analyst: MSN *Company:* HMMH

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
3049	12	35	93	27.6%	22.7%	630	27.6%	0.1784353	$2,027,625	15.29	$21,802

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
A-55	7	52.2	49.9	34.8	33.9	55.0	7.4	5.3	64.3	61.5	0	0	21	67.4	64.6	2.8	23.97	19.57	503.31	503.31
A-54	3	55.3	54.1	38.2	37.5	55.0	7.4	5.3	65.6	62.9	0	0	9	68.7	66.0	2.7	26.16	21.72	235.40	235.40
A-53	5	58.2	56.5	39.8	39.8	55.0	7.4	5.3	67.3	64.2	0	0	15	70.4	67.3	3.1	29.16	23.80	437.37	437.37
A-52	4	56.2	54.1	39.2	39.2	55.0	7.9	4.3	66.6	61.9	0	4	12	69.7	65.0	4.7	27.90	20.17	334.82	242.08
A-51	2	57.0	53.1	39.2	39.2	55.0	7.9	4.3	67.1	61.5	0	2	6	70.2	64.6	5.6	28.80	19.57	172.78	117.43
A-50 Indoo	4	55.7	51.9	38.6	38.6	55.0	7.9	4.3	66.3	61.1	0	4	12	69.4	64.2	5.2	27.37	18.98	328.46	227.76
A-65	3	51.0	48.2	33.2	33.0	55.0			56.5	55.8	0	0	9	59.6	58.9	0.7	12.80	11.97	115.24	115.24
NY-LT1	4	76.4	65.2	66.7	66.7	55.0	3.4	1.4	80.3	70.6	4	4	12	83.4	73.7	9.7	57.41	35.44	688.95	425.32
A-10	2	69.6	62.3	56.6	56.6	55.0	3.4	1.4	73.4	65.3	2	2	6	76.5	68.4	8.1	41.25	25.64	247.50	153.85
A-22	3	69.8	60.2	52.2	52.2	55.0	2.8	2.1	72.8	63.9	3	3	9	75.9	67.0	8.9	39.97	23.31	359.72	209.81
A-21	2	66.2	59.4	50.0	50.0	55.0	2.8	2.1	69.4	63.2	2	2	6	72.5	66.3	6.2	33.09	22.19	198.53	133.13
A-20	3	63.8	59.6	49.6	49.5	55.0	2.8	2.1	67.3	63.3	0	0	9	70.4	66.4	4.0	29.16	22.35	262.42	262.42
A-M3	1	63.0	57.7	46.6	46.5	55.0	2.4	1.3	66.1	61.1	0	1	3	69.2	64.2	5.0	27.02	18.98	81.06	56.94
A-35	5	62.8	57.2	44.3	44.0	55.0	2.4	1.3	65.9	60.7	0	5	15	69.0	63.8	5.2	26.67	18.40	400.10	275.94
A-44	2	52.0	48.5	34.2	34.1	55.0	2.4	1.3	59.2	57.2	0	0	6	62.3	60.3	2.0	16.29	13.67	97.72	97.72
A-56	3	51.5	46.8	33.2	33.3	55.0	2.4	1.3	59.0	56.9	0	0	9	62.1	60.0	2.1	16.02	13.29	144.14	144.14
A-66	2	50.7	47.5	30.6	30.2	55.0			56.4	55.7	0	0	6	59.5	58.8	0.7	12.68	11.85	76.10	76.10
A-12	0	66.6	62.8	54.6	54.5	55.0			67.1	64.0	0	0	0	70.2	67.1	3.1	28.80	23.48	0.00	0.00
A-9 Indoo	5	71.7	67.4	68.6	68.6	55.0	9.6	3.3	83.1	74.5	5	5	15	86.2	77.6	8.6	64.72	43.65	970.86	654.75
A-29	1	59.7	58.1	44.5	44.5	55.0	3.8	2.7	64.9	62.7	0	0	3	68.0	65.8	2.2	24.97	21.40	74.90	74.90
A-44a	3	55.2	51.6	37.0	37.0	55.0	2.4	1.3	60.5	58.0	0	0	9	63.6	61.1	2.5	18.11	14.69	162.97	162.97

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **Exit 1/NB/1 Yonkers**

Length (feet)	Height (feet)	No. of Residences Impacted	Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
1950	10	18	38	30.6%	24.1%	237	0.3055	0.2114	$1,141,000	13.4	$30,000
1950	12	18	35	31.5%	25.3%	237	0.3154	0.1976	$1,297,000	11.4	$37,100
1950	14	18	37	31.5%	24.9%	237	0.3154	0.2111	$1,453,000	10.9	$39,300
1950	16	18	40	31.5%	24.4%	237	0.3154	0.2253	$1,609,000	10.5	$40,200
1950	18	18	40	31.5%	24.3%	237	0.3154	0.2301	$1,765,000	9.7	$44,100
1950	20	18	40	31.5%	24.2%	237	0.3154	0.2330	$1,921,000	9.1	$48,000
1950	22	18	40	31.5%	24.1%	237	0.3154	0.2353	$2,077,000	8.5	$51,900
1950	24	18	40	31.5%	24.1%	237	0.3154	0.2372	$2,233,000	7.9	$55,800

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: Exit 1/NB/1 Yonkers *Date:* 04/01/03
Analyst: MSN *Company:* HMMH

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
1950	10	18	38	30.6%	24.1%	237	30.6%	0.2114098	$1,140,750	13.42	$30,020

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
B-5	3	69.9	63.7	65.4	65.4	55.0	7.8	3.2	78.0	69.4	3	3	9	81.3	72.7	8.6	52.21	33.47	469.93	301.27
B-6	3	71.5	63.8	68.9	68.9	55.0	7.8	3.2	79.7	71.2	3	3	9	83.0	74.5	8.5	56.40	37.06	507.63	333.52
NY-LT2	2	70.6	63.4	65.2	65.2	55.0	7.8	3.2	78.6	69.1	2	2	6	81.9	72.4	9.5	53.67	32.90	322.05	197.37
B-17	4	61.9	58.2	52.0	52.0	55.0	8.9	5.0	71.0	64.1	0	4	12	74.3	67.4	6.9	36.65	23.97	439.81	287.60
B-16	3	63.5	59.5	53.3	53.3	55.0	8.9	5.0	72.5	65.2	0	3	9	75.8	68.5	7.3	39.76	25.81	357.82	232.31
B-24	4	57.8	54.1	47.7	47.7	55.0	8.9	5.0	67.0	60.7	0	4	12	70.3	64.0	6.3	28.98	18.69	347.72	224.24
B-7	3	72.8	65.7	64.5	64.5	55.0	3.5	2.4	76.6	69.8	3	3	9	79.9	73.1	6.8	48.88	34.26	439.96	308.30
B-8	2	72.6	63.4	61.6	61.6	55.0	3.5	2.4	76.3	67.5	2	2	6	79.6	70.8	8.8	48.19	29.89	289.11	179.32
B-M3	2	64.9	58.5	52.2	52.2	55.0	2.6	2.6	67.9	62.5	0	2	6	71.2	65.8	5.4	30.63	21.40	183.76	128.41
B-18	3	63.3	57.9	50.7	50.7	55.0	2.6	2.6	66.4	61.9	0	3	9	69.7	65.2	4.5	27.90	20.48	251.12	184.30
B-25	2	58.2	54.6	47.2	47.2	55.0	2.6	2.6	62.0	59.5	0	0	6	65.3	62.8	2.5	20.63	16.98	123.78	123.78
B-26	1	59.5	55.2	46.9	46.9	55.0	2.6	2.6	63.0	59.9	0	0	3	66.3	63.2	3.1	22.19	17.54	66.57	66.57
B-9	1	67.3	59.8	56.5	56.5	55.0	3.5	2.4	71.1	63.8	1	1	3	74.4	67.1	7.3	36.85	23.48	110.56	70.43
B-10	1	68.8	60.4	54.9	54.9	55.0			69.1	62.4	1	1	3	72.4	65.7	6.7	32.90	21.25	98.69	63.74
B-20	1	66.9	59.7	51.7	51.7	55.0			67.3	61.5	1	1	3	70.6	64.8	5.8	29.52	19.87	88.56	59.61
B-19	2	62.8	57.2	51.2	51.2	55.0	2.6	2.6	65.9	61.5	0	0	6	69.2	64.8	4.4	27.02	19.87	162.13	162.13
B-27	36	61.1	56.4	46.5	46.5	55.0	1.0	1.0	63.0	59.6	0	0	108	66.3	62.9	3.4	22.19	17.12	2396.37	2396.37
B-28	3	64.9	57.7	49.1	49.1	55.0			65.4	59.9	0	3	9	68.7	63.2	5.5	26.16	17.54	235.40	157.84
B-M2	1	66.5	62.2	57.7	57.7	55.0	4.0	2.5	70.8	65.9	1	1	3	74.1	69.2	4.9	36.25	27.02	108.74	81.06
B-M1	1	72.3	62.9	58.4	58.4	55.0			72.6	64.7	1	1	3	75.9	68.0	7.9	39.97	24.97	119.91	74.90
B-24a	1	63.9	59.4	53.7	53.7	55.0	8.9	5.0	72.9	65.2	0	1	3	76.2	68.5	7.7	40.61	25.81	121.82	77.44

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **Exit 2/SB/2 Yonkers**

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
3450	10	30	54	18.9%	16.5%	675	0.1885	0.1228	$2,017,000	7.7	$37,400
3450	12	30	64	18.9%	16.0%	675	0.1885	0.1509	$2,293,000	8.4	$35,800
3450	14	30	67	18.9%	15.8%	675	0.1885	0.1642	$2,569,000	8.1	$38,300
3450	16	30	75	18.9%	15.4%	675	0.1885	0.1829	$2,844,000	8.2	$37,900
3450	18	30	76	18.9%	15.3%	675	0.1885	0.1907	$3,120,000	7.8	$41,100
3450	20	30	79	18.9%	15.1%	675	0.1885	0.2005	$3,396,000	7.5	$43,000
3450	22	30	79	18.9%	15.0%	675	0.1885	0.2044	$3,672,000	7.1	$46,500
3450	24	30	79	18.9%	14.9%	675	0.1885	0.2073	$3,948,000	6.7	$50,000

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: Exit 2/SB/2 Yonkers
Analyst: MSN

Date: 04/01/03
Company: HMMH

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
3448	12	31	64	18.9%	16.0%	675	18.9%	0.150946	$2,292,760	8.38	$35,824

	COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)								Number of Residences		RECEIVER DATA							
	Thruway		Other Source(s)			Other Adjustments		TOTAL				TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
C-26	4	62.0	54.4	44.1	44.1	55.0			62.8	57.9	0	4	12	65.5	60.6	4.9	20.94	14.05	251.25	168.57
C-28	3	58.0	51.6	40.1	40.1	55.0			59.8	56.7	0	0	9	62.5	59.4	3.1	16.56	12.56	149.05	149.05
C-27	10	57.5	50.4	40.7	40.7	55.0			59.5	56.4	0	0	30	62.2	59.1	3.1	16.15	12.20	484.52	484.52
C-29	7	55.3	49.5	36.7	36.7	55.0			58.2	56.1	0	0	21	60.9	58.8	2.1	14.43	11.85	303.05	303.05
C-42	6	54.7	48.6	37.2	37.2	55.0			57.9	56.0	0	0	18	60.6	58.7	1.9	14.05	11.73	252.85	252.85
C-41	6	51.1	44.7	30.9	30.9	55.0			56.5	55.4	0	0	18	59.2	58.1	1.1	12.32	11.04	221.81	221.81
C-40	8	48.1	44.2	38.3	38.3	55.0			55.9	55.4	0	0	24	58.6	58.1	0.5	11.62	11.04	278.81	278.81
C-43	10	52.6	47.4	36.8	36.8	55.0			57.0	55.8	0	0	30	59.7	58.5	1.2	12.93	11.50	387.78	387.78
C-10	5	67.8	59.1	51.4	51.4	55.0			68.1	61.0	5	5	15	70.8	63.7	7.1	29.89	18.25	448.31	273.77
C-1	1	75.4	64.7	61.3	61.3	55.0			75.6	66.6	1	1	3	78.3	69.3	9.0	45.21	27.20	135.64	81.59
C-2	1	74.7	63.9	60.6	60.6	55.0			74.9	65.9	1	1	3	77.6	68.6	9.0	43.65	25.98	130.95	77.95
NY-LT3	1	75.8	65.3	62.7	62.7	55.0			76.0	67.5	1	1	3	78.7	70.2	8.5	46.12	28.80	138.35	86.39
C-3 Indoo	1	71.8	61.9	58.7	58.7	55.0			72.1	64.2	1	1	3	74.8	66.9	7.9	37.67	23.15	113.02	69.45
C-4	1	61.2	55.7	46.8	46.8	55.0			62.3	58.7	0	0	3	65.0	61.4	3.6	20.17	15.08	60.52	60.52
C-12	2	64.2	56.1	48.8	48.8	55.0			64.8	59.0	0	2	6	67.5	61.7	5.8	24.13	15.48	144.79	92.87
C-11	3	63.1	55.2	45.3	45.3	55.0			63.8	58.3	0	3	9	66.5	61.0	5.5	22.51	14.56	202.56	131.04
C-M3	3	59.0	53.0	41.1	41.1	55.0			60.5	57.2	0	0	9	63.2	59.9	3.3	17.54	13.17	157.84	157.84
C-30	1	61.5	52.6	41.3	41.3	55.0			62.4	57.1	0	1	3	65.1	59.8	5.3	20.32	13.05	60.97	39.15
C-31	3	56.3	50.1	38.4	38.4	55.0			58.7	56.3	0	0	9	61.4	59.0	2.4	15.08	12.09	135.73	135.73
C-32	2	58.1	52.3	41.2	41.2	55.0			59.9	57.0	0	0	6	62.6	59.7	2.9	16.70	12.93	100.19	100.19
C-14	2	63.9	55.6	48.2	48.2	55.0			64.5	58.7	0	2	6	67.2	61.4	5.8	23.64	15.08	141.83	90.49
C-13	4	62.0	55.8	47.0	47.0	55.0			62.9	58.7	0	0	12	65.6	61.4	4.2	21.09	15.08	253.10	253.10
C-33	3	57.7	51.2	41.2	41.2	55.0			59.6	56.6	0	0	9	62.3	59.3	3.0	16.29	12.44	146.58	146.58
C-46	3	54.7	49.3	38.6	38.6	55.0			57.9	56.1	0	0	9	60.6	58.8	1.8	14.05	11.85	126.42	126.42
C-45	1	53.1	48.1	37.4	37.4	55.0			57.2	55.9	0	0	3	59.9	58.6	1.3	13.17	11.62	39.51	39.51
C-44	0	51.9	47.3	37.4	37.4	55.0			56.8	55.7	0	0	0	59.5	58.4	1.1	12.68	11.39	0.00	0.00
C-47	2	54.9	48.4	41.1	41.1	55.0			58.0	56.0	0	0	6	60.7	58.7	2.0	14.17	11.73	85.05	85.05
C-34	4	58.1	51.1	42.1	42.1	55.0			59.9	56.6	0	0	12	62.6	59.3	3.3	16.70	12.44	200.39	200.39
C-35	4	61.4	54.0	44.8	44.8	55.0			62.4	57.8	0	4	12	65.1	60.5	4.6	20.32	13.92	243.90	167.04
C-50	5	58.5	51.2	41.7	41.7	55.0			60.2	56.7	0	0	15	62.9	59.4	3.5	17.12	12.56	256.73	256.73
C-49	1	54.8	47.8	39.7	39.7	55.0			58.0	55.9	0	0	3	60.7	58.6	2.1	14.17	11.62	42.52	42.52
C-51	5	56.8	48.7	42.0	42.0	55.0			59.1	56.1	0	0	15	61.8	58.8	3.0	15.61	11.85	234.17	234.17
C-5	3	68.0	60.3	63.6	63.6	55.0			69.5	65.7	3	0	9	72.2	68.4	3.8	32.51	25.64	292.60	292.60
C-15	1	64.5	56.6	50.5	50.5	55.0			65.1	59.5	0	1	3	67.8	62.2	5.6	24.63	16.15	73.89	48.45
C-16	2	65.2	57.3	50.9	50.9	55.0			65.7	59.9	0	2	6	68.4	62.6	5.8	25.64	16.70	153.85	100.19
C-17	3	67.8	59.1	56.6	56.6	55.0			68.3	62.0	3	3	9	71.0	64.7	6.3	30.26	19.72	272.30	177.49
C-6	1	69.7	61.0	61.6	61.6	55.0			70.5	64.8	1	1	3	73.2	67.5	5.7	34.45	24.13	103.36	72.40
C-36	4	65.4	56.6	46.7	46.7	55.0			65.8	59.1	0	4	12	68.5	61.8	6.7	25.81	15.61	309.75	187.34
C-18	3	66.8	57.8	48.5	48.5	55.0			67.1	60.0	3	3	9	69.8	62.7	7.1	28.08	16.84	252.72	151.53
C-19	2	69.6	59.3	53.2	53.2	55.0			69.8	61.4	2	2	6	72.5	64.1	8.4	33.09	18.83	198.53	113.00
C-20	2	71.4	61.2	57.0	57.0	55.0			71.6	63.3	2	2	6	74.3	66.0	8.3	36.65	21.72	219.91	130.29
C-7	3	71.6	63.1	59.9	59.9	55.0			72.0	65.2	3	3	9	74.7	67.9	6.8	37.47	24.80	337.21	223.18
C-37	4	60.6	53.8	44.5	44.5	55.0			61.7	57.7	0	0	12	64.4	60.4	4.0	19.27	13.79	231.30	231.30

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: Exit 2/SB/2 Yonkers ***Date:*** 04/01/03
Analyst: MSN ***Company:*** HMMH

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
3448	12	31	64	18.9%	16.0%	675	18.9%	0.150946	$2,292,760	8.38	$35,824

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
C-38	3	64.3	55.9	45.0	45.0	55.0			64.8	58.7	0	3	9	67.5	61.4	6.1	24.13	15.08	217.19	135.73
C-39	3	63.6	56.2	47.1	47.1	55.0			64.2	58.9	0	3	9	66.9	61.6	5.3	23.15	15.35	208.35	138.11
C-21	2	65.1	58.0	49.1	49.1	55.0			65.6	60.1	0	2	6	68.3	62.8	5.5	25.47	16.98	152.83	101.86
C-22	2	66.9	59.5	50.7	50.7	55.0			67.3	61.2	2	2	6	70.0	63.9	6.1	28.44	18.54	170.62	111.25
C-8	2	70.1	64.2	57.2	57.2	55.0			70.4	65.4	2	2	6	73.1	68.1	5.0	34.26	25.13	205.53	150.80
C-9	1	70.9	66.3	60.9	60.9	55.0			71.4	67.6	1	0	3	74.1	70.3	3.8	36.25	28.98	108.74	108.74
C-52	3	57.6	50.6	42.2	42.2	55.0			59.6	56.5	0	0	9	62.3	59.2	3.1	16.29	12.32	146.58	146.58
C-53	3	58.8	51.9	42.7	42.7	55.0			60.4	56.9	0	0	9	63.1	59.6	3.5	17.40	12.80	156.57	156.57
C-54	3	63.6	56.4	46.1	46.1	55.0			64.2	59.0	0	3	9	66.9	61.7	5.2	23.15	15.48	208.35	139.30
C-23	3	63.6	58.0	47.6	47.6	55.0			64.3	60.0	0	0	9	67.0	62.7	4.3	23.31	16.84	209.81	209.81
C-24	2	63.6	59.3	51.6	51.6	55.0			64.4	61.2	0	0	6	67.1	63.9	3.2	23.48	18.54	140.85	140.85
C-25	1	64.8	62.4	56.9	56.9	55.0			65.8	64.1	0	0	3	68.5	66.8	1.7	25.81	22.99	77.44	77.44
C-69	1	58.9	55.2	46.2	46.2	55.0			60.5	58.4	0	0	3	63.2	61.1	2.1	17.54	14.69	52.61	52.61
C-70	2	60.9	58.0	48.4	48.4	55.0			62.1	60.1	0	0	6	64.8	62.8	2.0	19.87	16.98	119.23	119.23
C-71	2	60.7	58.3	51.1	51.1	55.0			62.1	60.5	0	0	6	64.8	63.2	1.6	19.87	17.54	119.23	119.23
C-M2	0	66.8	58.7	55.5	55.5	55.0			67.4	61.5	0	0	0	70.1	64.2	5.9	28.62	18.98	0.00	0.00
C-M1	0	70.8	60.7	57.6	57.6	55.0			71.1	63.2	0	0	0	73.8	65.9	7.9	35.64	21.56	0.00	0.00
C-10a	5	56.1	51.3	40.5	40.5	55.0			58.7	56.6	0	0	15	61.4	59.3	2.1	15.08	12.44	226.22	226.22
C-26b	7	51.9	49.8	37.6	37.6	55.0			56.8	56.2	0	0	21	59.5	58.9	0.6	12.68	11.97	266.35	266.35
C-27a	10	51.6	47.5	34.1	34.1	55.0			56.7	55.7	0	0	30	59.4	58.4	1.0	12.56	11.39	376.87	376.87
C-28a	3	46.0	45.4	30.7	30.7	55.0			55.5	55.5	0	0	9	58.2	58.2	0.0	11.16	11.16	100.42	100.42
C-56a	6	41.3	40.9	27.4	27.4	55.0			55.2	55.2	0	0	18	57.9	57.9	0.0	10.82	10.82	194.74	194.74
C-57a	6	47.3	43.1	36.3	36.3	55.0			55.7	55.3	0	0	18	58.4	58.0	0.4	11.39	10.93	204.95	204.95
C-26a	3	64.4	55.8	44.9	44.9	55.0			64.9	58.6	0	3	9	67.6	61.3	6.3	24.30	14.95	218.68	134.55
C-41a	12	53.0	46.8	32.6	32.6	55.0			57.1	55.6	0	0	36	59.8	58.3	1.5	13.05	11.27	469.74	469.74

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **Exit 2/SB/1 Yonkers**

Length (feet)	Height (feet)	No. of Residences Impacted	Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
2880	10	57	106	24.6%	19.0%	633	0.2463	0.2291	$1,686,000	21.2	$15,900
2880	12	57	121	26.6%	19.9%	633	0.2655	0.2500	$1,917,000	21.9	$15,800
2880	14	57	136	26.6%	19.3%	633	0.2655	0.2749	$2,148,000	21.5	$15,800
2880	16	57	136	26.6%	19.1%	633	0.2655	0.2817	$2,378,000	19.9	$17,500
2880	18	57	137	26.6%	18.9%	633	0.2655	0.2896	$2,609,000	18.7	$19,000
2880	20	57	137	26.6%	18.7%	633	0.2655	0.2945	$2,839,000	17.4	$20,700
2880	22	57	141	26.6%	18.5%	633	0.2655	0.3025	$3,070,000	16.6	$21,800
2880	24	57	141	26.6%	18.4%	633	0.2655	0.3062	$3,301,000	15.6	$23,400

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: Exit 2/SB/1 Yonkers *Date:* 04/01/03
Analyst: MSN *Company:* HMMH

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
2882	12	57	121	26.6%	19.9%	633	26.6%	0.2499629	$1,916,890	21.92	$15,842

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
D-9	1	60.4	56.0	47.2	47.1	55.0	10.3	5.2	72.0	64.0	0	1	3	74.5	66.5	8.0	37.06	22.51	111.17	67.52
D-33	6	54.2	50.7	41.3	41.3	55.0	9.9	5.6	67.6	62.1	0	6	18	70.1	64.6	5.5	28.62	19.57	515.09	352.30
D-44	8	51.5	48.3	37.8	37.8	55.0	9.9	5.6	66.6	61.5	0	8	24	69.1	64.0	5.1	26.85	18.69	644.33	448.48
D-1	4	63.0	59.9	52.9	52.9	55.0	10.3	5.2	74.3	66.9	0	4	12	76.8	69.4	7.4	41.90	27.37	502.77	328.46
D-10	1	62.2	61.6	50.3	50.3	55.0	10.3	5.2	73.5	67.9	0	1	3	76.0	70.4	5.6	40.18	29.16	120.54	87.47
D-11	2	54.4	52.5	43.6	43.6	55.0	10.3	5.2	68.2	62.3	0	2	6	70.7	64.8	5.9	29.70	19.87	178.23	119.23
D-23	2	53.2	49.5	40.9	40.9	55.0	9.9	5.6	67.2	61.8	0	2	6	69.7	64.3	5.4	27.90	19.13	167.41	114.76
D-24	3	57.4	57.0	44.4	44.4	55.0	9.9	5.6	69.4	64.9	0	3	9	71.9	67.4	4.5	31.94	23.97	287.46	215.70
D-34	5	52.0	48.3	39.4	39.4	55.0	9.9	5.6	66.7	61.5	0	5	15	69.2	64.0	5.2	27.02	18.69	405.32	280.30
D-35	3	47.2	46.2	38.8	38.8	55.0	5.3	3.3	61.1	58.9	0	0	9	63.6	61.4	2.2	18.11	15.08	162.97	162.97
D-36	3	51.7	48.9	36.6	36.6	55.0	5.3	3.3	62.0	59.3	0	0	9	64.5	61.8	2.7	19.42	15.61	174.81	174.81
D-12	10	55.8	51.8	43.0	43.0	55.0	5.3	3.3	63.9	60.2	0	0	30	66.4	62.7	3.7	22.35	16.84	670.42	670.42
D-2	10	65.9	64.5	54.2	54.2	55.0	6.2	2.3	72.7	67.6	10	10	30	75.2	70.1	5.1	38.50	28.62	1155.00	858.49
D-13	2	60.0	57.2	47.8	47.8	55.0	5.3	3.3	66.7	62.8	0	0	6	69.2	65.3	3.9	27.02	20.63	162.13	162.13
D-25	2	59.0	54.4	43.5	43.5	55.0	5.3	3.3	65.8	61.2	0	2	6	68.3	63.7	4.6	25.47	18.25	152.83	109.51
D-26	1	55.9	52.7	40.8	40.8	55.0	5.3	3.3	63.9	60.4	0	0	3	66.4	62.9	3.5	22.35	17.12	67.04	67.04
D-37	5	53.0	48.0	38.7	38.7	55.0	5.3	3.3	62.5	59.2	0	0	15	65.0	61.7	3.3	20.17	15.48	302.60	302.60
D-38	5	55.6	48.9	40.4	40.4	55.0	1.0	1.0	59.4	57.1	0	0	15	61.9	59.6	2.3	15.75	12.80	236.18	236.18
D-45	2	50.3	47.5	36.7	36.7	55.0	9.9	5.6	66.2	61.4	0	2	6	68.7	63.9	4.8	26.16	18.54	156.93	111.25
D-46	2	50.4	47.2	36.1	36.1	55.0	9.9	5.6	66.2	61.3	0	2	6	68.7	63.8	4.9	26.16	18.40	156.93	110.38
D-47	2	49.7	47.2	36.3	36.3	55.0	9.9	5.6	66.1	61.3	0	2	6	68.6	63.8	4.8	25.98	18.40	155.90	110.38
D-48	10	48.4	46.0	35.9	35.9	55.0	5.3	3.3	61.2	58.9	0	0	30	63.7	61.4	2.3	18.25	15.08	547.55	547.55
D-49	3	50.1	46.5	36.2	36.2	55.0	5.3	3.3	61.6	58.9	0	0	9	64.1	61.4	2.7	18.83	15.08	169.50	169.50
D-50	2	51.2	46.7	37.1	37.1	55.0	5.3	3.3	61.9	59.0	0	0	6	64.4	61.5	2.9	19.27	15.21	115.65	115.65
D-51	1	55.3	48.0	38.3	38.3	55.0	1.0	1.0	59.2	56.9	0	0	3	61.7	59.4	2.3	15.48	12.56	46.43	46.43
D-52	1	57.1	49.2	38.5	38.5	55.0	1.0	1.0	60.2	57.1	0	0	3	62.7	59.6	3.1	16.84	12.80	50.51	50.51
D-56	1	55.2	47.6	37.2	37.2	55.0	1.0	1.0	59.1	56.8	0	0	3	61.6	59.3	2.3	15.35	12.44	46.04	46.04
D-57	2	55.7	47.7	37.7	37.7	55.0			58.4	55.8	0	0	6	60.9	58.3	2.6	14.43	11.27	86.58	86.58
D-3	3	66.9	63.1	57.3	57.3	55.0	5.8	2.2	73.4	66.8	3	3	9	75.9	69.3	6.6	39.97	27.20	359.72	244.77
D-14	2	62.1	59.0	51.8	51.8	55.0	6.2	2.3	69.4	63.3	0	2	6	71.9	65.8	6.1	31.94	21.40	191.64	128.41
D-15	2	63.8	56.4	46.8	46.8	55.0	1.0	1.0	65.4	60.0	0	2	6	67.9	62.5	5.4	24.80	16.56	148.78	99.37
D-16	3	67.7	58.8	51.4	51.4	55.0	1.0	1.0	69.0	61.8	3	3	9	71.5	64.3	7.2	31.19	19.13	280.67	172.14
D-4	0	72.8	62.8	60.2	60.2	55.0	1.0	1.0	74.1	66.1	0	0	0	76.6	68.6	8.0	41.47	25.98	0.00	0.00
D-39	1	59.3	50.8	40.5	40.5	55.0	1.0	1.0	61.7	57.5	0	0	3	64.2	60.0	4.2	18.98	13.29	56.94	56.94
D-28	4	59.9	51.8	42.5	42.5	55.0	1.0	1.0	62.2	57.9	0	0	12	64.7	60.4	4.3	19.72	13.79	236.66	236.66
D-27	2	62.7	53.5	44.2	44.2	55.0	1.0	1.0	64.4	58.5	0	2	6	66.9	61.0	5.9	23.15	14.56	138.90	87.36
D-17	3	72.8	61.6	54.5	54.5	55.0			72.9	63.1	3	3	9	75.4	65.6	9.8	38.92	21.09	350.25	189.83
D-5	12	77.6	65.7	62.7	62.7	55.0			77.8	67.7	12	12	36	80.3	70.2	10.1	49.82	28.80	1793.69	1036.66
D-18	3	68.7	59.5	48.6	48.6	55.0			68.9	61.1	3	3	9	71.4	63.6	7.8	31.00	18.11	278.99	162.97
D-29	3	63.3	54.0	44.7	44.7	55.0			64.0	57.8	0	3	9	66.5	60.3	6.2	22.51	13.67	202.56	123.02
D-40	3	59.7	50.9	44.1	44.1	55.0			61.1	56.7	0	0	9	63.6	59.2	4.4	18.11	12.32	162.97	162.97
D-19	2	71.4	62.0	50.7	50.7	55.0			71.5	63.1	2	2	6	74.0	65.6	8.4	36.04	21.09	216.27	126.55
D-30	4	68.4	58.5	47.1	47.1	55.0			68.6	60.3	4	4	12	71.1	62.8	8.3	30.44	16.98	365.29	203.71

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: Exit 2/SB/1 Yonkers
Analyst: MSN

Date: 04/01/03
Company: HMMH

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
2882	12	57	121	26.6%	19.9%	633	26.6%	0.2499629	$1,916,890	21.92	$15,842

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
D-41	1	62.8	52.8	40.7	40.7	55.0			63.5	57.1	0	1	3	66.0	59.6	6.4	21.72	12.80	65.15	38.41
D-55	2	63.0	53.2	42.6	42.6	55.0			63.7	57.4	0	2	6	66.2	59.9	6.3	22.03	13.17	132.18	79.03
D-59	3	58.2	49.3	39.8	39.8	55.0			59.9	56.1	0	0	9	62.4	58.6	3.8	16.42	11.62	147.81	147.81
D-63	4	56.4	47.5	38.0	38.0	55.0			58.8	55.8	0	0	12	61.3	58.3	3.0	14.95	11.27	179.40	179.40
D--67	2	53.8	46.0	35.6	35.6	55.0			57.5	55.6	0	0	6	60.0	58.1	1.9	13.29	11.04	79.77	79.77
D-62	1	54.1	46.2	37.3	37.3	55.0			57.6	55.6	0	0	3	60.1	58.1	2.0	13.42	11.04	40.26	40.26
D-58	5	59.1	49.9	40.0	40.0	55.0			60.6	56.3	0	0	15	63.1	58.8	4.3	17.40	11.85	260.94	260.94
D-54	2	59.4	50.2	40.2	40.2	55.0			60.8	56.3	0	2	6	63.3	58.8	4.5	17.68	11.85	106.08	71.10
D-53	1	58.5	49.7	40.9	40.9	55.0			60.2	56.3	0	0	3	62.7	58.8	3.9	16.84	11.85	50.51	50.51
D-6	8	73.1	63.2	61.4	61.4	55.0			73.4	65.8	8	8	24	75.9	68.3	7.6	39.97	25.47	959.26	611.32
D-20	2	67.8	58.4	50.4	50.2	55.0			68.1	60.5	2	2	6	70.6	63.0	7.6	29.52	17.26	177.13	103.53
D-31	2	64.9	55.4	51.2	51.1	55.0			65.5	59.0	0	2	6	68.0	61.5	6.5	24.97	15.21	149.79	91.28
D-42	2	64.0	54.6	49.4	49.4	55.0			64.6	58.4	0	2	6	67.1	60.9	6.2	23.48	14.43	140.85	86.58
D-60	4	59.1	51.0	43.0	43.0	55.0			60.6	56.6	0	0	12	63.1	59.1	4.0	17.40	12.20	208.76	208.76
D-7	2	70.3	61.7	57.9	54.9	55.0			70.7	63.2	2	2	6	73.2	65.7	7.5	34.45	21.25	206.71	127.48
D-32	2	61.4	54.3	46.1	43.1	55.0			62.4	57.8	0	2	6	64.9	60.3	4.6	20.02	13.67	120.13	82.01
D-64	2	56.5	48.2	37.8	34.8	55.0			58.9	55.9	0	0	6	61.4	58.4	3.0	15.08	11.39	90.49	90.49
D-65	2	56.7	49.6	38.7	35.7	55.0			59.0	56.1	0	0	6	61.5	58.6	2.9	15.21	11.62	91.28	91.28
D-21	3	69.3	59.9	52.6	52.4	55.0			69.5	61.7	3	3	9	72.0	64.2	7.8	32.13	18.98	289.17	170.82
D-43	3	60.5	52.9	48.7	45.7	55.0			61.8	57.4	0	0	9	64.3	59.9	4.4	19.13	13.17	172.14	172.14
D-61	2	60.3	52.0	42.4	39.4	55.0			61.5	56.8	0	2	6	64.0	59.3	4.7	18.69	12.44	112.12	74.65
D-66	4	57.4	50.0	39.5	36.5	55.0			59.4	56.2	0	0	12	61.9	58.7	3.2	15.75	11.73	188.95	188.95
D-8	1	69.4	61.4	61.0	61.0	55.0			70.1	64.7	1	1	3	72.6	67.2	5.4	33.28	23.64	99.84	70.92
D-22	1	56.0	52.4	43.3	43.3	55.0	9.9	5.6	68.6	62.7	0	1	3	71.1	65.2	5.9	30.44	20.48	91.32	61.43
D-M1	1	60.0	55.4	48.8	48.8	55.0	8.3	3.2	69.7	61.9	0	1	3	72.2	64.4	7.8	32.51	19.27	97.53	57.82
D-M2	1	66.6	57.9	49.6	49.6	55.0			67.0	60.1	1	1	3	69.5	62.6	6.9	27.55	16.70	82.64	50.10
NY-LT4	0	74.5	64.2	63.8	63.8	55.0			74.9	67.3	0	0	0	77.4	69.8	7.6	43.21	28.08	0.00	0.00
D-M3	0	69.5	61.1	57.5	57.5	55.0			69.9	63.4	0	0	0	72.4	65.9	6.5	32.90	21.56	0.00	0.00
D-34a	2	52.3	51.5	39.8	39.7	55.0	7.0	4.0	64.0	60.7	0	0	6	66.5	63.2	3.3	22.51	17.54	135.04	135.04

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **Exit 3/SB/1 Yonkers**

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
2610	10	60	90	28.4%	22.3%	492	0.2845	0.2164	$1,397,000	21.7	$15,500
2610	12	60	120	29.5%	21.5%	492	0.2953	0.2728	$1,580,000	25.1	$13,200
2610	14	60	124	29.5%	20.9%	492	0.2953	0.2926	$1,763,000	24.1	$14,200
2610	16	60	126	29.5%	20.5%	492	0.2953	0.3059	$1,946,000	22.8	$15,400
2610	18	60	128	29.5%	20.2%	492	0.2953	0.3156	$2,129,000	21.5	$16,600
2610	20	60	128	29.5%	20.1%	492	0.2953	0.3204	$2,312,000	20.1	$18,100
2610	22	60	128	29.5%	19.9%	492	0.2953	0.3246	$2,495,000	18.9	$19,500
2610	24	60	128	29.5%	19.9%	492	0.2953	0.3274	$2,678,000	17.8	$20,900

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: Exit 3/SB/1 Yonkers *Date:* 04/01/03
Analyst: MSN *Company:* HMMH

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
2611	12	60	120	29.5%	21.5%	492	29.5%	0.2728195	$1,580,315	25.08	$13,169

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
E-1	4	67.1	64.8	49.0	49.0	55.0			67.4	65.3	4	0	12	70.1	68.0	2.1	28.62	24.97	343.39	343.39
E-2	3	72.0	66.0	57.7	57.7	55.0			72.2	66.9	3	3	9	74.9	69.6	5.3	37.88	27.72	340.91	249.52
E-3	1	72.4	65.2	62.1	62.1	55.0			72.9	67.2	1	1	3	75.6	69.9	5.7	39.34	28.26	118.01	84.77
E-4	1	69.7	64.0	56.3	56.3	55.0			70.0	65.1	1	1	3	72.7	67.8	4.9	33.47	24.63	100.42	73.89
E-20	2	65.8	61.3	49.6	49.6	55.0			66.2	62.4	2	0	6	68.9	65.1	3.8	26.50	20.32	159.00	159.00
E-19	2	64.8	61.5	47.3	47.3	55.0			65.3	62.5	0	0	6	68.0	65.2	2.8	24.97	20.48	149.79	149.79
E-18	4	61.9	60.3	42.8	42.8	55.0			62.8	61.5	0	0	12	65.5	64.2	1.3	20.94	18.98	251.25	251.25
E-38	4	61.5	59.3	42.5	42.5	55.0			62.4	60.7	0	0	12	65.1	63.4	1.7	20.32	17.82	243.90	243.90
E-39	4	61.6	59.0	42.7	42.7	55.0			62.5	60.5	0	0	12	65.2	63.2	2.0	20.48	17.54	245.73	245.73
E-40	4	63.2	60.2	45.5	45.5	55.0			63.9	61.5	0	0	12	66.6	64.2	2.4	22.67	18.98	272.00	272.00
E-42	2	63.3	59.4	45.1	45.1	55.0			64.0	60.9	0	0	6	66.7	63.6	3.1	22.83	18.11	136.96	136.96
E-41	2	65.6	61.4	50.4	50.4	55.0			66.1	62.6	2	0	6	68.8	65.3	3.5	26.33	20.63	157.96	157.96
E-21	3	70.0	63.4	57.5	57.5	55.0			70.4	64.9	3	3	9	73.1	67.6	5.5	34.26	24.30	308.30	218.68
E-5	1	69.9	61.6	60.3	60.3	55.0			70.5	64.5	1	1	3	73.2	67.2	6.0	34.45	23.64	103.36	70.92
E-6	1	72.5	64.1	66.0	66.0	55.0			73.4	68.4	1	1	3	76.1	71.1	5.0	40.39	30.44	121.18	91.32
E-45	2	63.9	57.1	48.1	48.1	55.0			64.5	59.5	0	2	6	67.2	62.2	5.0	23.64	16.15	141.83	96.90
E-46	3	63.9	56.0	49.2	49.2	55.0			64.6	59.0	0	3	9	67.3	61.7	5.6	23.80	15.48	214.22	139.30
E-23	2	65.2	55.7	52.5	52.5	55.0			65.8	59.4	0	2	6	68.5	62.1	6.4	25.81	16.02	154.87	96.09
E-22	2	68.0	58.9	56.9	56.9	55.0			68.5	62.0	2	2	6	71.2	64.7	6.5	30.63	19.72	183.76	118.33
E-7	1	71.0	64.9	66.2	66.2	55.0			72.3	68.8	1	0	3	75.0	71.5	3.5	38.09	31.19	114.26	114.26
E-8	2	71.6	65.4	66.9	66.9	55.0			72.9	69.4	2	0	6	75.6	72.1	3.5	39.34	32.32	236.02	236.02
NY-LT5	3	71.0	62.5	59.8	59.8	55.0			71.4	64.8	3	3	9	74.1	67.5	6.6	36.25	24.13	326.22	217.19
E-51	3	56.6	49.4	41.4	41.4	55.0			59.0	56.2	0	0	9	61.7	58.9	2.8	15.48	11.97	139.30	139.30
E-47	3	61.8	53.8	46.4	46.4	55.0			62.7	57.8	0	3	9	65.4	60.5	4.9	20.78	13.92	187.05	125.28
E-25	4	65.5	56.4	51.0	51.0	55.0			66.0	59.4	4	4	12	68.7	62.1	6.6	26.16	16.02	313.86	192.18
E-24	3	68.6	59.2	54.9	54.9	55.0			69.0	61.6	3	3	9	71.7	64.3	7.4	31.56	19.13	284.06	172.14
E-10	1	73.4	64.0	66.6	66.6	55.0			74.3	68.7	1	1	3	77.0	71.4	5.6	42.33	31.00	127.00	93.00
E-9	1	76.4	65.4	67.1	67.1	55.0			76.9	69.5	1	1	3	79.6	72.2	7.4	48.19	32.51	144.56	97.53
E-26	1	73.6	64.3	62.6	62.6	55.0			74.0	66.8	1	1	3	76.7	69.5	7.2	41.68	27.55	125.04	82.64
E-27	3	66.8	60.2	51.4	51.4	55.0			67.2	61.8	3	3	9	69.9	64.5	5.4	28.26	19.42	254.32	174.81
E-48	2	67.1	58.4	51.3	51.3	55.0			67.5	60.6	2	2	6	70.2	63.3	6.9	28.80	17.68	172.78	106.08
E-49	2	62.2	53.8	45.2	45.2	55.0			63.0	57.7	0	2	6	65.7	60.4	5.3	21.25	13.79	127.48	82.76
E-50	3	61.1	53.1	44.0	44.0	55.0			62.1	57.4	0	3	9	64.8	60.1	4.7	19.87	13.42	178.84	120.77
E-52	2	59.4	52.5	41.8	41.8	55.0			60.8	57.1	0	0	6	63.5	59.8	3.7	17.96	13.05	107.79	107.79
E-29	2	63.0	56.7	46.9	46.9	55.0			63.7	59.2	0	2	6	66.4	61.9	4.5	22.35	15.75	134.08	94.47
E-53	2	62.4	55.8	45.5	45.5	55.0			63.2	58.6	0	2	6	65.9	61.3	4.6	21.56	14.95	129.35	89.70
E-54	1	61.4	55.0	44.0	44.0	55.0			62.4	58.2	0	0	3	65.1	60.9	4.2	20.32	14.43	60.97	60.97
E-55	2	59.5	53.8	42.0	42.0	55.0			60.9	57.6	0	0	6	63.6	60.3	3.3	18.11	13.67	108.65	108.65
E-56	4	56.3	51.8	40.3	40.3	55.0			58.8	56.8	0	0	12	61.5	59.5	2.0	15.21	12.68	182.56	182.56
E-59	2	56.0	51.9	41.7	41.7	55.0	9.1	4.0	67.7	60.9	0	2	6	70.4	63.6	6.8	29.16	18.11	174.95	108.65
E-60	5	53.4	51.0	38.6	38.6	55.0	9.1	4.0	66.4	60.5	0	5	15	69.1	63.2	5.9	26.85	17.54	402.71	263.06
E-65	4	53.0	50.1	39.3	39.3	55.0	9.6	5.1	66.8	61.4	0	4	12	69.5	64.1	5.4	27.55	18.83	330.58	226.00
E-32	3	60.3	54.3	44.9	44.9	55.0	9.1	4.0	70.6	61.9	0	3	9	73.3	64.6	8.7	34.65	19.57	311.84	176.15

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: Exit 3/SB/1 Yonkers *Date:* 04/01/03
Analyst: MSN *Company:* HMMH

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
2611	12	60	120	29.5%	21.5%	492	29.5%	0.2728195	$1,580,315	25.08	$13,169

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
E-34	4	57.9	52.7	42.1	42.1	55.0	9.6	5.1	69.4	62.2	0	4	12	72.1	64.9	7.2	32.32	20.02	387.85	240.27
E-33	2	61.2	55.1	47.4	47.4	55.0	9.1	4.0	71.4	62.4	0	2	6	74.1	65.1	9.0	36.25	20.32	217.48	121.95
E-31	2	62.4	56.2	48.6	48.6	55.0	9.1	4.0	72.4	63.1	0	2	6	75.1	65.8	9.3	38.29	21.40	229.75	128.41
E-30	1	63.4	57.3	48.8	48.8	55.0	9.1	4.0	73.2	63.7	0	1	3	75.9	66.4	9.5	39.97	22.35	119.91	67.04
E-28	4	67.0	59.8	55.1	55.1	55.0			67.5	62.0	4	4	12	70.2	64.7	5.5	28.80	19.72	345.55	236.66
E-16	3	58.5	55.0	51.7	51.7	55.0	10.0	4.7	70.7	63.6	0	3	9	73.4	66.3	7.1	34.85	22.19	313.62	199.70
E-15	2	65.3	58.4	59.4	59.4	55.0	7.9	3.9	74.5	66.6	0	2	6	77.2	69.3	7.9	42.77	27.20	256.62	163.18
E-14	1	69.6	62.0	65.2	65.2	55.0	7.3	3.8	78.4	70.8	1	1	3	81.1	73.5	7.6	51.73	35.05	155.20	105.14
E-13	2	70.7	62.4	65.9	65.9	55.0	7.3	3.6	79.3	71.3	2	2	6	82.0	74.0	8.0	53.92	36.04	323.52	216.27
E-12	1	72.2	62.8	67.4	67.4	55.0			73.5	68.9	1	1	3	76.2	71.6	4.6	40.61	31.37	121.82	94.12
E-11	0	72.8	63.3	69.3	69.3	55.0			74.5	70.4	0	0	0	77.2	73.1	4.1	42.77	34.26	0.00	0.00
E-66	2	55.8	52.8	41.4	41.4	55.0	9.6	5.1	68.1	62.3	0	2	6	70.8	65.0	5.8	29.89	20.17	179.32	121.04
E-37	2	56.3	53.7	42.1	42.1	55.0	9.6	5.1	68.4	62.6	0	2	6	71.1	65.3	5.8	30.44	20.63	182.64	123.78
E-43	3	64.9	59.1	47.4	47.4	55.0			65.4	60.7	0	3	9	68.1	63.4	4.7	25.13	17.82	226.20	160.39
E-44	3	67.2	61.1	52.2	52.2	55.0			67.6	62.5	3	3	9	70.3	65.2	5.1	28.98	20.48	260.79	184.30
E-M1	1	72.4	63.1	66.5	66.5	55.0			73.5	68.3	1	1	3	76.2	71.0	5.2	40.61	30.26	121.82	90.77
E-17	2	61.3	56.0	55.6	55.6	55.0	10.0	4.7	73.1	65.0	0	2	6	75.8	67.7	8.1	39.76	24.46	238.55	146.78
E-M3	2	60.2	54.7	53.3	53.3	55.0	9.8	4.8	71.8	64.0	0	2	6	74.5	66.7	7.8	37.06	22.83	222.35	136.96
E-35	6	58.8	53.4	47.7	47.7	55.0	9.6	5.1	70.1	62.8	0	6	18	72.8	65.5	7.3	33.67	20.94	606.05	376.87
E-36	3	57.9	52.7	46.7	46.7	55.0	9.6	5.1	69.5	62.5	0	3	9	72.2	65.2	7.0	32.51	20.48	292.60	184.30
E-M2	3	71.1	63.4	61.3	61.3	55.0			71.6	65.9	3	3	9	74.3	68.6	5.7	36.65	25.98	329.86	233.85
E-16A	2	61.0	56.0	55.1	55.1	55.0	10.0	4.7	72.8	64.9	0	2	6	75.5	67.6	7.9	39.13	24.30	234.76	145.78
E-33A	3	60.1	54.5	48.9	48.9	55.0	9.6	5.1	71.1	63.4	0	3	9	73.8	66.1	7.7	35.64	21.87	320.79	196.85
E-5a	1	70.7	62.4	65.8	65.8	55.0			72.0	67.7	1	0	3	74.7	70.4	4.3	37.47	29.16	112.40	112.40
E-26a	1	70.2	61.8	59.4	59.4	55.0			70.7	64.3	1	1	3	73.4	67.0	6.4	34.85	23.31	104.54	69.94
E-9a	1	73.1	63.4	62.6	62.6	55.0			73.5	66.4	1	1	3	76.2	69.1	7.1	40.61	26.85	121.82	80.54
E-29a	1	65.8	58.9	52.0	52.0	55.0			66.3	61.0	1	1	3	69.0	63.7	5.3	26.67	18.25	80.02	54.75

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **Yonkers 6A/NB/1**

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
4240	10	101	54	29.5%	24.3%	357	0.2946	0.1740	$2,054,000	8.9	$38,000
4240	12	101	67	29.5%	22.6%	357	0.2946	0.2336	$2,308,000	10.6	$34,400
4240	14	101	77	29.5%	21.1%	357	0.2946	0.2821	$2,562,000	11.6	$33,300
4240	16	101	107	29.5%	18.5%	357	0.2946	0.3721	$2,816,000	13.9	$26,300
4240	18	101	113	29.5%	17.3%	357	0.2946	0.4136	$3,070,000	14.2	$27,200
4240	20	101	119	29.5%	16.2%	357	0.2946	0.4508	$3,324,000	14.3	$27,900
4240	22	101	119	29.5%	15.5%	357	0.2946	0.4743	$3,578,000	13.9	$30,100
4240	24	101	119	29.5%	14.9%	357	0.2946	0.4936	$3,833,000	13.5	$32,200

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: Yonkers 6A/NB/1 *Date:* 04/01/03
Analyst: JDV *Company:* HMMH

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
4235	20	101	119	29.5%	16.2%	357	29.5%	0.4508412	$3,324,325	14.26	$27,936

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
Receiver1	1	67.1	62.4			50.0			67.2	62.6	1	1	3	68.7	64.1	4.6	26.16	18.83	78.47	56.50
Receiver2"	1	67.7	60.9			50.0			67.8	61.2	1	1	3	69.3	62.7	6.6	27.20	16.84	81.59	50.51
Receiver3"	1	70.7	56.9			50.0			70.7	57.7	1	1	3	72.2	59.2	13.0	32.51	12.32	97.53	36.97
Receiver4"	2	66.6	60.2			50.0			66.7	60.6	2	2	6	68.2	62.1	6.1	25.30	16.02	151.81	96.09
Receiver5"	3	69.7	58.8			50.0			69.7	59.3	3	3	9	71.2	60.8	10.4	30.63	14.30	275.64	128.72
Receiver6"	2	68.3	60.8			50.0			68.4	61.1	2	2	6	69.9	62.6	7.3	28.26	16.70	169.55	100.19
Receiver7"	3	67.1	60.3			50.0			67.2	60.7	3	3	9	68.7	62.2	6.5	26.16	16.15	235.40	145.36
Receiver8"	1	63.4	58.3			50.0			63.6	58.9	0	1	3	65.1	60.4	4.7	20.32	13.79	60.97	41.38
Receiver9"	2	76.3	61.1			50.0			76.3	61.4	2	2	6	77.8	62.9	14.9	44.09	17.12	264.56	102.69
Receiver1(	4	68.6	62.0			50.0			68.7	62.3	4	4	12	70.2	63.8	6.4	28.80	18.40	345.55	220.75
Receiver11	1	64.1	58.5			50.0			64.3	59.1	0	1	3	65.8	60.6	5.2	21.40	14.05	64.21	42.14
Receiver1:	2	77.2	61.4			50.0			77.2	61.7	2	2	6	78.7	63.2	15.5	46.12	17.54	276.70	105.22
Receiver1:	3	68.0	59.8			50.0			68.1	60.2	3	3	9	69.6	61.7	7.9	27.72	15.48	249.52	139.30
Receiver1⁴	3	67.2	60.5			50.0			67.3	60.9	3	3	9	68.8	62.4	6.4	26.33	16.42	236.95	147.81
Receiver1!	1	77.3	62.0			50.0			77.3	62.3	1	1	3	78.8	63.8	15.0	46.34	18.40	139.03	55.19
Receiver1(	1	75.0	62.1			50.0			75.0	62.4	1	1	3	76.5	63.9	12.6	41.25	18.54	123.75	55.62
Receiver1'	4	70.4	61.2			50.0			70.4	61.5	4	4	12	71.9	63.0	8.9	31.94	17.26	383.28	207.07
Receiver1(	5	70.5	63.8			50.0			70.5	64.0	5	5	15	72.0	65.5	6.5	32.13	20.94	481.95	314.06
Receiver1!	4	66.0	59.4			50.0			66.1	59.9	4	4	12	67.6	61.4	6.2	24.30	15.08	291.57	180.97
Receiver2(	3	72.5	61.9			50.0			72.5	62.2	3	3	9	74.0	63.7	10.3	36.04	18.25	324.40	164.26
Receiver21	4	69.0	59.5			50.0			69.1	60.0	4	4	12	70.6	61.5	9.1	29.52	15.21	354.26	182.56
Receiver2:	1	71.7	63.1			50.0			71.7	63.3	1	1	3	73.2	64.8	8.4	34.45	19.87	103.36	59.61
Receiver2:	2	68.5	58.9			50.0			68.6	59.4	2	2	6	70.1	60.9	9.2	28.62	14.43	171.70	86.58
Receiver2⁴	3	64.5	58.0			50.0			64.7	58.6	0	3	9	66.2	60.1	6.1	22.03	13.42	198.27	120.77
Receiver2!	4	65.7	59.6			50.0			65.8	60.1	4	4	12	67.3	61.6	5.7	23.80	15.35	285.63	184.14
Receiver2(	5	69.8	62.0			50.0			69.8	62.3	5	5	15	71.3	63.8	7.5	30.81	18.40	462.18	275.94
Receiver2'	5	64.5	58.5			50.0			64.7	59.1	0	5	15	66.2	60.6	5.6	22.03	14.05	330.45	210.71
Receiver2(	4	71.9	65.7			50.0			71.9	65.8	4	4	12	73.4	67.3	6.1	34.85	23.80	418.17	285.63
Receiver2!	1	71.1	61.2			50.0			71.1	61.5	1	1	3	72.6	63.0	9.6	33.28	17.26	99.84	51.77
Receiver3(	4	59.7	54.2			50.0			60.1	55.6	0	4	12	61.6	57.1	4.5	15.35	9.94	184.14	119.28
Receiver31	4	71.9	63.2			50.0			71.9	63.4	4	4	12	73.4	64.9	8.5	34.85	20.02	418.17	240.27
Receiver3:	2	73.9	65.0			50.0			73.9	65.1	2	2	6	75.4	66.6	8.8	38.92	22.67	233.50	136.00
Receiver3:	4	60.2	54.3			50.0			60.6	55.7	0	4	12	62.1	57.2	4.9	16.02	10.05	192.18	120.57
Receiver3⁴	4	72.7	61.9			50.0			72.7	62.2	4	4	12	74.2	63.7	10.5	36.45	18.25	437.38	219.02
Receiver3!	6	70.9	59.4			50.0			70.9	59.9	6	6	18	72.4	61.4	11.0	32.90	15.08	592.11	271.46
Receiver3(	2	71.0	59.4			50.0			71.0	59.9	2	2	6	72.5	61.4	11.1	33.09	15.08	198.53	90.49
Receiver3'	3	69.7	59.2			50.0			69.7	59.7	3	3	9	71.2	61.2	10.0	30.63	14.82	275.64	133.37
Receiver3(	4	69.7	58.9			50.0			69.7	59.4	4	4	12	71.2	60.9	10.3	30.63	14.43	367.51	173.17
Receiver3!	2	70.3	60.4			50.0			70.3	60.8	2	2	6	71.8	62.3	9.5	31.75	16.29	190.50	97.72
Receiver4(	3	70.4	60.1			50.0			70.4	60.5	3	3	9	71.9	62.0	9.9	31.94	15.88	287.46	142.92
Receiver41	2	67.3	57.2			50.0			67.4	58.0	2	2	6	68.9	59.5	9.4	26.50	12.68	159.00	76.10
Receiver4:	3	66.4	56.4			50.0			66.5	57.3	3	3	9	68.0	58.8	9.2	24.97	11.85	224.69	106.65

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **Rockland 10/SB/1**

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
3610	10	91	60	37.7%	29.2%	273	0.3770	0.2250	$1,778,000	13.0	$29,600
3610	12	91	71	37.7%	27.1%	273	0.3770	0.2809	$2,000,000	14.5	$28,200
3610	14	91	74	37.7%	25.8%	273	0.3770	0.3145	$2,222,000	14.6	$30,000
3610	16	91	83	37.7%	24.1%	273	0.3770	0.3598	$2,444,000	15.2	$29,400
3610	18	91	86	37.7%	23.1%	273	0.3770	0.3878	$2,666,000	15.0	$31,000
3610	20	91	88	37.7%	22.2%	273	0.3770	0.4109	$2,887,000	14.6	$32,800
3610	22	91	88	37.7%	21.7%	273	0.3770	0.4250	$3,109,000	14.1	$35,300
3610	24	91	88	37.7%	21.2%	273	0.3770	0.4380	$3,331,000	13.5	$37,900

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: Rockland 10/SB/1 *Date:* 04/01/03
Analyst: JDV *Company:* HMMH

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
3609	16	91	83	37.7%	24.1%	273	37.7%	0.3598066	$2,443,545	15.16	$29,440

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
Receiver1	1	74.4	69.3			50.0			74.4	69.4	1	1	3	77.8	72.8	5.0	44.09	33.67	132.28	101.01
Receiver2"	1	72.6	64.4			50.0			72.6	64.6	1	1	3	76.0	68.0	8.0	40.18	24.97	120.54	74.90
Receiver3"	2	69.1	62.1			50.0			69.2	62.4	2	2	6	72.6	65.8	6.8	33.28	21.40	199.69	128.41
Receiver6"	3	70.1	65.6			50.0			70.1	65.7	3	0	9	73.5	69.1	4.4	35.05	26.85	315.41	315.41
Receiver1(	3	69.7	66.7			50.0			69.7	66.8	3	0	9	73.1	70.2	2.9	34.26	28.80	308.30	308.30
Receiver11	4	70.2	65.5			50.0			70.2	65.6	4	4	12	73.6	69.0	4.6	35.24	26.67	422.93	320.08
Receiver1!	3	69.6	64.7			50.0			69.6	64.8	3	3	9	73.0	68.2	4.8	34.06	25.30	306.54	227.72
Receiver1!	2	69.2	63.9			50.0			69.3	64.1	2	2	6	72.7	67.5	5.2	33.47	24.13	200.85	144.79
Receiver2(	2	69.3	65.5			50.0			69.4	65.6	2	0	6	72.8	69.0	3.8	33.67	26.67	202.02	202.02
Receiver2:	4	73.7	63.7			50.0			73.7	63.9	4	4	12	77.1	67.3	9.8	42.55	23.80	510.61	285.63
Receiver2:	2	70.4	61.9			50.0			70.4	62.2	2	2	6	73.8	65.6	8.2	35.64	21.09	213.86	126.55
Receiver2!	1	70.3	62.0			50.0			70.3	62.3	1	1	3	73.7	65.7	8.0	35.44	21.25	106.33	63.74
Receiver2(	1	68.4	60.4			50.0			68.5	60.8	1	1	3	71.9	64.2	7.7	31.94	18.98	95.82	56.94
Receiver2'	1	76.6	64.9			50.0			76.6	65.0	1	1	3	80.0	68.4	11.6	49.12	25.64	147.36	76.93
Receiver2(	1	68.7	60.9			50.0			68.8	61.2	1	1	3	72.2	64.6	7.6	32.51	19.57	97.53	58.72
Receiver2!	2	67.6	60.3			50.0			67.7	60.7	2	2	6	71.1	64.1	7.0	30.44	18.83	182.64	113.00
Receiver3:	3	75.6	64.5			50.0			75.6	64.7	3	3	9	79.0	68.1	10.9	46.80	25.13	421.21	226.20
Receiver3-	2	69.1	61.1			50.0			69.2	61.4	2	2	6	72.6	64.8	7.8	33.28	19.87	199.69	119.23
Receiver3(	2	68.2	60.0			50.0			68.3	60.4	2	2	6	71.7	63.8	7.9	31.56	18.40	189.37	110.38
Receiver3(	2	73.9	62.5			50.0			73.9	62.7	2	2	6	77.3	66.1	11.2	42.99	21.87	257.93	131.23
Receiver3!	1	70.6	60.9			50.0			70.6	61.2	1	1	3	74.0	64.6	9.4	36.04	19.57	108.13	58.72
Receiver4:	4	69.6	59.7			50.0			69.6	60.1	4	4	12	73.0	63.5	9.5	34.06	17.96	408.72	215.57
Receiver4:	1	71.7	62.1			50.0			71.7	62.4	1	1	3	75.1	65.8	9.3	38.29	21.40	114.88	64.21
Receiver4-	3	79.7	64.9			50.0			79.7	65.0	3	3	9	83.1	68.4	14.7	56.66	25.64	509.90	230.78
Receiver4;	4	70.3	63.9			50.0			70.3	64.1	4	4	12	73.7	67.5	6.2	35.44	24.13	425.32	289.58
Receiver4!	2	73.8	63.9			50.0			73.8	64.1	2	2	6	77.2	67.5	9.7	42.77	24.13	256.62	144.79
Receiver5:	3	72.7	65.0			50.0			72.7	65.1	3	3	9	76.1	68.5	7.6	40.39	25.81	363.54	232.31
Receiver5!	3	69.9	64.2			50.0			69.9	64.4	3	3	9	73.3	67.8	5.5	34.65	24.63	311.84	221.67
Receiver5(	3	72.1	65.1			50.0			72.1	65.2	3	3	9	75.5	68.6	6.9	39.13	25.98	352.14	233.85
Receiver5(	1	78.9	67.1			50.0			78.9	67.2	1	1	3	82.3	70.6	11.7	54.66	29.52	163.98	88.56
Receiver5!	2	73.4	64.9			50.0			73.4	65.0	2	2	6	76.8	68.4	8.4	41.90	25.64	251.39	153.85
Receiver61	1	77.3	67.8			50.0			77.3	67.9	1	1	3	80.7	71.3	9.4	50.77	30.81	152.32	92.44
Receiver6:	2	69.5	62.6			50.0			69.5	62.8	2	2	6	72.9	66.2	6.7	33.86	22.03	203.19	132.18
Receiver6:	1	76.4	65.5			50.0			76.4	65.6	1	1	3	79.8	69.0	10.8	48.65	26.67	145.95	80.02
Receiver6!	1	74.5	64.0			50.0			74.5	64.2	1	1	3	77.9	67.6	10.3	44.32	24.30	132.95	72.89
Receiver6(	3	70.4	61.5			50.0			70.4	61.8	3	3	9	73.8	65.2	8.6	35.64	20.48	320.79	184.30
Receiver6'	2	72.9	62.3			50.0			72.9	62.5	2	2	6	76.3	65.9	10.4	40.82	21.56	244.92	129.35
Receiver6!	1	70.6	61.9			50.0			70.6	62.2	1	1	3	74.0	65.6	8.4	36.04	21.09	108.13	63.28
Receiver7(	0	70.4	61.2			50.0			70.4	61.5	0	0	0	73.8	64.9	8.9	35.64	20.02	0.00	0.00
Receiver71	1	70.1	61.2			50.0			70.1	61.5	1	1	3	73.5	64.9	8.6	35.05	20.02	105.14	60.07
Receiver7:	2	69.1	62.0			50.0			69.2	62.3	2	2	6	72.6	65.7	6.9	33.28	21.25	199.69	127.48
Receiver7:	4	68.4	61.7			50.0			68.5	62.0	4	4	12	71.9	65.4	6.5	31.94	20.78	383.28	249.40
Receiver7-	1	67.9	60.6			50.0			68.0	61.0	1	1	3	71.4	64.4	7.0	31.00	19.27	93.00	57.82

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: Rockland 10/SB/1 *Date:* 04/01/03
Analyst: JDV *Company:* HMMH

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
3609	16	91	83	37.7%	24.1%	273	37.7%	0.3598066	$2,443,545	15.16	$29,440

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
Receiver7(	2	70.1	63.9			50.0			70.1	64.1	2	2	6	73.5	67.5	6.0	35.05	24.13	210.27	144.79
Receiver7(	1	68.3	63.4			50.0			68.4	63.6	1	1	3	71.8	67.0	4.8	31.75	23.31	95.25	69.94
Receiver8(	0	69.9	61.8			50.0			69.9	62.1	0	0	0	73.3	65.5	7.8	34.65	20.94	0.00	0.00

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **Rockland 12/SB/1**

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
4290	10	37	48	27.1%	21.5%	258	0.2706	0.2057	$2,080,000	6.9	$43,300
4290	12	37	53	27.1%	20.4%	258	0.2706	0.2453	$2,337,000	7.3	$44,100
4290	14	37	69	27.1%	18.5%	258	0.2706	0.3167	$2,595,000	8.5	$37,600
4290	16	37	72	27.1%	17.7%	258	0.2706	0.3459	$2,852,000	8.5	$39,600
4290	18	37	72	27.1%	17.2%	258	0.2706	0.3644	$3,109,000	8.2	$43,200
4290	20	37	76	27.1%	16.5%	258	0.2706	0.3902	$3,367,000	8.1	$44,300
4290	22	37	76	27.1%	16.1%	258	0.2706	0.4040	$3,624,000	7.8	$47,700
4290	24	37	78	27.1%	15.7%	258	0.2706	0.4215	$3,881,000	7.6	$49,800

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: Rockland 12/SB/1 *Date:* 04/01/03
Analyst: JDV *Company:* HMMH

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
4289	14	37	69	27.1%	18.5%	258	27.1%	0.3166871	$2,594,725	8.52	$37,605

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
Receiver6	1	59.9	58.2			50.0			60.3	58.8	0	0	3	63.3	61.8	1.5	17.68	15.61	53.04	53.04
Receiver7"	1	62.4	56.7			50.0			62.6	57.5	0	1	3	65.6	60.5	5.1	21.09	13.92	63.28	41.76
Receiver1:	1	59.6	59.0			50.0			60.1	59.5	0	0	3	63.1	62.5	0.6	17.40	16.56	52.19	52.19
Receiver1:	1	63.5	58.7			50.0			63.7	59.2	0	1	3	66.7	62.2	4.5	22.83	16.15	68.48	48.45
Receiver1-	1	64.2	58.4			50.0			64.4	59.0	0	1	3	67.4	62.0	5.4	23.97	15.88	71.90	47.64
Receiver1!	1	64.6	59.3			50.0			64.7	59.8	0	1	3	67.7	62.8	4.9	24.46	16.98	73.39	50.93
Receiver1(	1	63.4	57.6			50.0			63.6	58.3	0	1	3	66.6	61.3	5.3	22.67	14.95	68.00	44.85
Receiver1'	1	64.6	59.3			50.0			64.7	59.8	0	1	3	67.7	62.8	4.9	24.46	16.98	73.39	50.93
Receiver1(	2	65.3	58.9			50.0			65.4	59.4	0	2	6	68.4	62.4	6.0	25.64	16.42	153.85	98.54
Receiver1!	1	68.1	60.8			50.0			68.2	61.1	1	1	3	71.2	64.1	7.1	30.63	18.83	91.88	56.50
Receiver2(	2	66.4	59.2			50.0			66.5	59.7	2	2	6	69.5	62.7	6.8	27.55	16.84	165.29	101.02
Receiver2:	1	63.0	56.5			50.0			63.2	57.4	0	1	3	66.2	60.4	5.8	22.03	13.79	66.09	41.38
Receiver2-	1	67.2	59.7			50.0			67.3	60.1	1	1	3	70.3	63.1	7.2	28.98	17.40	86.93	52.19
Receiver2!	3	64.3	57.0			50.0			64.5	57.8	0	3	9	67.5	60.8	6.7	24.13	14.30	217.19	128.72
Receiver2(	3	63.9	56.8			50.0			64.1	57.6	0	3	9	67.1	60.6	6.5	23.48	14.05	211.28	126.42
Receiver2'	1	66.9	60.0			50.0			67.0	60.4	1	1	3	70.0	63.4	6.6	28.44	17.82	85.31	53.46
Receiver2!	1	65.2	57.4			50.0			65.3	58.1	0	1	3	68.3	61.1	7.2	25.47	14.69	76.42	44.07
Receiver3(	1	64.2	57.1			50.0			64.4	57.9	0	1	3	67.4	60.9	6.5	23.97	14.43	71.90	43.29
Receiver3:	1	68.4	60.5			50.0			68.5	60.9	1	1	3	71.5	63.9	7.6	31.19	18.54	93.56	55.62
Receiver3:	1	66.3	58.6			50.0			66.4	59.2	1	1	3	69.4	62.2	7.2	27.37	16.15	82.12	48.45
Receiver3(	1	70.5	61.4			50.0			70.5	61.7	1	1	3	73.5	64.7	8.8	35.05	19.72	105.14	59.16
Receiver3'	2	64.8	57.7			50.0			64.9	58.4	0	2	6	67.9	61.4	6.5	24.80	15.08	148.78	90.49
Receiver3!	4	62.4	56.3			50.0			62.6	57.2	0	4	12	65.6	60.2	5.4	21.09	13.54	253.10	162.52
Receiver3!	1	70.0	61.3			50.0			70.0	61.6	1	1	3	73.0	64.6	8.4	34.06	19.57	102.18	58.72
Receiver4(	1	65.2	57.9			50.0			65.3	58.6	0	1	3	68.3	61.6	6.7	25.47	15.35	76.42	46.04
Receiver4:	2	63.9	56.9			50.0			64.1	57.7	0	2	6	67.1	60.7	6.4	23.48	14.17	140.85	85.05
Receiver4:	2	70.2	62.2			50.0			70.2	62.5	2	2	6	73.2	65.5	7.7	34.45	20.94	206.71	125.62
Receiver4-	1	66.4	58.7			50.0			66.5	59.2	1	1	3	69.5	62.2	7.3	27.55	16.15	82.64	48.45
Receiver4(	1	78.1	64.9			50.0			78.1	65.0	1	1	3	81.1	68.0	13.1	51.73	24.97	155.20	74.90
Receiver4'	1	67.3	61.0			50.0			67.4	61.3	1	1	3	70.4	64.3	6.1	29.16	19.13	87.47	57.38
Receiver4!	1	66.2	59.7			50.0			66.3	60.1	1	1	3	69.3	63.1	6.2	27.20	17.40	81.59	52.19
Receiver4!	2	60.7	55.2			50.0			61.1	56.3	0	2	6	64.1	59.3	4.8	18.83	12.44	113.00	74.65
Receiver51	2	69.7	62.3			50.0			69.7	62.5	2	2	6	72.7	65.5	7.2	33.47	20.94	200.85	125.62
Receiver5:	5	63.4	58.1			50.0			63.6	58.7	0	5	15	66.6	61.7	4.9	22.67	15.48	340.00	232.17
Receiver5!	4	61.7	57.9			50.0			62.0	58.6	0	0	12	65.0	61.6	3.4	20.17	15.35	242.08	242.08
Receiver5(	3	67.2	66.2			50.0			67.3	66.3	3	0	9	70.3	69.3	1.0	28.98	27.20	260.79	260.79
Receiver5'	2	63.0	61.2			50.0			63.2	61.5	0	0	6	66.2	64.5	1.7	22.03	19.42	132.18	132.18
Receiver5!	1	63.7	61.5			50.0			63.9	61.8	0	0	3	66.9	64.8	2.1	23.15	19.87	69.45	69.45
Receiver5!	2	63.4	60.9			50.0			63.6	61.2	0	0	6	66.6	64.2	2.4	22.67	18.98	136.00	136.00
Receiver6(	1	66.3	59.7			50.0			66.4	60.1	1	1	3	69.4	63.1	6.3	27.37	17.40	82.12	52.19
Receiver61	2	62.7	57.6			50.0			62.9	58.3	0	2	6	65.9	61.3	4.6	21.56	14.95	129.35	89.70
Receiver6-	3	62.3	57.4			50.0			62.5	58.1	0	0	9	65.5	61.1	4.4	20.94	14.69	188.44	188.44
Receiver6(	2	77.8	64.4			50.0			77.8	64.6	2	2	6	80.8	67.6	13.2	51.01	24.30	306.08	145.78

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: Rockland 12/SB/1 *Date:* 04/01/03
Analyst: JDV *Company:* HMMH

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
4289	14	37	69	27.1%	18.5%	258	27.1%	0.3166871	$2,594,725	8.52	$37,605

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
Receiver67	3	73.3	63.3			50.0			73.3	63.5	3	3	9	76.3	66.5	9.8	40.82	22.51	367.39	202.56
Receiver68	4	69.5	62.2			50.0			69.5	62.5	4	4	12	72.5	65.5	7.0	33.09	20.94	397.06	251.25
Receiver70	1	70.9	63.6			50.0			70.9	63.8	1	1	3	73.9	66.8	7.1	35.84	22.99	107.53	68.97
Receiver71	6	67.9	63.1			50.0			68.0	63.3	6	6	18	71.0	66.3	4.7	30.26	22.19	544.60	399.39

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **Rockland 13/SB/1**

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
4710	10	87	77	30.8%	22.2%	306	0.3081	0.2785	$2,299,000	11.4	$29,900
4710	12	87	79	30.8%	20.9%	306	0.3081	0.3223	$2,585,000	11.8	$32,700
4710	14	87	79	30.8%	20.0%	306	0.3081	0.3512	$2,870,000	11.5	$36,300
4710	16	87	79	30.8%	19.3%	306	0.3081	0.3748	$3,155,000	11.2	$39,900
4710	18	87	79	30.8%	18.7%	306	0.3081	0.3941	$3,441,000	10.8	$43,600
4710	20	87	79	30.8%	18.2%	306	0.3081	0.4092	$3,726,000	10.4	$47,200
4710	22	87	81	30.8%	17.6%	306	0.3081	0.4274	$4,012,000	10.0	$49,500
4710	24	87	84	30.8%	17.0%	306	0.3081	0.4474	$4,297,000	9.8	$51,200

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: Rockland 13/SB/1 *Date:* 04/01/03
Analyst: JDV *Company:* HMMH

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
4714	12	87	79	30.8%	20.9%	306	30.8%	0.3222985	$2,584,550	11.76	$32,716

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
Receiver1	2	76.2	69.8			50.0			76.2	69.8	2	2	6	78.9	72.5	6.4	46.57	33.09	279.44	198.53
Receiver2"	1	68.3	66.9			50.0			68.4	67.0	1	0	3	71.1	69.7	1.4	30.44	27.90	91.32	91.32
Receiver3"	1	66.6	65.7			50.0			66.7	65.8	1	0	3	69.4	68.5	0.9	27.37	25.81	82.12	82.12
Receiver4"	1	65.0	64.3			50.0			65.1	64.5	0	0	3	67.8	67.2	0.6	24.63	23.64	73.89	73.89
Receiver5"	1	68.1	67.0			50.0			68.2	67.1	1	0	3	70.9	69.8	1.1	30.07	28.08	90.21	90.21
Receiver6"	1	65.7	65.5			50.0			65.8	65.6	1	0	3	68.5	68.3	0.2	25.81	25.47	77.44	77.44
Receiver7"	5	64.6	64.4			50.0			64.7	64.6	0	0	15	67.4	67.3	0.1	23.97	23.80	359.50	359.50
Receiver8"	1	68.4	66.8			50.0			68.5	66.9	1	0	3	71.2	69.6	1.6	30.63	27.72	91.88	91.88
Receiver1(	5	64.9	64.6			50.0			65.0	64.7	0	0	15	67.7	67.4	0.3	24.46	23.97	366.95	366.95
Receiver11	2	66.6	65.8			50.0			66.7	65.9	2	0	6	69.4	68.6	0.8	27.37	25.98	164.23	164.23
Receiver12	3	67.0	65.8			50.0			67.1	65.9	3	0	9	69.8	68.6	1.2	28.08	25.98	252.72	252.72
Receiver13	2	69.5	67.5			50.0			69.5	67.6	2	0	6	72.2	70.3	1.9	32.51	28.98	195.07	195.07
Receiver14	2	69.7	63.3			50.0			69.7	63.5	2	2	6	72.4	66.2	6.2	32.90	22.03	197.37	132.18
Receiver15	2	67.8	63.0			50.0			67.9	63.2	2	2	6	70.6	65.9	4.7	29.52	21.56	177.13	129.35
Receiver16	4	65.7	57.9			50.0			65.8	58.6	4	4	12	68.5	61.3	7.2	25.81	14.95	309.75	179.40
Receiver17	1	77.2	65.6			50.0			77.2	65.7	1	1	3	79.9	68.4	11.5	48.88	25.64	146.65	76.93
Receiver18	5	70.3	61.3			50.0			70.3	61.6	5	5	15	73.0	64.3	8.7	34.06	19.13	510.90	286.90
Receiver19	2	67.1	59.0			50.0			67.2	59.5	2	2	6	69.9	62.2	7.7	28.26	16.15	169.55	96.90
Receiver2(	2	74.9	65.5			50.0			74.9	65.6	2	2	6	77.6	68.3	9.3	43.65	25.47	261.90	152.83
Receiver21	2	76.1	66.0			50.0			76.1	66.1	2	2	6	78.8	68.8	10.0	46.34	26.33	278.07	157.96
Receiver23	1	75.0	65.5			50.0			75.0	65.6	1	1	3	77.7	68.3	9.4	43.87	25.47	131.61	76.42
Receiver24	1	72.2	63.2			50.0			72.2	63.4	1	1	3	74.9	66.1	8.8	37.88	21.87	113.64	65.62
Receiver25	2	68.6	60.7			50.0			68.7	61.1	2	2	6	71.4	63.8	7.6	31.00	18.40	185.99	110.38
Receiver26	3	68.9	60.0			50.0			69.0	60.4	3	3	9	71.7	63.1	8.6	31.56	17.40	284.06	156.57
Receiver27	4	67.2	59.0			50.0			67.3	59.5	4	4	12	70.0	62.2	7.8	28.44	16.15	341.24	193.81
Receiver28	1	71.8	62.9			50.0			71.8	63.1	1	1	3	74.5	65.8	8.7	37.06	21.40	111.17	64.21
Receiver29	0	71.8	62.9			50.0			71.8	63.1	0	0	0	74.5	65.8	8.7	37.06	21.40	0.00	0.00
Receiver3(	5	67.3	59.5			50.0			67.4	60.0	5	5	15	70.1	62.7	7.4	28.62	16.84	429.24	252.56
Receiver31	1	65.7	57.7			50.0			65.8	58.4	1	1	3	68.5	61.1	7.4	25.81	14.69	77.44	44.07
Receiver32	2	65.4	58.2			50.0			65.5	58.8	0	2	6	68.2	61.5	6.7	25.30	15.21	151.81	91.28
Receiver33	2	64.0	57.2			50.0			64.2	58.0	0	2	6	66.9	60.7	6.2	23.15	14.17	138.90	85.05
Receiver34	1	68.1	61.2			50.0			68.2	61.5	1	1	3	70.9	64.2	6.7	30.07	18.98	90.21	56.94
Receiver36	1	69.5	62.0			50.0			69.5	62.3	1	1	3	72.2	65.0	7.2	32.51	20.17	97.53	60.52
Receiver37	1	68.0	60.4			50.0			68.1	60.8	1	1	3	70.8	63.5	7.3	29.89	17.96	89.66	53.89
Receiver38	1	65.8	58.9			50.0			65.9	59.4	1	1	3	68.6	62.1	6.5	25.98	16.02	77.95	48.05
Receiver39	1	69.6	61.9			50.0			69.6	62.2	1	1	3	72.3	64.9	7.4	32.70	20.02	98.11	60.07
Receiver4(	2	69.0	60.9			50.0			69.1	61.2	2	2	6	71.8	63.9	7.9	31.75	18.54	190.50	111.25
Receiver41	2	69.5	61.9			50.0			69.5	62.2	2	2	6	72.2	64.9	7.3	32.51	20.02	195.07	120.13
Receiver42	2	70.5	62.6			50.0			70.5	62.8	2	2	6	73.2	65.5	7.7	34.45	20.94	206.71	125.62
Receiver45	4	65.7	57.9			50.0			65.8	58.6	4	4	12	68.5	61.3	7.2	25.81	14.95	309.75	179.40
Receiver46	2	71.6	63.4			50.0			71.6	63.6	2	2	6	74.3	66.3	8.0	36.65	22.19	219.91	133.13
Receiver47	6	68.9	61.2			50.0			69.0	61.5	6	6	18	71.7	64.2	7.5	31.56	18.98	568.11	341.63
Receiver48	4	66.3	58.7			50.0			66.4	59.2	4	4	12	69.1	61.9	7.2	26.85	15.75	322.17	188.95

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: Rockland 13/SB/1 *Date:* 04/01/03
Analyst: JDV *Company:* HMMH

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
4714	12	87	79	30.8%	20.9%	306	30.8%	0.3222985	$2,584,550	11.76	$32,716

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
Receiver52	4	72.1	64.1			50.0			72.1	64.3	4	4	12	74.8	67.0	7.8	37.67	23.31	452.07	279.75
Receiver53	2	69.4	62.2			50.0			69.4	62.5	2	2	6	72.1	65.2	6.9	32.32	20.48	193.92	122.86
Receiver54	1	68.0	61.0			50.0			68.1	61.3	1	1	3	70.8	64.0	6.8	29.89	18.69	89.66	56.06
Receiver55	1	67.2	60.6			50.0			67.3	61.0	1	1	3	70.0	63.7	6.3	28.44	18.25	85.31	54.75

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **Rockland 14A/NB/1**

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
3950	10	64	61	28.4%	22.2%	321	0.2840	0.2183	$1,928,000	10.3	$31,600
3950	12	64	72	28.4%	20.3%	321	0.2840	0.2842	$2,167,000	12.0	$30,100
3950	14	64	80	28.4%	19.0%	321	0.2840	0.3296	$2,407,000	12.5	$30,100
3950	16	64	81	28.4%	18.3%	321	0.2840	0.3572	$2,646,000	12.3	$32,700
3950	18	64	83	28.4%	17.6%	321	0.2840	0.3819	$2,886,000	12.1	$34,800
3950	20	64	87	28.4%	16.8%	321	0.2840	0.4085	$3,126,000	11.9	$35,900
3950	22	64	90	28.4%	16.2%	321	0.2840	0.4299	$3,365,000	11.6	$37,400
3950	24	64	90	28.4%	15.8%	321	0.2840	0.4440	$3,605,000	11.2	$40,100

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: Rockland 14A/NB/1 *Date:* 04/01/03
Analyst: JDV *Company:* HMMH

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
3945	14	64	80	28.4%	19.0%	321	28.4%	0.3296213	$2,406,905	12.48	$30,086

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
Receiver1	2	67.3	59.8			50.0			67.4	60.2	2	2	6	70.0	62.8	7.2	28.44	16.98	170.62	101.86
Receiver2"	3	66.4	63.7			50.0			66.5	63.9	3	0	9	69.1	66.5	2.6	26.85	22.51	241.62	241.62
Receiver4"	9	61.1	58.8			50.0			61.4	59.3	0	0	27	64.0	61.9	2.1	18.69	15.75	504.54	504.54
Receiver5"	3	65.5	61.6			50.0			65.6	61.9	3	0	9	68.2	64.5	3.7	25.30	19.42	227.72	227.72
Receiver6"	1	63.8	57.9			50.0			64.0	58.6	0	1	3	66.6	61.2	5.4	22.67	14.82	68.00	44.46
Receiver7"	4	63.1	57.9			50.0			63.3	58.6	0	4	12	65.9	61.2	4.7	21.56	14.82	258.70	177.83
Receiver8"	2	65.1	59.5			50.0			65.2	60.0	0	2	6	67.8	62.6	5.2	24.63	16.70	147.78	100.19
Receiver1(	2	63.5	59.1			50.0			63.7	59.6	0	0	6	66.3	62.2	4.1	22.19	16.15	133.13	133.13
Receiver11	2	71.4	60.9			50.0			71.4	61.2	2	2	6	74.0	63.8	10.2	36.04	18.40	216.27	110.38
Receiver1:	1	66.5	57.3			50.0			66.6	58.0	1	1	3	69.2	60.6	8.6	27.02	14.05	81.06	42.14
Receiver13	1	64.9	57.6			50.0			65.0	58.3	0	1	3	67.6	60.9	6.7	24.30	14.43	72.89	43.29
Receiver14	2	69.4	63.9			50.0			69.4	64.1	2	2	6	72.0	66.7	5.3	32.13	22.83	192.78	136.96
Receiver15	2	69.7	58.4			50.0			69.7	59.0	2	2	6	72.3	61.6	10.7	32.70	15.35	196.22	92.07
Receiver16	1	68.0	59.2			50.0			68.1	59.7	1	1	3	70.7	62.3	8.4	29.70	16.29	89.11	48.86
Receiver17	1	64.8	57.2			50.0			64.9	58.0	0	1	3	67.5	60.6	6.9	24.13	14.05	72.40	42.14
Receiver18	1	66.0	59.3			50.0			66.1	59.8	1	1	3	68.7	62.4	6.3	26.16	16.42	78.47	49.27
Receiver19	3	63.2	56.4			50.0			63.4	57.3	0	3	9	66.0	59.9	6.1	21.72	13.17	195.44	118.54
Receiver2(	1	68.0	65.0			50.0			68.1	65.1	1	0	3	70.7	67.7	3.0	29.70	24.46	89.11	89.11
Receiver21	1	65.1	62.3			50.0			65.2	62.5	0	0	3	67.8	65.1	2.7	24.63	20.32	73.89	73.89
Receiver23	3	64.0	61.9			50.0			64.2	62.2	0	0	9	66.8	64.8	2.0	22.99	19.87	206.90	206.90
Receiver25	2	68.3	62.6			50.0			68.4	62.8	2	2	6	71.0	65.4	5.6	30.26	20.78	181.53	124.70
Receiver26	2	64.4	61.8			50.0			64.6	62.1	0	0	6	67.2	64.7	2.5	23.64	19.72	141.83	141.83
Receiver27	4	63.2	58.2			50.0			63.4	58.8	0	4	12	66.0	61.4	4.6	21.72	15.08	260.58	180.97
Receiver28	2	68.4	62.5			50.0			68.5	62.7	2	2	6	71.1	65.3	5.8	30.44	20.63	182.64	123.78
Receiver29	2	65.6	62.7			50.0			65.7	62.9	2	0	6	68.3	65.5	2.8	25.47	20.94	152.83	152.83
Receiver3(	1	67.9	63.6			50.0			68.0	63.8	1	0	3	70.6	66.4	4.2	29.52	22.35	88.56	88.56
Receiver31	3	66.0	59.6			50.0			66.1	60.1	3	3	9	68.7	62.7	6.0	26.16	16.84	235.40	151.53
Receiver3:	1	69.5	63.0			50.0			69.5	63.2	1	1	3	72.1	65.8	6.3	32.32	21.40	96.96	64.21
Receiver33	1	72.1	63.5			50.0			72.1	63.7	1	1	3	74.7	66.3	8.4	37.47	22.19	112.40	66.57
Receiver34	1	71.0	62.6			50.0			71.0	62.8	1	1	3	73.6	65.4	8.2	35.24	20.78	105.73	62.35
Receiver35	0	66.4	57.9			50.0			66.5	58.6	0	0	0	69.1	61.2	7.9	26.85	14.82	0.00	0.00
Receiver36	0	65.8	57.1			50.0			65.9	57.9	0	0	0	68.5	60.5	8.0	25.81	13.92	0.00	0.00
Receiver37	1	69.6	59.9			50.0			69.6	60.3	1	1	3	72.2	62.9	9.3	32.51	17.12	97.53	51.35
Receiver38	1	67.3	58.2			50.0			67.4	58.8	1	1	3	70.0	61.4	8.6	28.44	15.08	85.31	45.24
Receiver39	1	70.1	61.0			50.0			70.1	61.3	1	1	3	72.7	63.9	8.8	33.47	18.54	100.42	55.62
Receiver4(	1	70.6	60.6			50.0			70.6	61.0	1	1	3	73.2	63.6	9.6	34.45	18.11	103.36	54.32
Receiver41	2	72.7	62.1			50.0			72.7	62.4	2	2	6	75.3	65.0	10.3	38.71	20.17	232.25	121.04
Receiver4:	1	68.7	59.3			50.0			68.8	59.8	1	1	3	71.4	62.4	9.0	31.00	16.42	93.00	49.27
Receiver44	1	74.1	63.3			50.0			74.1	63.5	1	1	3	76.7	66.1	10.6	41.68	21.87	125.04	65.62
Receiver46	3	72.0	60.8			50.0			72.0	61.1	3	3	9	74.6	63.7	10.9	37.26	18.25	335.36	164.26
Receiver48	1	71.8	62.7			50.0			71.8	62.9	1	1	3	74.4	65.5	8.9	36.85	20.94	110.56	62.81
Receiver49	1	74.6	65.5			50.0			74.6	65.6	1	1	3	77.2	68.2	9.0	42.77	25.30	128.31	75.91
Receiver5(	1	79.9	69.3			50.0			79.9	69.4	1	1	3	82.5	72.0	10.5	55.15	32.13	165.46	96.39

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: Rockland 14A/NB/1 *Date:* 04/01/03
Analyst: JDV *Company:* HMMH

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
3945	14	64	80	28.4%	19.0%	321	28.4%	0.3296213	$2,406,905	12.48	$30,086

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
Receiver51	2	66.8	56.8			50.0			66.9	57.6	2	2	6	69.5	60.2	9.3	27.55	13.54	165.29	81.26
Receiver52	2	68.7	59.3			50.0			68.8	59.8	2	2	6	71.4	62.4	9.0	31.00	16.42	185.99	98.54
Receiver53	2	71.6	63.1			50.0			71.6	63.3	2	2	6	74.2	65.9	8.3	36.45	21.56	218.69	129.35
Receiver54	2	74.1	64.7			50.0			74.1	64.8	2	2	6	76.7	67.4	9.3	41.68	23.97	250.09	143.80
Receiver55	5	65.1	55.5			50.0			65.2	56.6	0	5	15	67.8	59.2	8.6	24.63	12.32	369.45	184.84
Receiver56	2	67.9	61.0			50.0			68.0	61.3	2	2	6	70.6	63.9	6.7	29.52	18.54	177.13	111.25
Receiver59	2	70.2	62.0			50.0			70.2	62.3	2	2	6	72.8	64.9	7.9	33.67	20.02	202.02	120.13
Receiver60	5	63.0	55.4			50.0			63.2	56.5	0	5	15	65.8	59.1	6.7	21.40	12.20	321.04	183.06
Receiver63	1	78.9	67.0			50.0			78.9	67.1	1	1	3	81.5	69.7	11.8	52.70	27.90	158.10	83.71
Receiver64	1	75.3	65.4			50.0			75.3	65.5	1	1	3	77.9	68.1	9.8	44.32	25.13	132.95	75.40
Receiver65	1	73.1	64.2			50.0			73.1	64.4	1	1	3	75.7	67.0	8.7	39.55	23.31	118.64	69.94
Receiver66	1	70.4	62.7			50.0			70.4	62.9	1	1	3	73.0	65.5	7.5	34.06	20.94	102.18	62.81
Receiver67	1	68.4	62.6			50.0			68.5	62.8	1	1	3	71.1	65.4	5.7	30.44	20.78	91.32	62.35
Receiver68	2	67.3	62.0			50.0			67.4	62.3	2	2	6	70.0	64.9	5.1	28.44	20.02	170.62	120.13

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **Rockland 15/SB/1**

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
2990	10	80	43	31.2%	27.2%	300	0.3116	0.1273	$1,488,000	8.0	$34,600
2990	12	80	45	31.2%	26.7%	300	0.3116	0.1429	$1,675,000	8.0	$37,200
2990	14	80	51	31.2%	26.0%	300	0.3116	0.1653	$1,862,000	8.3	$36,500
2990	16	80	54	31.2%	25.6%	300	0.3116	0.1788	$2,048,000	8.2	$37,900
2990	18	80	54	31.2%	25.4%	300	0.3116	0.1852	$2,235,000	7.7	$41,400
2990	20	80	63	31.2%	24.5%	300	0.3116	0.2132	$2,422,000	8.2	$38,400
2990	22	80	63	31.2%	24.4%	300	0.3116	0.2175	$2,609,000	7.8	$41,400
2990	24	80	63	31.2%	24.2%	300	0.3116	0.2218	$2,796,000	7.4	$44,400

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: Rockland 15/SB/1 *Date:* 07/02/03
Analyst: JDV *Company:* HMMH

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
2993	14	80	51	31.2%	26.0%	300	31.2%	0.1652999	$1,861,635	8.30	$36,503

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
Receiver1	3	70.7	68.4			50.0			70.7	68.5	3	0	9	73.9	71.7	2.2	35.84	31.56	322.59	322.59
Receiver2"	2	69.1	64.7			50.0			69.2	64.8	2	0	6	72.4	68.0	4.4	32.90	24.97	197.37	197.37
Receiver3"	1	71.8	69.6			50.0			71.8	69.6	1	0	3	75.0	72.8	2.2	38.09	33.67	114.26	114.26
Receiver4"	5	71.4	68.7			50.0			71.4	68.8	5	0	15	74.6	72.0	2.6	37.26	32.13	558.94	558.94
Receiver5"	2	72.1	69.9			50.0			72.1	69.9	2	0	6	75.3	73.1	2.2	38.71	34.26	232.25	232.25
Receiver6"	5	63.4	58.1			50.0			63.6	58.7	0	5	15	66.8	61.9	4.9	22.99	15.75	344.83	236.18
Receiver7"	1	63.3	58.1			50.0			63.5	58.7	0	1	3	66.7	61.9	4.8	22.83	15.75	68.48	47.24
Receiver8"	1	63.5	58.4			50.0			63.7	59.0	0	1	3	66.9	62.2	4.7	23.15	16.15	69.45	48.45
Receiver9"	4	62.6	61.8			50.0			62.8	62.1	0	0	12	66.0	65.3	0.7	21.72	20.63	260.58	260.58
Receiver1(	2	70.1	67.4			50.0			70.1	67.5	2	0	6	73.3	70.7	2.6	34.65	29.70	207.90	207.90
Receiver11	6	66.0	59.6			50.0			66.1	60.1	6	6	18	69.3	63.3	6.0	27.20	17.68	489.54	318.23
Receiver12	2	70.8	62.3			50.0			70.8	62.5	2	2	6	74.0	65.7	8.3	36.04	21.25	216.27	127.48
Receiver13	2	70.3	67.8			50.0			70.3	67.9	2	0	6	73.5	71.1	2.4	35.05	30.44	210.27	210.27
Receiver14	2	70.2	62.5			50.0			70.2	62.7	2	2	6	73.4	65.9	7.5	34.85	21.56	209.08	129.35
Receiver15	8	69.7	67.1			50.0			69.7	67.2	8	0	24	72.9	70.4	2.5	33.86	29.16	812.74	812.74
Receiver16	1	69.2	67.1			50.0			69.3	67.2	1	0	3	72.5	70.4	2.1	33.09	29.16	99.26	99.26
Receiver17	2	65.4	59.7			50.0			65.5	60.1	0	2	6	68.7	63.3	5.4	26.16	17.68	156.93	106.08
Receiver18	3	70.8	63.7			50.0			70.8	63.9	3	3	9	74.0	67.1	6.9	36.04	23.48	324.40	211.28
Receiver19	3	69.3	63.6			50.0			69.4	63.8	3	3	9	72.6	67.0	5.6	33.28	23.31	299.53	209.81
Receiver2(	1	65.4	61.5			50.0			65.5	61.8	0	0	3	68.7	65.0	3.7	26.16	20.17	78.47	78.47
Receiver21	1	65.2	60.5			50.0			65.3	60.9	0	0	3	68.5	64.1	4.4	25.81	18.83	77.44	77.44
Receiver22	1	65.2	59.7			50.0			65.3	60.1	0	1	3	68.5	63.3	5.2	25.81	17.68	77.44	53.04
Receiver23	2	64.4	58.1			50.0			64.6	58.7	0	2	6	67.8	61.9	5.9	24.63	15.75	147.78	94.47
Receiver24	9	68.3	64.3			50.0			68.4	64.5	9	0	27	71.6	67.7	3.9	31.37	24.46	847.09	847.09
Receiver25	4	70.3	67.4			50.0			70.3	67.5	4	0	12	73.5	70.7	2.8	35.05	29.70	420.54	420.54
Receiver26	2	65.2	59.3			50.0			65.3	59.8	0	2	6	68.5	63.0	5.5	25.81	17.26	154.87	103.53
Receiver27	2	70.9	67.5			50.0			70.9	67.6	2	0	6	74.1	70.8	3.3	36.25	29.89	217.48	217.48
Receiver28	1	66.4	60.4			50.0			66.5	60.8	1	1	3	69.7	64.0	5.7	27.90	18.69	83.71	56.06
Receiver29	2	66.1	59.9			50.0			66.2	60.3	2	2	6	69.4	63.5	5.9	27.37	17.96	164.23	107.79
Receiver3(	2	66.6	60.0			50.0			66.7	60.4	2	2	6	69.9	63.6	6.3	28.26	18.11	169.55	108.65
Receiver31	2	67.0	60.2			50.0			67.1	60.6	2	2	6	70.3	63.8	6.5	28.98	18.40	173.86	110.38
Receiver32	2	71.4	67.4			50.0			71.4	67.5	2	0	6	74.6	70.7	3.9	37.26	29.70	223.57	223.57
Receiver33	1	67.5	60.6			50.0			67.6	61.0	1	1	3	70.8	64.2	6.6	29.89	18.98	89.66	56.94
Receiver34	2	71.2	66.1			50.0			71.2	66.2	2	2	6	74.4	69.4	5.0	36.85	27.37	221.13	164.23
Receiver35	2	69.5	63.0			50.0			69.5	63.2	2	2	6	72.7	66.4	6.3	33.47	22.35	200.85	134.08
Receiver36	1	70.2	61.5			50.0			70.2	61.8	1	1	3	73.4	65.0	8.4	34.85	20.17	104.54	60.52
Receiver37	1	68.2	61.2			50.0			68.3	61.5	1	1	3	71.5	64.7	6.8	31.19	19.72	93.56	59.16
Receiver38	1	68.0	60.9			50.0			68.1	61.2	1	1	3	71.3	64.4	6.9	30.81	19.27	92.44	57.82
Receiver39	1	67.3	60.4			50.0			67.4	60.8	1	1	3	70.6	64.0	6.6	29.52	18.69	88.56	56.06
Receiver4(	5	66.7	59.7			50.0			66.8	60.1	5	5	15	70.0	63.3	6.7	28.44	17.68	426.55	265.19

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML Exit 16 SB 2**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*	*ACHA*	*Terms in the Priority Index Equation*				*Priority*	*Cost*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*	*Index*	*per Res. Benefited*
3570	12	46	61	33.9%	20.2%	183	0.3391	0.4048	$1,972,000	12.7	$32,300
3570	14	46	61	33.9%	18.9%	183	0.3391	0.4439	$2,190,000	12.6	$35,900
3570	16	46	61	33.9%	17.9%	183	0.3391	0.4722	$2,409,000	12.2	$39,500
3570	18	46	61	33.9%	17.1%	183	0.3391	0.4955	$2,628,000	11.7	$43,100
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
3570	10	46	48	33.9%	23.2%	183	0.3391	0.3160	$1,753,000	11.2	$36,500
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: **ML Exit 16 SB 2** ***Date:*** 04/02/03
Analyst: JAV ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
3571	12	46	61	33.9%	20.2%	183	33.9%	0.40481	$1,971,937	12.74	$32,327

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
L1	1	69.8	61.7			50.0			69.8	62.0	1	1	3	73.2	65.4	7.8	34.45	20.78	103.36	62.35
L2"	2	73.0	62.9			50.0			73.0	63.1	2	2	6	76.4	66.5	9.9	41.04	22.51	246.21	135.04
L3"	3	63.7	58.2			50.0			63.9	58.8	0	3	9	67.3	62.2	5.1	23.80	16.15	214.22	145.36
L4"	1	70.4	60.9			50.0			70.4	61.2	1	1	3	73.8	64.6	9.2	35.64	19.57	106.93	58.72
L5"	1	71.4	61.4			50.0			71.4	61.7	1	1	3	74.8	65.1	9.7	37.67	20.32	113.02	60.97
L6"	1	72.9	62.7			50.0			72.9	62.9	1	1	3	76.3	66.3	10.0	40.82	22.19	122.46	66.57
L7"	3	64.2	58.1			50.0			64.4	58.7	0	3	9	67.8	62.1	5.7	24.63	16.02	221.67	144.14
L8"	2	67.3	59.4			50.0			67.4	59.9	2	2	6	70.8	63.3	7.5	29.89	17.68	179.32	106.08
L11"	1	64.5	59.7			50.0			64.7	60.1	0	1	3	68.1	63.5	4.6	25.13	17.96	75.40	53.89
L12"	3	67.6	60.1			50.0			67.7	60.5	3	3	9	71.1	63.9	7.2	30.44	18.54	273.97	166.87
L13"	1	67.3	59.6			50.0			67.4	60.1	1	1	3	70.8	63.5	7.3	29.89	17.96	89.66	53.89
L14"	2	71.8	62.9			50.0			71.8	63.1	2	2	6	75.2	66.5	8.7	38.50	22.51	231.00	135.04
L15"	3	66.1	60.6			50.0			66.2	61.0	3	3	9	69.6	64.4	5.2	27.72	19.27	249.52	173.47
L16"	2	64.0	57.1			50.0			64.2	57.9	0	2	6	67.6	61.3	6.3	24.30	14.95	145.78	89.70
L17"	3	66.5	58.5			50.0			66.6	59.1	3	3	9	70.0	62.5	7.5	28.44	16.56	255.93	149.05
L18"	2	69.6	60.1			50.0			69.6	60.5	2	2	6	73.0	63.9	9.1	34.06	18.54	204.36	111.25
L19"	1	69.4	60.0			50.0			69.4	60.4	1	1	3	72.8	63.8	9.0	33.67	18.40	101.01	55.19
L20"	1	67.6	59.4			50.0			67.7	59.9	1	1	3	71.1	63.3	7.8	30.44	17.68	91.32	53.04
L21"	1	73.1	62.9			50.0			73.1	63.1	1	1	3	76.5	66.5	10.0	41.25	22.51	123.75	67.52
L22"	2	73.0	64.4			50.0			73.0	64.6	2	2	6	76.4	68.0	8.4	41.04	24.97	246.21	149.79
L23"	3	69.9	63.1			50.0			69.9	63.3	3	3	9	73.3	66.7	6.6	34.65	22.83	311.84	205.45
L24"	2	76.7	66.6			50.0			76.7	66.7	2	2	6	80.1	70.1	10.0	49.35	28.62	296.12	171.70
L25"	1	69.2	60.0			50.0			69.3	60.4	1	1	3	72.7	63.8	8.9	33.47	18.40	100.42	55.19
L26"	2	75.9	66.2			50.0			75.9	66.3	2	2	6	79.3	69.7	9.6	47.49	27.90	284.94	167.41
L27"	3	76.5	64.4			50.0			76.5	64.6	3	3	9	79.9	68.0	11.9	48.88	24.97	439.96	224.69
L28"	3	68.9	62.2			50.0			69.0	62.5	3	3	9	72.4	65.9	6.5	32.90	21.56	296.06	194.03
L29"	2	73.6	63.3			50.0			73.6	63.5	2	2	6	77.0	66.9	10.1	42.33	23.15	254.00	138.90
L30"	2	74.5	63.8			50.0			74.5	64.0	2	2	6	77.9	67.4	10.5	44.32	23.97	265.90	143.80
L31"	1	77.2	65.6			50.0			77.2	65.7	1	1	3	80.6	69.1	11.5	50.54	26.85	151.61	80.54
L32"	3	62.6	57.2			50.0			62.8	58.0	0	3	9	66.2	61.4	4.8	22.03	15.08	198.27	135.73
L33"	3	63.5	57.5			50.0			63.7	58.2	0	3	9	67.1	61.6	5.5	23.48	15.35	211.28	138.11

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML Exit 16 SB 1**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA No Barrier*	*ACHA With Barrier*	*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*			*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
3820	12	14	97	23.8%	14.9%	330	0.2375	0.3734	$2,081,000	14.1	$21,500
3820	14	14	99	23.8%	14.3%	330	0.2375	0.3984	$2,311,000	13.5	$23,300
3820	16	14	103	23.8%	13.7%	330	0.2375	0.4247	$2,540,000	13.1	$24,700
3820	18	14	109	23.8%	13.0%	330	0.2375	0.4535	$2,769,000	12.8	$25,400
3820	20	14	109	23.8%	12.7%	330	0.2375	0.4670	$2,998,000	12.2	$27,500
3820	22	14	109	23.8%	12.4%	330	0.2375	0.4791	$3,227,000	11.6	$29,600
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: **ML Exit 16 SB 1** ***Date:*** 04/02/03
Analyst: JAV ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
3819	12	14	97	23.8%	14.9%	330	23.8%	0.3734418	$2,081,445	14.06	$21,458

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
M1	1	61.4	58.3			50.0			61.7	58.9	0	0	3	65.0	62.2	2.8	20.17	16.15	60.52	60.52
M2"	1	63.5	56.7			50.0			63.7	57.5	0	1	3	67.0	60.8	6.2	23.31	14.30	69.94	42.91
M3"	1	65.4	57.0			50.0			65.5	57.8	0	1	3	68.8	61.1	7.7	26.33	14.69	78.98	44.07
M4"	2	64.2	58.0			50.0			64.4	58.6	0	2	6	67.7	61.9	5.8	24.46	15.75	146.78	94.47
M5"	2	64.0	56.1			50.0			64.2	57.1	0	2	6	67.5	60.4	7.1	24.13	13.79	144.79	82.76
M6"	3	61.6	57.9			50.0			61.9	58.6	0	0	9	65.2	61.9	3.3	20.48	15.75	184.30	184.30
M7"	3	61.9	57.9			50.0			62.2	58.6	0	0	9	65.5	61.9	3.6	20.94	15.75	188.44	188.44
M8"	2	63.3	55.8			50.0			63.5	56.8	0	2	6	66.8	60.1	6.7	22.99	13.42	137.93	80.51
M9"	3	61.8	58.1			50.0			62.1	58.7	0	0	9	65.4	62.0	3.4	20.78	15.88	187.05	187.05
M10"	2	62.4	55.0			50.0			62.6	56.2	0	2	6	65.9	59.5	6.4	21.56	12.68	129.35	76.10
M11"	2	63.2	55.5			50.0			63.4	56.6	0	2	6	66.7	59.9	6.8	22.83	13.17	136.96	79.03
M12"	3	63.7	58.1			50.0			63.9	58.7	0	3	9	67.2	62.0	5.2	23.64	15.88	212.75	142.92
M13"	2	61.6	54.4			50.0			61.9	55.7	0	2	6	65.2	59.0	6.2	20.48	12.09	122.86	72.51
M14"	1	61.8	53.7			50.0			62.1	55.2	0	1	3	65.4	58.5	6.9	20.78	11.50	62.35	34.50
M15"	3	64.8	57.3			50.0			64.9	58.0	0	3	9	68.2	61.3	6.9	25.30	14.95	227.72	134.55
M16"	1	62.7	58.4			50.0			62.9	59.0	0	0	3	66.2	62.3	3.9	22.03	16.29	66.09	66.09
M17"	4	62.6	55.1			50.0			62.8	56.3	0	4	12	66.1	59.6	6.5	21.87	12.80	262.47	153.65
M18"	3	64.0	55.2			50.0			64.2	56.3	0	3	9	67.5	59.6	7.9	24.13	12.80	217.19	115.24
M19"	1	67.2	59.4			50.0			67.3	59.9	1	1	3	70.6	63.2	7.4	29.52	17.54	88.56	52.61
M20"	2	64.6	56.8			50.0			64.7	57.6	0	2	6	68.0	60.9	7.1	24.97	14.43	149.79	86.58
M21"	3	62.8	54.4			50.0			63.0	55.7	0	3	9	66.3	59.0	7.3	22.19	12.09	199.70	108.77
M22"	3	64.2	55.9			50.0			64.4	56.9	0	3	9	67.7	60.2	7.5	24.46	13.54	220.17	121.89
M23"	2	64.4	56.5			50.0			64.6	57.4	0	2	6	67.9	60.7	7.2	24.80	14.17	148.78	85.05
M24"	3	63.9	55.4			50.0			64.1	56.5	0	3	9	67.4	59.8	7.6	23.97	13.05	215.70	117.44
M25"	2	64.5	56.7			50.0			64.7	57.5	0	2	6	68.0	60.8	7.2	24.97	14.30	149.79	85.81
M26"	2	63.7	55.0			50.0			63.9	56.2	0	2	6	67.2	59.5	7.7	23.64	12.68	141.83	76.10
M27"	2	64.7	56.2			50.0			64.8	57.1	0	2	6	68.1	60.4	7.7	25.13	13.79	150.80	82.76
M28"	3	61.0	54.2			50.0			61.3	55.6	0	3	9	64.6	58.9	5.7	19.57	11.97	176.15	107.71
M29"	1	65.4	57.0			50.0			65.5	57.8	0	1	3	68.8	61.1	7.7	26.33	14.69	78.98	44.07
M30"	3	63.2	55.2			50.0			63.4	56.3	0	3	9	66.7	59.6	7.1	22.83	12.80	205.45	115.24
M31"	2	62.6	57.8			50.0			62.8	58.5	0	0	6	66.1	61.8	4.3	21.87	15.61	131.23	131.23
M32"	3	59.0	53.2			50.0			59.5	54.9	0	3	9	62.8	58.2	4.6	16.98	11.16	152.79	100.42
M33"	2	63.4	55.0			50.0			63.6	56.2	0	2	6	66.9	59.5	7.4	23.15	12.68	138.90	76.10
M34"	3	64.9	57.0			50.0			65.0	57.8	0	3	9	68.3	61.1	7.2	25.47	14.69	229.25	132.20
M35"	3	63.0	55.4			50.0			63.2	56.5	0	3	9	66.5	59.8	6.7	22.51	13.05	202.56	117.44
M36"	3	61.8	54.4			50.0			62.1	55.7	0	3	9	65.4	59.0	6.4	20.78	12.09	187.05	108.77
M37"	3	63.9	56.5			50.0			64.1	57.4	0	3	9	67.4	60.7	6.7	23.97	14.17	215.70	127.57
M38"	3	65.8	57.5			50.0			65.9	58.2	3	3	9	69.2	61.5	7.7	27.02	15.21	243.19	136.92
M39"	2	66.4	58.0			50.0			66.5	58.6	2	2	6	69.8	61.9	7.9	28.08	15.75	168.48	94.47
M40"	1	68.2	59.6			50.0			68.3	60.1	1	1	3	71.6	63.4	8.2	31.37	17.82	94.12	53.46
M41"	1	70.4	61.5			50.0			70.4	61.8	1	1	3	73.7	65.1	8.6	35.44	20.32	106.33	60.97
M42"	3	63.5	56.5			50.0			63.7	57.4	0	3	9	67.0	60.7	6.3	23.31	14.17	209.81	127.57
M43"	3	62.5	56.2			50.0			62.7	57.1	0	3	9	66.0	60.4	5.6	21.72	13.79	195.44	124.15
M44"	2	66.0	58.1			50.0			66.1	58.7	2	2	6	69.4	62.0	7.4	27.37	15.88	164.23	95.28
M45"	1	68.1	60.0			50.0			68.2	60.4	1	1	3	71.5	63.7	7.8	31.19	18.25	93.56	54.75
M46"	3	63.6	56.9			50.0			63.8	57.7	0	3	9	67.1	61.0	6.1	23.48	14.56	211.28	131.04
M47"	2	64.2	57.2			50.0			64.4	58.0	0	2	6	67.7	61.3	6.4	24.46	14.95	146.78	89.70
M48"	2	69.6	60.8			50.0			69.6	61.1	2	2	6	72.9	64.4	8.5	33.86	19.27	203.19	115.65
M49"	1	72.2	62.5			50.0			72.2	62.7	1	1	3	75.5	66.0	9.5	39.13	21.72	117.38	65.15
M50"	1	62.5	57.3			50.0			62.7	58.0	0	1	3	66.0	61.3	4.7	21.72	14.95	65.15	44.85

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML Exit 15A NB 1**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*	*ACHA*	*Terms in the Priority Index Equation*				*Priority*	*Cost*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*	*Index*	*per Res. Benefited*
3280	11.67	54	55	31.8%	19.8%	174	0.3184	0.3788	$1,771,000	11.8	$32,200
3480	12.99	54	58	31.8%	17.8%	174	0.3184	0.4406	$2,019,000	12.1	$34,800
3480	14.99	54	58	31.8%	17.1%	174	0.3184	0.4618	$2,231,000	11.5	$38,500
3480	16.99	54	58	31.8%	16.4%	174	0.3184	0.4838	$2,443,000	11.0	$42,100
3480	18.99	54	58	31.8%	15.8%	174	0.3184	0.5038	$2,655,000	10.5	$45,800
3480	20.99	54	58	31.8%	15.2%	174	0.3184	0.5222	$2,867,000	10.1	$49,400
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: **ML Exit 15A NB 1** ***Date:*** 04/02/03
Analyst: JAV ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
3475	12.99	54	58	31.8%	17.8%	174	31.8%	0.4405916	$2,019,462	12.09	$34,818

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA						
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar. / w/ Bar.
N1	1	67.5	61.2			50.0			67.6	61.5	1	1	3	70.5	64.4	6.1	29.34	19.27	88.02 / 57.82
N2"	1	66.7	60.2			50.0			66.8	60.6	1	1	3	69.7	63.5	6.2	27.90	17.96	83.71 / 53.89
N3"	1	65.5	59.9			50.0			65.6	60.3	1	1	3	68.5	63.2	5.3	25.81	17.54	77.44 / 52.61
N4"	1	70.5	62.4			50.0			70.5	62.6	1	1	3	73.4	65.5	7.9	34.85	20.94	104.54 / 62.81
N5"	2	67.1	60.5			50.0			67.2	60.9	2	2	6	70.1	63.8	6.3	28.62	18.40	171.70 / 110.38
N6"	1	74.0	64.2			50.0			74.0	64.4	1	1	3	76.9	67.3	9.6	42.11	23.80	126.34 / 71.41
N7"	2	67.7	61.0			50.0			67.8	61.3	2	2	6	70.7	64.2	6.5	29.70	18.98	178.23 / 113.88
N8"	1	70.6	61.9			50.0			70.6	62.2	1	1	3	73.5	65.1	8.4	35.05	20.32	105.14 / 60.97
N9"	2	69.2	61.9			50.0			69.3	62.2	2	2	6	72.2	65.1	7.1	32.51	20.32	195.07 / 121.95
N10"	1	67.8	61.7			50.0			67.9	62.0	1	1	3	70.8	64.9	5.9	29.89	20.02	89.66 / 60.07
N11"	2	70.5	62.4			50.0			70.5	62.6	2	2	6	73.4	65.5	7.9	34.85	20.94	209.08 / 125.62
N12"	2	72.6	61.8			50.0			72.6	62.1	2	2	6	75.5	65.0	10.5	39.13	20.17	234.76 / 121.04
N13"	2	68.6	61.4			50.0			68.7	61.7	2	2	6	71.6	64.6	7.0	31.37	19.57	188.24 / 117.43
N14"	2	68.1	62.4			50.0			68.2	62.6	2	2	6	71.1	65.5	5.6	30.44	20.94	182.64 / 125.62
N15"	2	67.6	60.2			50.0			67.7	60.6	2	2	6	70.6	63.5	7.1	29.52	17.96	177.13 / 107.79
N16"	3	67.1	59.8			50.0			67.2	60.2	3	3	9	70.1	63.1	7.0	28.62	17.40	257.55 / 156.57
N17"	3	65.8	57.2			50.0			65.9	58.0	3	3	9	68.8	60.9	7.9	26.33	14.43	236.95 / 129.88
N18"	1	65.0	55.8			50.0			65.1	56.8	0	1	3	68.0	59.7	8.3	24.97	12.93	74.90 / 38.78
N19"	3	65.0	56.9			50.0			65.1	57.7	0	3	9	68.0	60.6	7.4	24.97	14.05	224.69 / 126.42
N20"	3	65.8	57.1			50.0			65.9	57.9	3	3	9	68.8	60.8	8.0	26.33	14.30	236.95 / 128.72
N21"	3	66.5	55.4			50.0			66.6	56.5	3	3	9	69.5	59.4	10.1	27.55	12.56	247.93 / 113.06
N22"	3	69.0	60.8			50.0			69.1	61.1	3	3	9	72.0	64.0	8.0	32.13	18.69	289.17 / 168.18
N23"	3	67.2	57.0			50.0			67.3	57.8	3	3	9	70.2	60.7	9.5	28.80	14.17	259.17 / 127.57
N24"	3	74.3	62.0			50.0			74.3	62.3	3	3	9	77.2	65.2	12.0	42.77	20.48	384.92 / 184.30
N25"	3	68.6	57.7			50.0			68.7	58.4	3	3	9	71.6	61.3	10.3	31.37	14.95	282.36 / 134.55
N26"	2	75.4	62.7			50.0			75.4	62.9	2	2	6	78.3	65.8	12.5	45.21	21.40	271.27 / 128.41
N27"	2	68.9	58.3			50.0			69.0	58.9	2	2	6	71.9	61.8	10.1	31.94	15.61	191.64 / 93.67
N28"	1	70.7	61.6			50.0			70.7	61.9	1	1	3	73.6	64.8	8.8	35.24	19.87	105.73 / 59.61
N29"	1	74.4	64.0			50.0			74.4	64.2	1	1	3	77.3	67.1	10.2	42.99	23.48	128.97 / 70.43
N30"	1	75.4	65.1			50.0			75.4	65.2	1	1	3	78.3	68.1	10.2	45.21	25.13	135.64 / 75.40

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **Exit 12/SB/1 - Bronx**

Length (feet)	Height (feet)	No. of Residences Impacted	Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
3220	10	307	242	29.5%	24.9%	1722	0.2949	0.1552	$1,560,000	50.5	$6,400
3220	12	307	253	29.5%	24.2%	1722	0.2949	0.1807	$1,753,000	52.3	$6,900
3220	14	307	256	29.5%	23.8%	1722	0.2949	0.1923	$1,946,000	50.2	$7,600
3220	16	307	256	29.5%	23.5%	1722	0.2949	0.2028	$2,139,000	48.1	$8,400
3220	18	307	256	29.5%	23.3%	1722	0.2949	0.2098	$2,332,000	45.7	$9,100
3220	20	307	274	29.5%	22.9%	1722	0.2949	0.2225	$2,525,000	44.7	$9,200
3220	22	307	274	29.5%	22.8%	1722	0.2949	0.2275	$2,718,000	42.5	$9,900
3220	24	307	274	29.5%	22.6%	1722	0.2949	0.2321	$2,911,000	40.5	$10,600

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: Exit 12/SB/1 - Bronx *Date:* 04/01/03
Analyst: MSN *Company:* HMMH

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
3217	12	307	253	29.5%	24.2%	1722	29.5%	0.1807154	$1,753,025	52.34	$6,929

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
O1A-Indoc	0	72.9	72.6			55.0			73.0	72.7	0	0	0	76.1	75.8	0.3	40.39	39.76	0.00	0.00
O1B-Indoc	0	75.8	75.4			55.0			75.8	75.4	0	0	0	78.9	78.5	0.4	46.57	45.66	0.00	0.00
O2 (O-M2	0	77.7	69.3			55.0			77.7	69.5	0	0	0	80.8	72.6	8.2	51.01	33.28	0.00	0.00
O3	150	71.7	65.1			55.0			71.8	65.5	150	150	450	74.9	68.6	6.3	37.88	25.98	17045.44	11692.54
O4	18	70.3	64.9			55.0			70.4	65.3	18	18	54	73.5	68.4	5.1	35.05	25.64	1892.45	1384.66
O5	12	70.7	63.5			55.0			70.8	64.1	12	12	36	73.9	67.2	6.7	35.84	23.64	1290.38	850.99
O6 (O-M3	4	73.4	64.0			55.0			73.5	64.5	4	4	12	76.6	67.6	9.0	41.47	24.30	497.58	291.57
O7	4	74.4	64.4			55.0			74.4	64.9	4	4	12	77.5	68.0	9.5	43.43	24.97	521.15	299.58
O8	6	72.4	62.7			55.0			72.5	63.4	6	6	18	75.6	66.5	9.1	39.34	22.51	708.05	405.12
O9	10	73.4	69.5			55.0			73.5	69.7	10	0	30	76.6	72.8	3.8	41.47	33.67	1243.96	1243.96
O10 (NE-I	10	74.7	70.0			55.0			74.7	70.1	10	10	30	77.8	73.2	4.6	44.09	34.45	1322.80	1033.57
O11	10	75.8	70.7			55.0			75.8	70.8	10	10	30	78.9	73.9	5.0	46.57	35.84	1397.18	1075.31
O12	9	74.0	67.0			55.0			74.1	67.3	9	9	27	77.2	70.4	6.8	42.77	29.16	1154.77	787.26
O13	21	76.8	70.5			55.0			76.8	70.6	21	21	63	79.9	73.7	6.2	48.88	35.44	3079.73	2232.94
O14 (O-M	4	76.8	69.9			55.0			76.8	70.0	4	4	12	79.9	73.1	6.8	48.88	34.26	586.61	411.07
O15	18	65.3	61.0			55.0			65.7	62.0	0	0	54	68.8	65.1	3.7	26.33	20.32	1421.67	1421.67
O16	4	66.5	64.0			55.0			66.8	64.5	4	0	12	69.9	67.6	2.3	28.26	24.30	339.10	339.10
O17	16	66.4	63.5			55.0			66.7	64.1	16	0	48	69.8	67.2	2.6	28.08	23.64	1347.82	1347.82
O18	18	58.7	55.5			55.0			60.2	58.3	0	0	54	63.3	61.4	1.9	17.68	15.08	954.68	954.68
O19-Chun	1	63.9	57.9			55.0			64.4	59.7	0	1	3	67.5	62.8	4.7	24.13	16.98	72.40	50.93
O20	2	68.3	60.2			55.0			68.5	61.3	2	2	6	71.6	64.4	7.2	31.37	19.27	188.24	115.65
O21	4	59.3	57.2			55.0			60.7	59.2	0	0	12	63.8	62.3	1.5	18.40	16.29	220.75	220.75
O22	10	59.0	56.7			55.0			60.5	58.9	0	0	30	63.6	62.0	1.6	18.11	15.88	543.23	543.23
O23	12	60.1	57.5			55.0			61.3	59.4	0	0	36	64.4	62.5	1.9	19.27	16.56	693.89	693.89
O24	4	61.6	58.4			55.0			62.5	60.0	0	0	12	65.6	63.1	2.5	21.09	17.40	253.10	253.10
O25	26	63.6	60.9			55.0			64.2	61.9	0	0	78	67.3	65.0	2.3	23.80	20.17	1856.59	1856.59
O26	10	64.0	61.8			55.0			64.5	62.6	0	0	30	67.6	65.7	1.9	24.30	21.25	728.92	728.92
O27	8	60.7	59.0			55.0			61.7	60.5	0	0	24	64.8	63.6	1.2	19.87	18.11	476.92	476.92
O28	3	63.8	63.3			55.0			64.3	63.9	0	0	9	67.4	67.0	0.4	23.97	23.31	215.70	215.70
O29	6	74.9	74.8			55.0			74.9	74.8	6	0	18	78.0	77.9	0.1	44.54	44.32	801.71	801.71
O30	4	75.8	75.7			55.0			75.8	75.7	4	0	12	78.9	78.8	0.1	46.57	46.34	558.87	558.87
O31	3	73.6	73.5			55.0			73.7	73.6	3	0	9	76.8	76.7	0.1	41.90	41.68	377.08	377.08
O32	1	61.7	60.5			55.0			62.5	61.6	0	0	3	65.6	64.7	0.9	21.09	19.72	63.28	63.28
O33	12	65.5	64.4			55.0			65.9	64.9	12	0	36	69.0	68.0	1.0	26.67	24.97	960.24	960.24
O34	8	57.5	54.4			55.0			59.4	57.7	0	0	24	62.5	60.8	1.7	16.56	14.30	397.46	397.46
O35	8	54.8	53.2			55.0			57.9	57.2	0	0	24	61.0	60.3	0.7	14.56	13.67	349.43	349.43
O36	1	62.6	58.6			55.0			63.3	60.2	0	0	3	66.4	63.3	3.1	22.35	17.68	67.04	67.04
O37	2	60.7	57.5			55.0			61.7	59.4	0	0	6	64.8	62.5	2.3	19.87	16.56	119.23	119.23
O38	3	62.6	61.5			55.0			63.3	62.4	0	0	9	66.4	65.5	0.9	22.35	20.94	201.13	201.13
O39	3	60.3	56.2			55.0			61.4	58.7	0	0	9	64.5	61.8	2.7	19.42	15.61	174.81	174.81
O40	3	63.7	58.2			55.0			64.2	59.9	0	0	9	67.3	63.0	4.3	23.80	17.26	214.22	214.22
O41	2	66.0	59.9			55.0			66.3	61.1	2	2	6	69.4	64.2	5.2	27.37	18.98	164.23	113.88
O42	3	54.1	53.5			55.0			57.6	57.3	0	0	9	60.7	60.4	0.3	14.17	13.79	127.57	127.57

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: Exit 12/SB/1 - Bronx
Analyst: MSN

Date: 04/01/03
Company: HMMH

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
3217	12	307	253	29.5%	24.2%	1722	29.5%	0.1807154	$1,753,025	52.34	$6,929

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
O43	6	54.3	53.3			55.0			57.7	57.2	0	0	18	60.8	60.3	0.5	14.30	13.67	257.44	257.44
O44	5	56.3	54.6			55.0			58.7	57.8	0	0	15	61.8	60.9	0.9	15.61	14.43	234.17	234.17
O45	2	60.9	57.7			55.0			61.9	59.6	0	0	6	65.0	62.7	2.3	20.17	16.84	121.04	121.04
O46-Indoc	8	51.8	51.0			55.0			56.7	56.5	0	0	24	59.8	59.6	0.2	13.05	12.80	313.16	313.16
O47	4	49.0	49.8			55.0			56.0	56.1	0	0	12	59.1	59.2	-0.1	12.20	12.32	146.45	146.45
O48	14	49.7	50.9			55.0			56.1	56.4	0	0	42	59.2	59.5	-0.3	12.32	12.68	517.56	517.56
O49	4	51.0	53.2			55.0			56.5	57.2	0	0	12	59.6	60.3	-0.7	12.80	13.67	153.65	153.65
O50	4	46.2	46.4			55.0			55.5	55.6	0	0	12	58.6	58.7	-0.1	11.62	11.73	139.40	139.40
O51	14	46.4	46.4			55.0			55.6	55.6	0	0	42	58.7	58.7	0.0	11.73	11.73	492.80	492.80
O52	4	51.5	51.4			55.0			56.6	56.6	0	0	12	59.7	59.7	0.0	12.93	12.93	155.11	155.11
O53	20	60.5	56.4			55.0			61.6	58.8	0	0	60	64.7	61.9	2.8	19.72	15.75	1183.29	1183.29
O54	2	59.8	58.7			55.0			61.0	60.2	0	0	6	64.1	63.3	0.8	18.83	17.68	113.00	113.00
O55	12	62.2	60.6			55.0			63.0	61.7	0	0	36	66.1	64.8	1.3	21.87	19.87	787.41	787.41
O56	2	63.1	62.3			55.0			63.7	63.0	0	0	6	66.8	66.1	0.7	22.99	21.87	137.93	137.93
O57	10	63.3	62.4			55.0			63.9	63.1	0	0	30	67.0	66.2	0.8	23.31	22.03	699.38	699.38
O58	10	63.2	62.2			55.0			63.8	63.0	0	0	30	66.9	66.1	0.8	23.15	21.87	694.51	694.51

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **NE Thruway Exit 16 SB-3**

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
2270	10	322	188	34.8%	29.9%	1431	0.3482	0.1405	$1,246,000	56.2	$6,600
2270	12	322	428	34.8%	24.5%	1431	0.3482	0.2974	$1,412,000	105.0	$3,300
2270	14	322	441	34.8%	23.2%	1431	0.3482	0.3337	$1,577,000	105.5	$3,600
2270	16	322	456	34.8%	22.3%	1431	0.3482	0.3594	$1,742,000	102.8	$3,800
2270	18	322	456	34.8%	21.8%	1431	0.3482	0.3740	$1,907,000	97.7	$4,200
2270	20	322	456	34.8%	21.2%	1431	0.3482	0.3923	$2,073,000	94.3	$4,500
2270	22	322	459	34.8%	20.8%	1431	0.3482	0.4038	$2,238,000	89.9	$4,900
2270	24	322	459	34.8%	20.3%	1431	0.3482	0.4161	$2,403,000	86.3	$5,200

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: NE Thruway Exit 16 SB-3 *Date:* 04/01/03
Analyst: CJB *Company:* HMMH

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
2269	14	322	441	34.8%	23.2%	1431	34.8%	0.3337451	$1,576,825	105.46	$3,576

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
P1 int	7	82.4	69.0			55.0			82.4	69.2	7	7	21	86.0	72.8	13.2	64.19	33.67	1347.93	707.06
P2	219	72.0	65.6			55.0			72.1	66.0	219	219	657	75.7	69.6	6.1	39.55	27.72	25982.12	18215.16
P3	4	65.8	61.0			55.0			66.1	62.0	0	0	12	69.7	65.6	4.1	27.90	21.09	334.82	334.82
P4	2	79.8	66.9			55.0			79.8	67.2	2	2	6	83.4	70.8	12.6	57.41	29.89	344.48	179.32
P5	3	79.4	66.2			55.0			79.4	66.5	3	3	9	83.0	70.1	12.9	56.40	28.62	507.63	257.55
P6	9	78.0	65.4			55.0			78.0	65.8	9	9	27	81.6	69.4	12.2	52.94	27.37	1429.43	739.05
P7	4	75.9	64.7			55.0			75.9	65.1	4	4	12	79.5	68.7	10.8	47.95	26.16	575.44	313.86
P8	3	73.9	63.4			55.0			74.0	64.0	3	3	9	77.6	67.6	10.0	43.65	24.30	392.85	218.68
P9	3	72.7	62.1			55.0			72.8	62.9	3	3	9	76.4	66.5	9.9	41.04	22.51	369.32	202.56
P10	4	69.8	61.6			55.0			69.9	62.5	4	4	12	73.5	66.1	7.4	35.05	21.87	420.54	262.47
P11	5	66.4	55.8			55.0			66.7	58.4	5	5	15	70.3	62.0	8.3	28.98	15.88	434.65	238.20
P12 int church	1	70.4	70.3			55.0			70.5	70.4	0	0	3	74.1	74.0	0.1	36.25	36.04	108.74	108.74
P13	1	72.2	72.0			55.0			72.3	72.1	1	0	3	75.9	75.7	0.2	39.97	39.55	119.91	119.91
P14 int school	1	60.9	58.0			55.0			61.9	59.8	0	0	3	65.5	63.4	2.1	20.94	17.82	62.81	62.81
P15 int school	1	60.6	59.4			55.0			61.7	60.7	0	0	3	65.3	64.3	1.0	20.63	19.13	61.89	61.89
P16	2	61.2	56.6			55.0			62.1	58.9	0	0	6	65.7	62.5	3.2	21.25	16.56	127.48	127.48
P17	3	61.2	55.6			55.0			62.1	58.3	0	0	9	65.7	61.9	3.8	21.25	15.75	191.22	191.22
P18	1	56.9	52.7			55.0			59.1	57.0	0	0	3	62.7	60.6	2.1	16.84	14.05	50.51	50.51
P19	7	58.9	52.9			55.0			60.4	57.1	0	0	21	64.0	60.7	3.3	18.69	14.17	392.42	392.42
P20	7	64.4	58.4			55.0			64.9	60.0	0	7	21	68.5	63.6	4.9	25.81	18.11	542.06	380.26
P21	6	63.8	56.8			55.0			64.3	59.0	0	6	18	67.9	62.6	5.3	24.80	16.70	446.35	300.58
P22	4	71.0	62.6			55.0			71.1	63.3	4	4	12	74.7	66.9	7.8	37.47	23.15	449.61	277.80
P23	4	65.8	58.4			55.0			66.1	60.0	0	4	12	69.7	63.6	6.1	27.90	18.11	334.82	217.29
P24	5	64.4	57.9			55.0			64.9	59.7	0	5	15	68.5	63.3	5.2	25.81	17.68	387.18	265.19
P25	4	64.2	57.0			55.0			64.7	59.1	0	4	12	68.3	62.7	5.6	25.47	16.84	305.66	202.05
P26	3	74.3	62.0			55.0			74.4	62.8	3	3	9	78.0	66.4	11.6	44.54	22.35	400.85	201.13
P27	5	69.7	61.8			55.0			69.8	62.6	5	5	15	73.4	66.2	7.2	34.85	22.03	522.71	330.45
P28	3	64.8	56.6			55.0			65.2	58.9	0	3	9	68.8	62.5	6.3	26.33	16.56	236.95	149.05
P29	5	64.6	56.8			55.0			65.1	59.0	0	5	15	68.7	62.6	6.1	26.16	16.70	392.33	250.48
P30	7	64.1	57.2			55.0			64.6	59.2	0	7	21	68.2	62.8	5.4	25.30	16.98	531.35	356.50
P31	2	75.4	63.4			55.0			75.4	64.0	2	2	6	79.0	67.6	11.4	46.80	24.30	280.81	145.78
P32	2	73.3	61.5			55.0			73.4	62.4	2	2	6	77.0	66.0	11.0	42.33	21.72	254.00	130.29
P33	3	62.3	51.1			55.0			63.0	56.5	0	3	9	66.6	60.1	6.5	22.67	13.42	204.00	120.77
P34	3	75.8	63.6			55.0			75.8	64.2	3	3	9	79.4	67.8	11.6	47.72	24.63	429.49	221.67
P35	3	73.8	61.5			55.0			73.9	62.4	3	3	9	77.5	66.0	11.5	43.43	21.72	390.86	195.44
P36	4	69.8	59.8			55.0			69.9	61.0	4	4	12	73.5	64.6	8.9	35.05	19.57	420.54	234.86
P37	2	68.4	58.2			55.0			68.6	59.9	2	2	6	72.2	63.5	8.7	32.51	17.96	195.07	107.79
P38	6	71.6	60.9			55.0			71.7	61.9	6	6	18	75.3	65.5	9.8	38.71	20.94	696.75	376.87
P39	6	70.6	60.5			55.0			70.7	61.6	6	6	18	74.3	65.2	9.1	36.65	20.48	659.72	368.59
P40	2	68.0	58.0			55.0			68.2	59.8	2	2	6	71.8	63.4	8.4	31.75	17.82	190.50	106.93

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: NE Thruway Exit 16 SB-3 *Date:* 04/01/03
Analyst: CJB *Company:* HMMH

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
2269	14	322	441	34.8%	23.2%	1431	34.8%	0.3337451	$1,576,825	105.46	$3,576

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
P41	11	66.9	59.0			55.0			67.2	60.5	11	11	33	70.8	64.1	6.7	29.89	18.83	986.29	621.49
P42	4	62.5	56.3			55.0			63.2	58.7	0	0	12	66.8	62.3	4.5	22.99	16.29	275.86	275.86
P43	10	63.5	56.1			55.0			64.1	58.6	0	10	30	67.7	62.2	5.5	24.46	16.15	733.91	484.52
P44	16	62.9	54.3			55.0			63.6	57.7	0	16	48	67.2	61.3	5.9	23.64	14.95	1134.65	717.60
P45 int church	1	70.9	59.3			55.0			71.0	60.7	0	1	3	74.6	64.3	10.3	37.26	19.13	111.79	57.38
P46	2	64.0	54.4			55.0			64.5	57.7	0	2	6	68.1	61.3	6.8	25.13	14.95	150.80	89.70
P47	8	64.2	55.4			55.0			64.7	58.2	0	8	24	68.3	61.8	6.5	25.47	15.61	611.32	374.68
P48	4	65.4	55.9			55.0			65.8	58.5	0	4	12	69.4	62.1	7.3	27.37	16.02	328.46	192.18
P49	4	62.5	53.7			55.0			63.2	57.4	0	4	12	66.8	61.0	5.8	22.99	14.56	275.86	174.72
P50	5	61.3	52.4			55.0			62.2	56.9	0	5	15	65.8	60.5	5.3	21.40	13.92	321.04	208.80
P51	1	61.7	55.3			55.0			62.5	58.2	0	0	3	66.1	61.8	4.3	21.87	15.61	65.62	65.62
P52	6	60.5	53.3			55.0			61.6	57.2	0	0	18	65.2	60.8	4.4	20.48	14.30	368.59	368.59
P53	5	68.1	59.5			55.0			68.3	60.8	5	5	15	71.9	64.4	7.5	31.94	19.27	479.10	289.12
P54	4	66.5	56.7			55.0			66.8	58.9	4	4	12	70.4	62.5	7.9	29.16	16.56	349.89	198.73
P55	2	65.6	56.5			55.0			66.0	58.8	0	2	6	69.6	62.4	7.2	27.72	16.42	166.35	98.54
P56	6	64.7	55.3			55.0			65.1	58.2	0	6	18	68.7	61.8	6.9	26.16	15.61	470.79	281.01
P57	6	62.6	54.7			55.0			63.3	57.9	0	6	18	66.9	61.5	5.4	23.15	15.21	416.70	273.83
P58 int	8	63.8	54.2			55.0			64.3	57.6	0	8	24	67.9	61.2	6.7	24.80	14.82	595.14	355.66
P59	4	63.1	53.4			55.0			63.7	57.3	0	4	12	67.3	60.9	6.4	23.80	14.43	285.63	173.17
P60	4	53.3	47.0			55.0			57.2	55.6	0	0	12	60.8	59.2	1.6	14.30	12.32	171.63	171.63
P-M1	0	75.9	66.8			55.0			75.9	67.1	0	0	0	79.5	70.7	8.8	47.95	29.70	0.00	0.00
P-M2	0	77.5	65.7			55.0			77.5	66.1	0	0	0	81.1	69.7	11.4	51.73	27.90	0.00	0.00
P-M3	0	65.7	55.8			55.0			66.1	58.4	0	0	0	69.7	62.0	7.7	27.90	15.88	0.00	0.00

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **NE Thruway Exit 16 SB-2**

Length (feet)	Height (feet)	No. of Residences Impacted	Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
3540	10	64	78	39.1%	29.1%	441	0.3907	0.2556	$1,723,000	25.6	$22,100
3540	12	64	79	39.1%	27.9%	441	0.3907	0.2870	$1,937,000	25.5	$24,500
3540	14	64	79	39.1%	26.9%	441	0.3907	0.3122	$2,151,000	25.0	$27,200
3540	16	64	85	39.1%	25.7%	441	0.3907	0.3410	$2,365,000	24.8	$27,800
3540	18	64	93	39.1%	24.5%	441	0.3907	0.3739	$2,579,000	25.0	$27,700
3540	20	64	114	39.1%	22.5%	441	0.3907	0.4237	$2,792,000	26.1	$24,500
3540	22	64	123	39.1%	21.4%	441	0.3907	0.4531	$3,006,000	26.0	$24,400
3540	24	64	125	39.1%	20.6%	441	0.3907	0.4734	$3,220,000	25.3	$25,800

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: NE Thruway Exit 16 SB-2 *Date:* 04/01/03
Analyst: CJB *Company:* HMMH

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
3535	20	64	114	39.1%	22.5%	441	39.1%	0.4236765	$2,792,445	26.14	$24,495

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
Q1 int	2	57.3	47.5			55.0			59.3	55.7	0	0	6	63.6	60.0	3.6	18.11	13.29	108.65	108.65
Q2 int	2	57.2	47.9			55.0			59.2	55.8	0	0	6	63.5	60.1	3.4	17.96	13.42	107.79	107.79
Q3 int	2	51.9	44.7			55.0			56.7	55.4	0	0	6	61.0	59.7	1.3	14.56	12.93	87.36	87.36
Q4 int	2	51.5	44.8			55.0			56.6	55.4	0	0	6	60.9	59.7	1.2	14.43	12.93	86.58	86.58
Q5 int	5	57.6	50.6			55.0			59.5	56.3	0	0	15	63.8	60.6	3.2	18.40	14.05	275.94	275.94
Q6	2	57.5	50.9			55.0			59.4	56.4	0	0	6	63.7	60.7	3.0	18.25	14.17	109.51	109.51
Q7 int	3	51.2	45.0			55.0			56.5	55.4	0	0	9	60.8	59.7	1.1	14.30	12.93	128.72	128.72
Q8 int	3	56.0	52.0			55.0	4.8	2.4	63.3	59.2	0	0	9	67.6	63.5	4.1	24.30	17.96	218.68	218.68
Q9	5	62.7	52.5			55.0			63.4	56.9	0	5	15	67.7	61.2	6.5	24.46	14.82	366.95	222.29
Q10	3	62.2	52.1			55.0			63.0	56.8	0	3	9	67.3	61.1	6.2	23.80	14.69	214.22	132.20
Q11 int	4	64.8	56.5			55.0			65.2	58.8	0	4	12	69.5	63.1	6.4	27.55	17.40	330.58	208.76
Q12 int	3	64.7	57.9			55.0			65.1	59.7	0	3	9	69.4	64.0	5.4	27.37	18.69	246.35	168.18
Q13 int	2	70.6	62.5			55.0			70.7	63.2	2	2	6	75.0	67.5	7.5	38.09	24.13	228.51	144.79
Q14 int	2	71.9	62.4			55.0			72.0	63.1	2	2	6	76.3	67.4	8.9	40.82	23.97	244.92	143.80
Q15 int	4	68.6	58.9			55.0	3.1	1.1	71.9	61.5	4	4	12	76.2	65.8	10.4	40.61	21.40	487.28	256.83
Q16	5	61.7	55.4			55.0			62.5	58.2	0	0	15	66.8	62.5	4.3	22.99	16.56	344.83	344.83
Q17	4	81.5	63.9			55.0			81.5	64.4	4	4	12	85.8	68.7	17.1	63.65	26.16	763.83	313.86
Q18	6	79.1	63.9			55.0			79.1	64.4	6	6	18	83.4	68.7	14.7	57.41	26.16	1033.43	470.79
Q19	7	74.0	60.4			55.0	3.2	1.1	77.3	62.6	7	7	21	81.6	66.9	14.7	52.94	23.15	1111.78	486.16
Q20	2	69.0	58.7			55.0	4.3	1.7	73.5	61.9	2	2	6	77.8	66.2	11.6	44.09	22.03	264.56	132.18
Q21	5	82.9	63.8			55.0	2.1	0.7	85.0	65.0	5	5	15	89.3	69.3	20.0	73.32	27.20	1099.87	407.95
Q22	5	74.1	60.0			55.0	4.3	1.8	78.5	62.8	5	5	15	82.8	67.1	15.7	55.90	23.48	838.54	352.13
Q23	5	81.4	63.3			55.0	3.4	1.1	84.8	65.0	5	5	15	89.1	69.3	19.8	72.75	27.20	1091.31	407.95
Q24 int	2	81.3	63.1			55.0	4.9	1.7	86.2	65.4	2	2	6	90.5	69.7	20.8	76.80	27.90	460.78	167.41
Q25 int	3	74.1	66.5			55.0	5.9	2.3	80.1	69.1	3	3	9	84.4	73.4	11.0	59.97	34.85	539.77	313.62
Q26	2	81.4	65.2			55.0	6.3	2.3	87.7	67.9	2	2	6	92.0	72.2	19.8	81.25	32.51	487.50	195.07
Q27	1	67.6	64.6			55.0	7.8	3.4	75.6	68.5	1	1	3	79.9	72.8	7.1	48.88	33.67	146.65	101.01
Q28	3	64.0	62.7			55.0	8.2	3.7	72.7	67.1	0	3	9	77.0	71.4	5.6	42.33	31.00	380.99	278.99
Q29	1	56.4	53.1			55.0	7.5	3.7	66.3	60.9	0	1	3	70.6	65.2	5.4	29.52	20.48	88.56	61.43
Q30	6	55.4	51.4			55.0	7.3	3.6	65.5	60.2	0	6	18	69.8	64.5	5.3	28.08	19.42	505.43	349.62
Q31	2	53.9	50.3			55.0	5.1	2.5	62.6	58.8	0	0	6	66.9	63.1	3.8	23.15	17.40	138.90	138.90
Q32	4	53.0	49.2			55.0	5.1	2.5	62.2	58.5	0	0	12	66.5	62.8	3.7	22.51	16.98	270.08	270.08
Q33	5	68.5	62.5			55.0	7.8	3.3	76.3	66.5	5	5	15	80.6	70.8	9.8	50.54	29.89	758.04	448.31
Q34	2	59.2	57.4			55.0	7.7	3.7	68.3	63.1	0	2	6	72.6	67.4	5.2	33.28	23.97	199.69	143.80
Q35	8	56.7	54.1			55.0	7.0	3.5	65.9	61.1	0	8	24	70.2	65.4	4.8	28.80	20.78	691.11	498.80
Q36 int	5	55.8	53.2			55.0	6.9	3.5	65.3	60.7	0	5	15	69.6	65.0	4.6	27.72	20.17	415.87	302.60
Q37 int	1	61.1	59.4			55.0	6.4	3.6	68.5	64.3	0	0	3	72.8	68.6	4.2	33.67	25.98	101.01	101.01
Q38 int	2	74.6	63.0			55.0	6.2	2.5	80.8	66.1	2	2	6	85.1	70.4	14.7	61.80	29.16	370.80	174.95
Q39	2	65.1	56.1			55.0	7.4	3.3	72.9	61.9	2	2	6	77.2	66.2	11.0	42.77	22.03	256.62	132.18
Q40	1	58.0	55.7			55.0	6.2	3.0	66.0	61.4	0	1	3	70.3	65.7	4.6	28.98	21.25	86.93	63.74
Q41	2	66.7	61.0			55.0	7.7	3.3	74.7	65.3	2	2	6	79.0	69.6	9.4	46.80	27.72	280.81	166.35
Q42	1	65.3	58.6			55.0	4.8	0.9	70.5	61.1	1	1	3	74.8	65.4	9.4	37.67	20.78	113.02	62.35
Q43	2	67.0	59.6			55.0	3.2	0.6	70.5	61.5	2	2	6	74.8	65.8	9.0	37.67	21.40	226.04	128.41

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: NE Thruway Exit 16 SB-2 *Date:* 04/01/03
Analyst: CJB *Company:* HMMH

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
3535	20	64	114	39.1%	22.5%	441	39.1%	0.4236765	$2,792,445	26.14	$24,495

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
Q44	2	63.8	57.9			55.0	4.9	0.9	69.2	60.6	0	2	6	73.5	64.9	8.6	35.05	20.02	210.27	120.13
Q45	7	63.1	56.6			55.0	4.9	0.9	68.6	59.8	0	7	21	72.9	64.1	8.8	33.86	18.83	711.15	395.49
Q-M1	0	80.6	68.2			55.0	6.4	2.4	87.0	70.8	0	0	0	91.3	75.1	16.2	79.16	38.29	0.00	0.00
Q-M2	0	73.0	63.6			55.0			73.1	64.2	0	0	0	77.4	68.5	8.9	43.21	25.81	0.00	0.00
Q-M3	0	61.3	52.0			55.0			62.2	56.8	0	0	0	66.5	61.1	5.4	22.51	14.69	0.00	0.00

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **NE Thruway Exit 16 SB-1**

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
2590	10	8	12	13.5%	12.4%	282	0.1347	0.0789	$1,267,000	2.4	$105,600
2590	12	8	19	13.5%	11.7%	282	0.1347	0.1296	$1,424,000	3.5	$75,000
2590	14	8	20	13.5%	11.6%	282	0.1347	0.1408	$1,582,000	3.4	$79,100
2590	16	8	20	13.5%	11.5%	282	0.1347	0.1471	$1,739,000	3.2	$87,000
2590	18	8	21	13.5%	11.4%	282	0.1347	0.1559	$1,896,000	3.1	$90,300
2590	20	8	21	13.5%	11.3%	282	0.1347	0.1615	$2,054,000	3.0	$97,800
2590	22	8	26	13.5%	10.9%	282	0.1347	0.1869	$2,211,000	3.2	$85,000
2590	24	8	26	13.5%	10.9%	282	0.1347	0.1902	$2,369,000	3.0	$91,100

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: NE Thruway Exit 16 SB-1 *Date:* 04/01/03
Analyst: CJB *Company:* HMMH

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
2594	12	8	19	13.5%	11.7%	282	13.5%	0.1295829	$1,424,270	3.45	$74,962

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
R-1	1	72.3	59.7			55.0			72.4	61.0	1	1	3	72.6	61.2	11.4	33.28	14.82	99.84	44.46
R-2	2	69.5	60.2			55.0			69.7	61.3	2	2	6	69.9	61.5	8.4	28.26	15.21	169.55	91.28
R-3	4	67.2	59.9			55.0			67.5	61.1	4	4	12	67.7	61.3	6.4	24.46	14.95	293.56	179.40
R-4	1	66.3	59.4			55.0			66.6	60.7	1	1	3	66.8	60.9	5.9	22.99	14.43	68.97	43.29
R-5	1	64.9	58.7			55.0			65.3	60.2	0	1	3	65.5	60.4	5.1	20.94	13.79	62.81	41.38
R-6	5	63.3	56.5			55.0			63.9	58.8	0	5	15	64.1	59.0	5.1	18.83	12.09	282.49	181.28
R-7	8	56.6	48.9			55.0			58.9	56.0	0	0	24	59.1	56.2	2.9	12.20	8.99	292.89	292.89
R-8	9	57.8	49.8			55.0			59.6	56.1	0	0	27	59.8	56.3	3.5	13.05	9.10	352.31	352.31
R-9	5	60.9	51.5			55.0			61.9	56.6	0	5	15	62.1	56.8	5.3	16.02	9.62	240.23	144.29
R-10	4	59.1	51.3			55.0			60.5	56.5	0	0	12	60.7	56.7	4.0	14.17	9.51	170.09	170.09
R-11	1	64.0	58.7			55.0			64.5	60.2	0	0	3	64.7	60.4	4.3	19.72	13.79	59.16	59.16
R-12	1	63.1	59.5			55.0			63.7	60.8	0	0	3	63.9	61.0	2.9	18.54	14.56	55.62	55.62
R-13	1	62.9	59.8			55.0			63.6	61.0	0	0	3	63.8	61.2	2.6	18.40	14.82	55.19	55.19
R-14	3	55.3	49.5			55.0			58.2	56.1	0	0	9	58.4	56.3	2.1	11.39	9.10	102.48	102.48
R-15	8	55.9	49.5			55.0			58.5	56.1	0	0	24	58.7	56.3	2.4	11.73	9.10	281.60	281.60
R-16	7	54.1	53.7			55.0			57.6	57.4	0	0	21	57.8	57.6	0.2	10.71	10.49	224.85	224.85
R-17	7	53.1	47.5			55.0			57.2	55.7	0	0	21	57.4	55.9	1.5	10.27	8.69	215.57	215.57
R-18	6	53.1	48.0			55.0			57.2	55.8	0	0	18	57.4	56.0	1.4	10.27	8.79	184.78	184.78
R-19	7	53.9	48.7			55.0			57.5	55.9	0	0	21	57.7	56.1	1.6	10.60	8.89	222.51	222.51
R-20	13	50.5	50.3			55.0			56.3	56.3	0	0	39	56.5	56.5	0.0	9.30	9.30	362.85	362.85
R-M1	0	57.6	50.1			55.0			59.5	56.2	0	0	0	59.7	56.4	3.3	12.93	9.20	0.00	0.00
R-M2	0	59.0	53.1			55.0			60.5	57.2	0	0	0	60.7	57.4	3.3	14.17	10.27	0.00	0.00

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **Exit 22/SB/Barrier 1**

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
3740	10	98	47	30.4%	27.8%	699	0.3041	0.0861	$1,872,000	9.8	$39,800
3740	12	98	117	30.4%	24.9%	699	0.3041	0.1811	$2,108,000	18.3	$18,000
3740	14	98	153	30.4%	22.9%	699	0.3041	0.2454	$2,344,000	22.3	$15,300
3740	16	98	159	30.4%	22.0%	699	0.3041	0.2755	$2,580,000	22.7	$16,200
3740	18	98	167	30.4%	21.1%	699	0.3041	0.3050	$2,816,000	23.0	$16,900
3740	20	98	167	30.4%	20.6%	699	0.3041	0.3223	$3,052,000	22.4	$18,300
3740	22	98	168	30.4%	20.1%	699	0.3041	0.3374	$3,288,000	21.8	$19,600
3740	24	98	169	30.4%	19.7%	699	0.3041	0.3509	$3,524,000	21.2	$20,900

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: Exit 22/SB/[illegible] *Date:* 06/30/03
Analyst: MSN *Company:* HMMH

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
3739	18	98	167	30.4%	21.1%	699	30.4%	0.3049868	$2,815,755	23.02	$16,861

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
U1	5	66.2	58.4			55.0			66.5	60.0	5	5	15	71.1	64.6	6.5	30.44	19.57	456.61	293.58
U2x	3	67.9	57.6			55.0			68.1	59.5	3	3	9	72.7	64.1	8.6	33.47	18.83	301.27	169.50
U3	4	67.6	59.1			55.0			67.8	60.5	4	4	12	72.4	65.1	7.3	32.90	20.32	394.74	243.90
U-M3	0	70.9	69.7			55.0			71.0	69.8	0	0	0	75.6	74.4	1.2	39.34	36.85	0.00	0.00
U4x	5	63.0	56.3			55.0			63.6	58.7	0	5	15	68.2	63.3	4.9	25.30	17.68	379.54	265.19
U5x	5	64.7	57.8			55.0			65.1	59.6	0	5	15	69.7	64.2	5.5	27.90	18.98	418.53	284.70
U6	7	63.1	55.0			55.0			63.7	58.0	0	7	21	68.3	62.6	5.7	25.47	16.70	534.91	350.67
U7	1	71.5	62.0			55.0			71.6	62.8	1	1	3	76.2	67.4	8.8	40.61	23.97	121.82	71.90
U8	3	70.5	60.2			55.0			70.6	61.3	3	3	9	75.2	65.9	9.3	38.50	21.56	346.50	194.03
U9	1	66.7	58.7			55.0			67.0	60.2	1	1	3	71.6	64.8	6.8	31.37	19.87	94.12	59.61
U10	9	64.5	57.2			55.0			65.0	59.2	0	9	27	69.6	63.8	5.8	27.72	18.40	748.57	496.70
U11	3	71.7	60.9			55.0			71.8	61.9	3	3	9	76.4	66.5	9.9	41.04	22.51	369.32	202.56
U12	2	69.2	59.5			55.0			69.4	60.8	2	2	6	74.0	65.4	8.6	36.04	20.78	216.27	124.70
U13	6	67.9	58.6			55.0			68.1	60.2	6	6	18	72.7	64.8	7.9	33.47	19.87	602.55	357.69
U14	6	66.8	57.5			55.0			67.1	59.4	6	6	18	71.7	64.0	7.7	31.56	18.69	568.11	336.36
U15	3	74.9	63.9			55.0			74.9	64.4	3	3	9	79.5	69.0	10.5	47.95	26.67	431.58	240.06
U16	2	71.8	61.7			55.0			71.9	62.5	2	2	6	76.5	67.1	9.4	41.25	23.48	247.50	140.85
U17	4	67.8	59.3			55.0			68.0	60.7	4	4	12	72.6	65.3	7.3	33.28	20.63	399.37	247.56
U18	4	64.4	56.0			55.0			64.9	58.5	0	4	12	69.5	63.1	6.4	27.55	17.40	330.58	208.76
U19	3	77.1	65.9			55.0			77.1	66.2	3	3	9	81.7	70.8	10.9	53.19	29.89	478.67	268.99
U-M2	3	71.5	62.9			55.0			71.6	63.6	3	3	9	76.2	68.2	8.0	40.61	25.30	365.46	227.72
U20	3	74.4	65.9			55.0			74.4	66.2	3	3	9	79.0	70.8	8.2	46.80	29.89	421.21	268.99
U21	4	72.9	64.9			55.0			73.0	65.3	4	4	12	77.6	69.9	7.7	43.65	28.26	523.80	339.10
U22	2	69.1	61.8			55.0			69.3	62.6	2	2	6	73.9	67.2	6.7	35.84	23.64	215.06	141.83
U23	1	74.6	65.8			55.0			74.6	66.1	1	1	3	79.2	70.7	8.5	47.26	29.70	141.78	89.11
NE-LT7	1	81.2	67.1			55.0			81.2	67.4	1	1	3	85.8	72.0	13.8	63.65	32.13	190.96	96.39
U24	1	74.8	64.3			55.0			74.8	64.8	1	1	3	79.4	69.4	10.0	47.72	27.37	143.16	82.12
U25	1	72.0	63.3			55.0			72.1	63.9	1	1	3	76.7	68.5	8.2	41.68	25.81	125.04	77.44
U26	2	71.8	64.0			55.0			71.9	64.5	2	2	6	76.5	69.1	7.4	41.25	26.85	247.50	161.08
U27	2	66.2	58.8			55.0			66.5	60.3	2	2	6	71.1	64.9	6.2	30.44	20.02	182.64	120.13
U28	1	65.7	58.1			55.0			66.1	59.8	1	1	3	70.7	64.4	6.3	29.70	19.27	89.11	57.82
U29	2	80.3	71.8			55.0			80.3	71.9	2	2	6	84.9	76.5	8.4	61.28	41.25	367.65	247.50
U30	2	74.4	67.9			55.0			74.4	68.1	2	2	6	79.0	72.7	6.3	46.80	33.47	280.81	200.85
U31	3	69.0	62.5			55.0			69.2	63.2	3	3	9	73.8	67.8	6.0	35.64	24.63	320.79	221.67
U32	2	75.7	68.7			55.0			75.7	68.9	2	2	6	80.3	73.5	6.8	49.82	35.05	298.95	210.27
U34	2	76.6	65.5			55.0			76.6	65.9	2	2	6	81.2	70.5	10.7	51.97	29.34	311.84	176.04
U35	1	74.7	64.4			55.0			74.7	64.9	1	1	3	79.3	69.5	9.8	47.49	27.55	142.47	82.64
U36	8	62.7	59.0			55.0			63.4	60.5	0	0	24	68.0	65.1	2.9	24.97	20.32	599.16	599.16
U37	5	58.4	57.1			55.0			60.0	59.2	0	0	15	64.6	63.8	0.8	19.57	18.40	293.58	293.58
U38	3	61.7	57.8			55.0			62.5	59.6	0	0	9	67.1	64.2	2.9	23.48	18.98	211.28	211.28
U39	4	57.3	54.0			55.0			59.3	57.5	0	0	12	63.9	62.1	1.8	18.54	16.02	222.49	222.49
U40	4	55.9	53.5			55.0			58.5	57.3	0	0	12	63.1	61.9	1.2	17.40	15.75	208.76	208.76
U41	1	57.4	56.1			55.0			59.4	58.6	0	0	3	64.0	63.2	0.8	18.69	17.54	56.06	56.06

U42	3	58.1	55.9	55.0	59.8	58.5	0	0	9	64.4	63.1	1.3	19.27	17.40	173.47	173.47
U43	12	58.4	57.7	55.0	60.0	59.6	0	0	36	64.6	64.2	0.4	19.57	18.98	704.59	704.59
U33	2	80.5	67.8	55.0	80.5	68.0	2	2	6	85.1	72.6	12.5	61.80	33.28	370.80	199.69
U44	3	67.8	60.2	55.0	68.0	61.3	3	3	9	72.6	65.9	6.7	33.28	21.56	299.53	194.03
U-M1	4	78.6	61.0	55.0	78.6	62.0	4	4	12	83.2	66.6	16.6	56.91	22.67	682.89	272.00
U45	2	62.2	55.8	55.0	63.0	58.4	0	2	6	67.6	63.0	4.6	24.30	17.26	145.78	103.53
U46	2	66.5	57.7	55.0	66.8	59.6	2	2	6	71.4	64.2	7.2	31.00	18.98	185.99	113.88
U47	8	61.1	56.6	55.0	62.1	58.9	0	0	24	66.7	63.5	3.2	22.83	17.96	547.86	547.86
U48	4	59.2	57.0	55.0	60.6	59.1	0	0	12	65.2	63.7	1.5	20.48	18.25	245.73	245.73
U49	1	64.3	54.7	55.0	64.8	57.9	0	1	3	69.4	62.5	6.9	27.37	16.56	82.12	49.68
U50	12	58.5	56.6	55.0	60.1	58.9	0	0	36	64.7	63.5	1.2	19.72	17.96	709.98	709.98
U3a	2	64.4	57.2	55.0	64.9	59.2	0	2	6	69.5	63.8	5.7	27.55	18.40	165.29	110.38
U3b	6	65.1	56.4	55.0	65.5	58.8	0	6	18	70.1	63.4	6.7	28.62	17.82	515.09	320.79
U4b	8	63.5	55.7	55.0	64.1	58.4	0	8	24	68.7	63.0	5.7	26.16	17.26	627.72	414.14
U51	3	63.2	54.6	55.0	63.8	57.8	0	3	9	68.4	62.4	6.0	25.64	16.42	230.78	147.81
U52	4	62.8	56.1	55.0	63.5	58.6	0	4	12	68.1	63.2	4.9	25.13	17.54	301.60	210.45
U53	4	62.4	55.6	55.0	63.1	58.3	0	4	12	67.7	62.9	4.8	24.46	17.12	293.56	205.39
U54	7	63.3	54.9	55.0	63.9	58.0	0	7	21	68.5	62.6	5.9	25.81	16.70	542.06	350.67
U55	1	62.6	56.9	55.0	63.3	59.1	0	0	3	67.9	63.7	4.2	24.80	18.25	74.39	74.39
U56	1	60.4	53.3	55.0	61.5	57.2	0	0	3	66.1	61.8	4.3	21.87	15.61	65.62	65.62
U57	2	63.9	55.4	55.0	64.4	58.2	0	2	6	69.0	62.8	6.2	26.67	16.98	160.04	101.86
U58	4	65.6	59.8	55.0	66.0	61.0	4	4	12	70.6	65.6	5.0	29.52	21.09	354.26	253.10
U61	4	66.6	59.8	55.0	66.9	61.0	4	4	12	71.5	65.6	5.9	31.19	21.09	374.23	253.10

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **Exit 16 NB-1**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA No Barrier*	*ACHA With Barrier*	*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*			*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
2260	10	161	4	28.1%	27.9%	585	0.2813	0.0065	$1,098,000	1.0	$274,400
2260	12	161	12	28.1%	27.6%	585	0.2813	0.0195	$1,233,000	2.6	$102,800
2260	14	161	15	28.1%	27.4%	585	0.2813	0.0270	$1,369,000	3.3	$91,300
2260	16	161	22	28.1%	27.0%	585	0.2813	0.0397	$1,505,000	4.3	$68,400
2260	18	161	131	28.1%	22.6%	585	0.2813	0.1963	$1,641,000	19.7	$12,500
2260	20	161	142	28.1%	21.7%	585	0.2813	0.2280	$1,776,000	21.1	$12,500
2260	22	161	150	28.1%	21.0%	585	0.2813	0.2550	$1,912,000	21.9	$12,700
2260	24	161	150	28.1%	20.5%	585	0.2813	0.2698	$2,048,000	21.7	$13,700

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: Exit 16 NB-1 *Date:* 04/01/03
Analyst: CJB *Company:* HMMH

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
2263	22	161	150	28.1%	21.0%	585	28.1%	0.2550153	$1,912,235	21.95	$12,748

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)										Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL						TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq		Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
S1	1	65.7	65.6			50.0			65.8	65.7		1	0	3	69.4	69.3	0.1	27.37	27.20	82.12	82.12
S2 int	3	63.1	62.9			50.0			63.3	63.1		0	0	9	66.9	66.7	0.2	23.15	22.83	208.35	208.35
S3	1	62.6	62.2			50.0			62.8	62.5		0	0	3	66.4	66.1	0.3	22.35	21.87	67.04	67.04
S4	1	64.9	62.1			50.0			65.0	62.4		0	0	3	68.6	66.0	2.6	25.98	21.72	77.95	77.95
S5 int	3	64.4	59.1			50.0			64.6	59.6		0	3	9	68.2	63.2	5.0	25.30	17.54	227.72	157.84
S6	1	66.8	61.3			50.0			66.9	61.6		1	1	3	70.5	65.2	5.3	29.34	20.48	88.02	61.43
S7 int	2	67.5	56.6			50.0			67.6	57.5		2	2	6	71.2	61.1	10.1	30.63	14.69	183.76	88.14
S8 int	2	67.0	58.9			50.0			67.1	59.4		2	2	6	70.7	63.0	7.7	29.70	17.26	178.23	103.53
S9 int	2	65.6	57.2			50.0			65.7	58.0		2	2	6	69.3	61.6	7.7	27.20	15.35	163.18	92.07
S10 int	2	65.3	59.0			50.0			65.4	59.5		0	2	6	69.0	63.1	5.9	26.67	17.40	160.04	104.38
S11	2	66.7	59.5			50.0			66.8	60.0		2	2	6	70.4	63.6	6.8	29.16	18.11	174.95	108.65
S12	2	66.2	56.9			50.0			66.3	57.7		2	2	6	69.9	61.3	8.6	28.26	14.95	169.55	89.70
S13	2	65.9	59.3			50.0			66.0	59.8		2	2	6	69.6	63.4	6.2	27.72	17.82	166.35	106.93
S14	2	65.1	57.9			50.0			65.2	58.6		0	2	6	68.8	62.2	6.6	26.33	16.15	157.96	96.90
S15	2	65.7	56.2			50.0			65.8	57.1		2	2	6	69.4	60.7	8.7	27.37	14.17	164.23	85.05
S16	2	67.4	58.8			50.0			67.5	59.3		2	2	6	71.1	62.9	8.2	30.44	17.12	182.64	102.69
S17 int	8	68.0	62.4			50.0			68.1	62.6		0	8	24	71.7	66.2	5.5	31.56	22.03	757.49	528.73
S18 int	8	68.4	62.1			50.0			68.5	62.4		0	8	24	72.1	66.0	6.1	32.32	21.72	775.69	521.16
S19	2	68.3	68.3			50.0			68.4	68.4		2	0	6	72.0	72.0	0.0	32.13	32.13	192.78	192.78
S20	2	68.5	68.5			50.0			68.6	68.6		2	0	6	72.2	72.2	0.0	32.51	32.51	195.07	195.07
S21	3	66.2	66.0			50.0			66.3	66.1		3	0	9	69.9	69.7	0.2	28.26	27.90	254.32	254.32
S22	4	68.9	68.4			50.0			69.0	68.5		4	0	12	72.6	72.1	0.5	33.28	32.32	399.37	399.37
S-M2	0	63.9	58.8			50.0			64.1	59.3		0	0	0	67.7	62.9	4.8	24.46	17.12	0.00	0.00
S-M3	1	69.8	62.7			50.0			69.8	62.9		1	1	3	73.4	66.5	6.9	34.85	22.51	104.54	67.52
S17A play a	1	65.3	59.6			50.0			65.4	60.1		0	1	3	69.0	63.7	5.3	26.67	18.25	80.02	54.75
S-M1 play a	1	69.0	67.3			50.0			69.1	67.4		1	0	3	72.7	71.0	1.7	33.47	30.26	100.42	100.42
S23 int	3	67.0	64.7			50.0			67.1	64.8		3	0	9	70.7	68.4	2.3	29.70	25.64	267.34	267.34
S24 int	5	69.2	67.2			50.0			69.3	67.3		5	0	15	72.9	70.9	2.0	33.86	30.07	507.96	507.96
S25 int	5	67.8	67.0			50.0			67.9	67.1		5	0	15	71.5	70.7	0.8	31.19	29.70	467.79	467.79
S26 int	5	62.8	62.5			50.0			63.0	62.7		0	0	15	66.6	66.3	0.3	22.67	22.19	340.00	340.00
S27 int	5	68.2	68.2			50.0			68.3	68.3		5	0	15	71.9	71.9	0.0	31.94	31.94	479.10	479.10
S28 int	4	68.2	67.8			50.0			68.3	67.9		4	0	12	71.9	71.5	0.4	31.94	31.19	383.28	383.28
S-17B pool	108	65.4	59.5			50.0			65.5	60.0		108	108	324	69.1	63.6	5.5	26.85	18.11	8698.48	5866.90

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **Exit 17/NB/1**

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
2980	10	60	23	25.4%	23.8%	429	0.2543	0.0639	$1,469,000	4.7	$63,900
2980	12	60	31	25.4%	22.9%	429	0.2543	0.0987	$1,653,000	6.5	$53,300
2980	14	60	37	25.4%	22.1%	429	0.2543	0.1297	$1,837,000	7.7	$49,600
2980	16	60	39	25.4%	21.7%	429	0.2543	0.1478	$2,020,000	8.0	$51,800
2980	18	60	49	25.4%	20.9%	429	0.2543	0.1780	$2,204,000	8.8	$45,000
2980	20	60	53	25.4%	20.5%	429	0.2543	0.1945	$2,388,000	8.9	$45,100
2980	22	60	53	25.4%	20.3%	429	0.2543	0.2008	$2,572,000	8.5	$48,500
2980	24	60	53	25.4%	20.2%	429	0.2543	0.2074	$2,755,000	8.2	$52,000

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: Exit 17/NB/1 *Date:* 04/01/03
Analyst: MSN *Company:* HMMH

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
2976	20	60	53	25.4%	20.5%	429	25.4%	0.194476	$2,387,930	8.89	$45,055

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
T2 (NE-LT	2	75.0	63.3			55.0			75.0	63.9	2	2	6	78.6	67.5	11.1	45.89	24.13	275.34	144.79
T3	2	76.0	63.5			55.0			76.0	64.1	2	2	6	79.6	67.7	11.9	48.19	24.46	289.11	146.78
T4	2	74.3	63.2			55.0			74.4	63.8	2	2	6	78.0	67.4	10.6	44.54	23.97	267.24	143.80
T5	2	75.1	63.1			55.0			75.1	63.7	2	2	6	78.7	67.3	11.4	46.12	23.80	276.70	142.81
T6	1	68.0	58.1			55.0			68.2	59.8	1	1	3	71.8	63.4	8.4	31.75	17.82	95.25	53.46
T7	2	71.2	61.3			55.0			71.3	62.2	2	2	6	74.9	65.8	9.1	37.88	21.40	227.27	128.41
T8	2	67.2	57.0			55.0			67.5	59.1	2	2	6	71.1	62.7	8.4	30.44	16.84	182.64	101.02
T9	1	67.3	57.3			55.0			67.5	59.3	1	1	3	71.1	62.9	8.2	30.44	17.12	91.32	51.35
T10	1	72.2	63.9			55.0			72.3	64.4	1	1	3	75.9	68.0	7.9	39.97	24.97	119.91	74.90
T11 (T-M2	1	66.2	57.7			55.0			66.5	59.6	1	1	3	70.1	63.2	6.9	28.62	17.54	85.85	52.61
T12	2	62.6	55.6			55.0			63.3	58.3	0	2	6	66.9	61.9	5.0	23.15	15.75	138.90	94.47
T13	2	60.6	52.8			55.0			61.7	57.0	0	2	6	65.3	60.6	4.7	20.63	14.05	123.78	84.28
T14	2	62.6	55.7			55.0			63.3	58.4	0	2	6	66.9	62.0	4.9	23.15	15.88	138.90	95.28
T15	2	63.5	57.6			55.0			64.1	59.5	0	2	6	67.7	63.1	4.6	24.46	17.40	146.78	104.38
T16	2	67.3	58.7			55.0			67.5	60.2	2	2	6	71.1	63.8	7.3	30.44	18.40	182.64	110.38
T17	2	70.6	59.3			55.0			70.7	60.7	2	2	6	74.3	64.3	10.0	36.65	19.13	219.91	114.76
T18	2	67.2	57.6			55.0			67.5	59.5	2	2	6	71.1	63.1	8.0	30.44	17.40	182.64	104.38
T19	1	62.9	53.4			55.0			63.6	57.3	0	1	3	67.2	60.9	6.3	23.64	14.43	70.92	43.29
T20	2	72.0	60.6			55.0			72.1	61.7	2	2	6	75.7	65.3	10.4	39.55	20.63	237.28	123.78
T21	2	71.6	62.5			55.0			71.7	63.2	2	2	6	75.3	66.8	8.5	38.71	22.99	232.25	137.93
T22	3	66.3	60.6			55.0			66.6	61.7	3	3	9	70.2	65.3	4.9	28.80	20.63	259.17	185.67
T23	3	63.0	58.1			55.0			63.6	59.8	0	0	9	67.2	63.4	3.8	23.64	17.82	212.75	212.75
T24	3	62.8	59.0			55.0			63.5	60.5	0	0	9	67.1	64.1	3.0	23.48	18.83	211.28	211.28
T25	3	62.3	58.6			55.0			63.0	60.2	0	0	9	66.6	63.8	2.8	22.67	18.40	204.00	204.00
T26	2	61.0	57.6			55.0			62.0	59.5	0	0	6	65.6	63.1	2.5	21.09	17.40	126.55	126.55
T27	24	66.6	62.0			55.0			66.9	62.8	24	0	72	70.5	66.4	4.1	29.34	22.35	2112.43	2112.43
T29 (T-M3	6	71.8	61.7			55.0			71.9	62.5	6	6	18	75.5	66.1	9.4	39.13	21.87	704.27	393.70
T33	3	51.8	46.1			55.0			56.7	55.5	0	0	9	60.3	59.1	1.2	13.67	12.20	123.02	123.02
T34	1	61.6	51.6			55.0			62.5	56.6	0	1	3	66.1	60.2	5.9	21.87	13.54	65.62	40.63
T35	1	59.3	50.7			55.0			60.7	56.4	0	0	3	64.3	60.0	4.3	19.13	13.29	57.38	57.38
T38	2	54.8	50.2			55.0			57.9	56.2	0	0	6	61.5	59.8	1.7	15.21	13.05	91.28	91.28
T39	1	56.8	49.4			55.0			59.0	56.1	0	0	3	62.6	59.7	2.9	16.70	12.93	50.10	50.10
T40	4	59.2	51.1			55.0			60.6	56.5	0	0	12	64.2	60.1	4.1	18.98	13.42	227.76	227.76
T41	6	57.3	50.6			55.0			59.3	56.3	0	0	18	62.9	59.9	3.0	17.12	13.17	308.08	308.08
T42	5	60.4	51.8			55.0			61.5	56.7	0	5	15	65.1	60.3	4.8	20.32	13.67	304.87	205.03
T43	2	56.5	52.9			55.0			58.8	57.1	0	0	6	62.4	60.7	1.7	16.42	14.17	98.54	98.54
T44	2	56.3	51.5			55.0			58.7	56.6	0	0	6	62.3	60.2	2.1	16.29	13.54	97.72	97.72
T45	2	60.3	53.4			55.0			61.4	57.3	0	0	6	65.0	60.9	4.1	20.17	14.43	121.04	121.04
T46	2	56.1	51.7			55.0			58.6	56.7	0	0	6	62.2	60.3	1.9	16.15	13.67	96.90	96.90
T47	3	56.4	50.1			55.0			58.8	56.2	0	0	9	62.4	59.8	2.6	16.42	13.05	147.81	147.81
T48	2	63.3	55.4			55.0			63.9	58.2	0	2	6	67.5	61.8	5.7	24.13	15.61	144.79	93.67
T49	3	57.6	51.8			55.0			59.5	56.7	0	0	9	63.1	60.3	2.8	17.40	13.67	156.57	156.57
T50	3	59.9	53.0			55.0			61.1	57.1	0	0	9	64.7	60.7	4.0	19.72	14.17	177.49	177.49

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: Exit 17/NB/1 *Date:* 04/01/03
Analyst: MSN *Company:* HMMH

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
2976	20	60	53	25.4%	20.5%	429	25.4%	0.194476	$2,387,930	8.89	$45,055

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
T51	2	55.2	50.1			55.0			58.1	56.2	0	0	6	61.7	59.8	1.9	15.48	13.05	92.87	92.87
T52	1	65.5	57.8			55.0			65.9	59.6	1	1	3	69.5	63.2	6.3	27.55	17.54	82.64	52.61
T53	3	55.7	50.0			55.0			58.4	56.2	0	0	9	62.0	59.8	2.2	15.88	13.05	142.92	142.92
T54 (T-M1	0	63.2	56.8			55.0			63.8	59.0	0	0	0	67.4	62.6	4.8	23.97	16.70	0.00	0.00
T55	2	62.1	57.6			55.0			62.9	59.5	0	0	6	66.5	63.1	3.4	22.51	17.40	135.04	135.04
T56	2	60.6	55.3			55.0			61.7	58.2	0	0	6	65.3	61.8	3.5	20.63	15.61	123.78	123.78
T57	4	59.0	54.7			55.0			60.5	57.9	0	0	12	64.1	61.5	2.6	18.83	15.21	226.00	226.00
T58	4	56.4	51.4			55.0			58.8	56.6	0	0	12	62.4	60.2	2.2	16.42	13.54	197.08	197.08
T59	2	59.4	55.4			55.0			60.7	58.2	0	0	6	64.3	61.8	2.5	19.13	15.61	114.76	114.76
T60	2	58.8	55.0			55.0			60.3	58.0	0	0	6	63.9	61.6	2.3	18.54	15.35	111.25	111.25

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML Exit 19 SB 1**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA No Barrier*	*ACHA With Barrier*	*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*			*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
2560	12	55	61	26.5%	20.3%	309	0.2647	0.2342	$1,413,000	13.6	$23,200
2560	14	55	73	26.5%	18.5%	309	0.2647	0.2995	$1,569,000	15.6	$21,500
2560	16	55	85	26.5%	17.0%	309	0.2647	0.3574	$1,726,000	16.9	$20,300
2560	18	55	85	26.5%	16.4%	309	0.2647	0.3803	$1,882,000	16.5	$22,100
2560	20	55	85	26.5%	15.9%	309	0.2647	0.3987	$2,039,000	16.0	$24,000
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: **ML Exit 19 SB 1** ***Date:*** 04/02/03
Analyst: JAV ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
2558	16	55	85	26.5%	17.0%	309	26.5%	0.3573578	$1,725,719	16.94	$20,303

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
V1	1	65.0	57.6			55.0			65.4	59.5	0	1	3	68.0	62.1	5.9	24.97	16.02	74.90	48.05
V2"	1	63.7	56.9			55.0			64.2	59.1	0	1	3	66.8	61.7	5.1	22.99	15.48	68.97	46.43
V3"	1	62.4	54.7			55.0			63.1	57.9	0	1	3	65.7	60.5	5.2	21.25	13.92	63.74	41.76
V4"	1	66.3	56.3			55.0			66.6	58.7	1	1	3	69.2	61.3	7.9	27.02	14.95	81.06	44.85
V5"	2	65.0	55.2			55.0			65.4	58.1	0	2	6	68.0	60.7	7.3	24.97	14.17	149.79	85.05
V6"	1	64.1	55.3			55.0			64.6	58.2	0	1	3	67.2	60.8	6.4	23.64	14.30	70.92	42.91
V7"	6	70.0	60.8			55.0			70.1	61.8	6	6	18	72.7	64.4	8.3	33.47	19.27	602.55	346.95
V8"	6	62.3	55.5			55.0			63.0	58.3	0	6	18	65.6	60.9	4.7	21.09	14.43	379.65	259.75
V9"	6	67.1	58.7			55.0			67.4	60.2	6	6	18	70.0	62.8	7.2	28.44	16.98	511.86	305.57
V10"	6	62.9	55.2			55.0			63.6	58.1	0	6	18	66.2	60.7	5.5	22.03	14.17	396.54	255.14
V11"	6	69.1	59.8			55.0			69.3	61.0	6	6	18	71.9	63.6	8.3	31.94	18.11	574.92	325.94
V12"	6	68.4	59.4			55.0			68.6	60.7	6	6	18	71.2	63.3	7.9	30.63	17.68	551.27	318.23
V13"	6	62.0	55.0			55.0			62.8	58.0	0	6	18	65.4	60.6	4.8	20.78	14.05	374.10	252.85
V14"	6	69.8	60.0			55.0			69.9	61.2	6	6	18	72.5	63.8	8.7	33.09	18.40	595.58	331.13
V15"	6	64.0	56.9			55.0			64.5	59.1	0	6	18	67.1	61.7	5.4	23.48	15.48	422.55	278.61
V16"	6	71.2	60.3			55.0			71.3	61.4	6	6	18	73.9	64.0	9.9	35.84	18.69	645.19	336.36
V17"	6	69.7	60.2			55.0			69.8	61.3	6	6	18	72.4	63.9	8.5	32.90	18.54	592.11	333.74
V18"	6	69.2	60.2			55.0			69.4	61.3	6	6	18	72.0	63.9	8.1	32.13	18.54	578.34	333.74
V19"	6	65.9	58.2			55.0			66.2	59.9	6	6	18	68.8	62.5	6.3	26.33	16.56	473.89	298.10
V20"	6	60.9	55.2			55.0			61.9	58.1	0	0	18	64.5	60.7	3.8	19.42	14.17	349.62	349.62
V21"	6	59.5	52.6			55.0			60.8	57.0	0	0	18	63.4	59.6	3.8	17.82	12.80	320.79	320.79
V22"	6	58.3	51.5			55.0			60.0	56.6	0	0	18	62.6	59.2	3.4	16.70	12.32	300.58	300.58

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML Exit 23 NB 1**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA No Barrier*	*ACHA With Barrier*	*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*			*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
2710	12	28	79	17.6%	13.4%	483	0.1761	0.2393	$1,479,000	13.8	$18,700
2710	14	28	91	17.6%	12.6%	483	0.1761	0.2865	$1,642,000	14.8	$18,000
2710	16	28	105	17.6%	11.7%	483	0.1761	0.3353	$1,805,000	15.8	$17,200
2710	18	28	110	17.6%	11.1%	483	0.1761	0.3677	$1,968,000	15.9	$17,900
2710	20	28	110	17.6%	10.9%	483	0.1761	0.3835	$2,130,000	15.3	$19,400
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: ML Exit 23 NB 1 *Date:* 04/02/03
Analyst: JAV *Company:* BA

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
2714	18	28	110	17.6%	11.1%	483	17.6%	0.3677107	$1,967,500	15.90	$17,886

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
W1	1	57.5	50.4			50.0			58.2	53.2	0	1	3	59.9	54.9	5.0	13.17	7.71	39.51	23.12
W2"	2	58.5	51.1			50.0			59.1	53.6	0	2	6	60.8	55.3	5.5	14.30	8.09	85.81	48.55
W3"	2	59.7	51.8			50.0			60.1	54.0	0	2	6	61.8	55.7	6.1	15.61	8.49	93.67	50.92
W4"	1	60.5	52.4			50.0			60.9	54.4	0	1	3	62.6	56.1	6.5	16.70	8.89	50.10	26.67
W5"	5	53.7	46.9			50.0			55.2	51.7	0	0	15	56.9	53.4	3.5	9.73	6.34	145.89	145.89
W6"	3	54.1	47.5			50.0			55.5	51.9	0	0	9	57.2	53.6	3.6	10.05	6.51	90.43	90.43
W7"	4	54.6	48.0			50.0			55.9	52.1	0	0	12	57.6	53.8	3.8	10.49	6.69	125.82	125.82
W8"	5	54.8	48.3			50.0			56.0	52.2	0	0	15	57.7	53.9	3.8	10.60	6.78	158.94	158.94
W9"	1	64.0	54.0			50.0			64.2	55.5	0	1	3	65.9	57.2	8.7	21.56	10.05	64.68	30.14
W10"	3	62.3	53.6			50.0			62.5	55.2	0	3	9	64.2	56.9	7.3	18.98	9.73	170.82	87.53
W11"	3	61.5	53.0			50.0			61.8	54.8	0	3	9	63.5	56.5	7.0	17.96	9.30	161.68	83.74
W12"	3	58.2	50.4			50.0			58.8	53.2	0	3	9	60.5	54.9	5.6	13.92	7.71	125.28	69.35
W13"	2	55.3	48.6			50.0			56.4	52.4	0	0	6	58.1	54.1	4.0	11.04	6.96	66.26	66.26
W14"	3	63.3	54.0			50.0			63.5	55.5	0	3	9	65.2	57.2	8.0	20.48	10.05	184.30	90.43
W15"	6	65.0	55.2			50.0			65.1	56.3	0	6	18	66.8	58.0	8.8	22.99	10.93	413.79	196.76
W16"	2	66.3	56.4			50.0			66.4	57.3	2	2	6	68.1	59.0	9.1	25.13	12.09	150.80	72.51
W17"	1	66.8	56.9			50.0			66.9	57.7	1	1	3	68.6	59.4	9.2	25.98	12.56	77.95	37.69
W18"	1	68.6	58.4			50.0			68.7	59.0	1	1	3	70.4	60.7	9.7	29.16	14.17	87.47	42.52
W19"	3	56.8	49.9			50.0			57.6	53.0	0	3	9	59.3	54.7	4.6	12.44	7.52	111.98	67.64
W20"	3	56.7	49.6			50.0			57.5	52.8	0	3	9	59.2	54.5	4.7	12.32	7.33	110.90	65.95
W21"	4	57.6	50.2			50.0			58.3	53.1	0	4	12	60.0	54.8	5.2	13.29	7.61	159.54	91.32
W22"	4	57.9	50.5			50.0			58.6	53.3	0	4	12	60.3	55.0	5.3	13.67	7.80	164.02	93.62
W23"	4	58.6	51.4			50.0			59.2	53.8	0	4	12	60.9	55.5	5.4	14.43	8.29	173.17	99.46
W24"	4	59.5	51.4			50.0			60.0	53.8	0	4	12	61.7	55.5	6.2	15.48	8.29	185.74	99.46
W25"	2	59.8	51.7			50.0			60.2	53.9	0	2	6	61.9	55.6	6.3	15.75	8.39	94.47	50.32
W26"	6	52.9	47.4			50.0			54.7	51.9	0	0	18	56.4	53.6	2.8	9.20	6.51	165.60	165.60
W27"	5	54.3	48.5			50.0			55.7	52.3	0	0	15	57.4	54.0	3.4	10.27	6.87	153.98	153.98
W28"	2	55.2	48.4			50.0			56.3	52.3	0	0	6	58.0	54.0	4.0	10.93	6.87	65.59	65.59
W29"	1	72.7	58.5			50.0			72.7	59.1	1	1	3	74.4	60.8	13.6	36.85	14.30	110.56	42.91
W30"	1	72.3	59.8			50.0			72.3	60.2	1	1	3	74.0	61.9	12.1	36.04	15.75	108.13	47.24
W31"	4	69.3	58.5			50.0			69.4	59.1	4	4	12	71.1	60.8	10.3	30.44	14.30	365.29	171.63
W32"	2	72.7	61.4			50.0			72.7	61.7	2	2	6	74.4	63.4	11.0	36.85	17.82	221.13	106.93
W33"	3	76.8	63.0			50.0			76.8	63.2	3	3	9	78.5	64.9	13.6	45.66	20.02	410.97	180.20
W34"	2	60.5	52.8			50.0			60.9	54.6	0	2	6	62.6	56.3	6.3	16.70	9.10	100.19	54.58
W35"	5	60.7	53.9			50.0			61.1	55.4	0	5	15	62.8	57.1	5.7	16.98	9.94	254.64	149.10
W36"	4	61.3	54.1			50.0			61.6	55.5	0	4	12	63.3	57.2	6.1	17.68	10.05	212.15	120.57
W37"	3	62.2	55.5			50.0			62.5	56.6	0	3	9	64.2	58.3	5.9	18.98	11.27	170.82	101.44
W38"	4	62.8	56.7			50.0			63.0	57.5	0	4	12	64.7	59.2	5.5	19.72	12.32	236.66	147.87
W39"	4	64.0	58.3			50.0			64.2	58.9	0	4	12	65.9	60.6	5.3	21.56	14.05	258.70	168.57
W40"	5	65.6	60.4			50.0			65.7	60.8	5	5	15	67.4	62.5	4.9	23.97	16.56	359.50	248.41
W41"	1	72.3	61.8			50.0			72.3	62.1	1	1	3	74.0	63.8	10.2	36.04	18.40	108.13	55.19
W42"	3	69.1	61.2			50.0			69.2	61.5	3	3	9	70.9	63.2	7.7	30.07	17.54	270.64	157.84
W43"	2	71.9	62.6			50.0			71.9	62.8	2	2	6	73.6	64.5	9.1	35.24	19.42	211.46	116.54
W44"	2	68.5	62.4			50.0			68.6	62.6	2	2	6	70.3	64.3	6.0	28.98	19.13	173.86	114.76
W45"	6	52.8	49.0			50.0			54.6	52.5	0	0	18	56.3	54.2	2.1	9.10	7.05	163.73	163.73
W46"	6	54.6	50.2			50.0			55.9	53.1	0	0	18	57.6	54.8	2.8	10.49	7.61	188.73	188.73
W47"	7	57.8	52.4			50.0			58.5	54.4	0	0	21	60.2	56.1	4.1	13.54	8.89	284.41	284.41
W48"	6	59.6	53.0			50.0			60.1	54.8	0	6	18	61.8	56.5	5.3	15.61	9.30	281.01	167.47
W49"	5	64.7	57.0			50.0			64.8	57.8	0	5	15	66.5	59.5	7.0	22.51	12.68	337.60	190.25

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML Exit 23 NB 2**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*	*ACHA*	*Terms in the Priority Index Equation*				*Priority*	*Cost*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*	*Index*	*per Res. Benefited*
3640	12	49	60	25.3%	20.5%	387	0.2526	0.1879	$1,984,000	9.3	$33,100
3640	14	49	90	25.3%	18.2%	387	0.2526	0.2809	$2,203,000	12.5	$24,500
3640	16	49	97	25.3%	16.9%	387	0.2526	0.3295	$2,421,000	13.3	$25,000
3640	18	49	107	25.3%	15.7%	387	0.2526	0.3773	$2,639,000	14.0	$24,700
3640	20	49	107	25.3%	15.1%	387	0.2526	0.4025	$2,858,000	13.8	$26,700
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: ML Exit 23 NB 2 ***Date:*** 04/02/03
Analyst: JAV ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
3641	16	49	97	25.3%	16.9%	387	25.3%	0.3295109	$2,421,055	13.30	$24,959

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)								Number of Residences		RECEIVER DATA						
		Thruway		Other Source(s)			Other Adjustments		TOTAL			TOTAL			Approx.	CHA		CHA*people	
Receiver	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
X1	2	76.9	66.2			45.0			76.9	66.2	2	2	6	80.1	69.4	10.7	49.35	27.37	296.12	164.23
X2*	1	67.5	64.7			45.0			67.5	64.7	1	0	3	70.7	67.9	2.8	29.70	24.80	89.11	89.11
X3*	2	64.5	62.7			45.0			64.5	62.8	0	0	6	67.7	66.0	1.7	24.46	21.72	146.78	146.78
X4*	2	66.7	62.3			45.0			66.7	62.4	2	0	6	69.9	65.6	4.3	28.26	21.09	169.55	169.55
X5*	2	63.2	60.3			45.0			63.3	60.4	0	0	6	66.5	63.6	2.9	22.51	18.11	135.04	135.04
X6*	2	62.6	58.5			45.0			62.7	58.7	0	0	6	65.9	61.9	4.0	21.56	15.75	129.35	129.35
X7*	3	74.0	64.9			45.0			74.0	64.9	3	3	9	77.2	68.1	9.1	42.77	25.13	384.92	226.20
X8*	2	66.2	60.3			45.0			66.2	60.4	2	2	6	69.4	63.6	5.8	27.37	18.11	164.23	108.65
X9*	3	62.1	57.6			45.0			62.2	57.8	0	0	9	65.4	61.0	4.4	20.78	14.56	187.05	187.05
X10*	2	65.8	60.9			45.0			65.8	61.0	2	2	6	69.0	64.2	4.8	26.67	18.98	160.04	113.88
X11*	3	73.6	64.8			45.0			73.6	64.8	3	3	9	76.8	68.0	8.8	41.90	24.97	377.08	224.69
X12*	2	65.6	59.7			45.0			65.6	59.8	2	2	6	68.8	63.0	5.8	26.33	17.26	157.98	103.53
X13*	2	62.8	56.5			45.0			62.9	56.8	0	2	6	66.1	60.0	6.1	21.87	13.29	131.23	79.77
X14*	2	71.3	61.3			45.0			71.3	61.4	2	2	6	74.5	64.6	9.9	37.06	19.57	222.35	117.43
X15*	3	65.3	58.8			45.0			65.3	59.0	0	3	9	68.5	62.2	6.3	25.81	16.15	232.31	145.36
X16*	2	66.7	59.2			45.0			66.7	59.4	2	2	6	69.9	62.6	7.3	28.26	16.70	169.55	100.19
X17*	1	74.2	63.3			45.0			74.2	63.4	1	1	3	77.4	66.6	10.8	43.21	22.67	129.63	68.00
X18*	1	69.6	61.6			45.0			69.6	61.7	1	1	3	72.8	64.9	7.9	33.67	20.02	101.01	60.07
X19*	1	68.2	59.8			45.0			68.2	59.9	1	1	3	71.4	63.1	8.3	31.00	17.40	93.00	52.19
X20*	1	66.0	58.3			45.0			66.0	58.5	1	1	3	69.2	61.7	7.5	27.02	15.48	81.06	46.43
X21*	2	64.5	57.1			45.0			64.5	57.4	0	2	6	67.7	60.6	7.1	24.46	14.05	146.78	84.28
X22*	2	62.7	56.1			45.0			62.8	56.4	0	2	6	66.0	59.6	6.4	21.72	12.80	130.29	76.83
X23*	2	74.7	63.1			45.0			74.7	63.2	2	2	6	77.9	66.4	11.5	44.32	22.35	265.90	134.08
X24*	2	69.1	59.8			45.0			69.1	59.9	2	2	6	72.3	63.1	9.2	32.70	17.40	196.22	104.38
X25*	3	67.1	58.7			45.0			67.1	58.9	3	3	9	70.3	62.1	8.2	28.98	16.02	260.79	144.14
X26*	2	65.5	57.4			45.0			65.5	57.6	2	2	6	68.7	60.8	7.9	26.16	14.30	156.93	85.81
X27*	2	63.9	56.2			45.0			64.0	56.5	0	2	6	67.2	59.7	7.5	23.64	12.93	141.83	77.56
X28*	3	62.7	55.3			45.0			62.8	55.7	0	3	9	66.0	58.9	7.1	21.72	11.97	195.44	107.71
X29*	3	61.5	54.2			45.0			61.6	54.7	0	3	9	64.8	57.9	6.9	19.87	10.82	178.84	97.37
X30*	1	73.9	62.7			45.0			73.9	62.8	1	1	3	77.1	66.0	11.1	42.55	21.72	127.65	65.15
X31*	1	74.1	62.7			45.0			74.1	62.8	1	1	3	77.3	66.0	11.3	42.99	21.72	128.97	65.15
X32*	2	68.6	62.3			45.0			68.6	62.4	2	2	6	71.8	65.6	6.2	31.75	21.09	190.50	126.55
X33*	1	65.9	60.8			45.0			65.9	60.9	1	1	3	69.1	64.1	5.0	26.85	18.83	80.54	56.50
X34*	2	64.2	58.6			45.0			64.3	58.8	0	2	6	67.5	62.0	5.5	24.13	15.88	144.79	95.28
X35*	2	63.0	58.5			45.0			63.1	58.7	0	0	6	66.3	61.9	4.4	22.19	15.75	133.13	133.13
X36*	2	62.2	56.7			45.0			62.3	57.0	0	2	6	65.5	60.2	5.3	20.94	13.54	125.62	81.26
X37*	2	61.5	56.0			45.0			61.6	56.3	0	2	6	64.8	59.5	5.3	19.87	12.68	119.23	76.10
X38*	2	60.7	54.8			45.0			60.8	55.2	0	2	6	64.0	58.4	5.6	18.69	11.39	112.12	68.32
X39*	1	72.1	61.9			45.0			72.1	62.0	1	1	3	75.3	65.2	10.1	38.71	20.48	116.12	61.43
X40*	1	68.6	59.7			45.0			68.6	59.8	1	1	3	71.8	63.0	8.8	31.75	17.26	95.25	51.77
X41*	1	66.9	58.8			45.0			66.9	59.0	1	1	3	70.1	62.2	7.9	28.62	16.15	85.85	48.45
X42*	1	65.3	57.6			45.0			65.3	57.8	0	1	3	68.5	61.0	7.5	25.81	14.56	77.44	43.68
X43*	1	64.4	57.0			45.0			64.4	57.3	0	1	3	67.6	60.5	7.1	24.30	13.92	72.89	41.76
X44*	1	63.2	55.8			45.0			63.3	56.1	0	1	3	66.5	59.3	7.2	22.51	12.44	67.52	37.33
X45*	1	62.5	55.3			45.0			62.6	55.7	0	1	3	65.8	58.9	6.9	21.40	11.97	64.21	35.90
X46*	1	61.7	54.8			45.0			61.8	55.2	0	1	3	65.0	58.4	6.6	20.17	11.39	60.52	34.16
X47*	1	71.1	63.7			45.0			71.1	63.8	1	1	3	74.3	67.0	7.3	36.65	23.31	109.95	69.94
X48*	1	71.6	65.0			45.0			71.6	65.0	1	1	3	74.8	68.2	6.6	37.67	25.30	113.02	75.91
X49*	2	69.0	62.1			45.0			69.0	62.2	2	2	6	72.2	65.4	6.8	32.51	20.78	195.07	124.70
X50*	1	65.1	59.8			45.0			65.1	59.9	0	1	3	68.3	63.1	5.2	25.47	17.40	76.42	52.19
X51*	2	62.7	56.9			45.0			62.8	57.2	0	2	6	66.0	60.4	5.6	21.72	13.79	130.29	82.76
X52*	1	63.7	59.4			45.0			63.8	59.6	0	0	3	67.0	62.8	4.2	23.31	16.98	69.94	69.94
X53*	2	61.1	55.9			45.0			61.2	56.2	0	2	6	64.4	59.4	5.0	19.27	12.56	115.65	75.37
X54*	1	63.8	58.2			45.0			63.9	58.4	0	1	3	67.1	61.6	5.5	23.48	15.35	70.43	46.04
X55*	1	68.6	64.1			45.0			68.6	64.2	1	0	3	71.8	67.4	4.4	31.75	23.97	95.25	95.25
X56*	1	66.4	61.7			45.0			66.4	61.8	1	1	3	69.6	65.0	4.6	27.72	20.17	83.17	60.52
X57*	1	64.2	59.3			45.0			64.3	59.5	0	1	3	67.5	62.7	4.8	24.13	16.84	72.40	50.51
X58*	1	63.5	58.6			45.0			63.6	58.8	0	1	3	66.8	62.0	4.8	22.99	15.88	68.97	47.64
X59*	1	68.9	63.8			45.0			68.9	63.9	1	1	3	72.1	67.1	5.0	32.32	23.48	96.96	70.43
X60*	1	64.4	59.1			45.0			64.4	59.3	0	1	3	67.6	62.5	5.1	24.30	16.56	72.89	49.68
X61*	1	62.5	57.3			45.0			62.6	57.5	0	1	3	65.8	60.7	5.1	21.40	14.17	64.21	42.52
X62*	1	60.5	56.0			45.0			60.6	56.3	0	0	3	63.8	59.5	4.3	18.40	12.68	55.19	55.19
X63*	5	57.1	55.7			45.0			57.4	56.1	0	0	15	60.6	59.3	1.3	14.05	12.44	210.71	210.71
X64*	5	55.7	53.6			45.0			56.1	54.2	0	0	15	59.3	57.4	1.9	12.44	10.27	186.63	186.63
X65*	5	55.8	51.9			45.0			56.1	52.7	0	0	15	59.3	55.9	3.4	12.44	8.69	186.63	186.63
X66*	2	61.3	54.8			45.0			61.4	55.2	0	2	6	64.6	58.4	6.2	19.57	11.39	117.43	68.32
X67*	4	60.3	53.7			45.0			60.4	54.2	0	4	12	63.6	57.4	6.2	18.11	10.27	217.29	123.18
X68*	4	60.4	55.1			45.0			60.5	55.5	0	4	12	63.7	58.7	5.0	18.25	11.73	219.02	140.80
X69*	2	61.0	54.6			45.0			61.1	55.1	0	2	6	64.3	58.3	6.0	19.13	11.27	114.76	67.63

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML Exit 28 WB 1**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA No Barrier*	*ACHA With Barrier*	*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*			*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
3320	12	54	73	27.5%	17.4%	240	0.2746	0.3666	$1,826,000	13.2	$25,000
3320	14	54	76	27.5%	16.1%	240	0.2746	0.4134	$2,028,000	13.4	$26,700
3320	16	54	76	27.5%	15.3%	240	0.2746	0.4440	$2,230,000	13.1	$29,300
3320	18	54	78	27.5%	14.5%	240	0.2746	0.4718	$2,431,000	12.8	$31,200
3320	20	54	78	27.5%	13.9%	240	0.2746	0.4925	$2,633,000	12.3	$33,800
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: **ML Exit 28 WB 1** ***Date:*** 04/02/03
Analyst: JAV ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
3321	14	54	76	27.5%	16.1%	240	27.5%	0.4133605	$2,027,681	13.44	$26,680

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
Y-M2	0	69.7	58.0			45.0			69.7	58.2	0	0	0	72.2	60.7	11.5	32.51	14.17	0.00	0.00
Y1*	1	72.0	62.9			45.0			72.0	63.0	1	1	3	74.5	65.5	9.0	37.06	20.94	111.17	62.81
Y2*	2	68.7	62.4			45.0			68.7	62.5	2	2	6	71.2	65.0	6.2	30.63	20.17	183.76	121.04
Y3*	1	65.0	60.0			45.0			65.0	60.1	0	1	3	67.5	62.6	4.9	24.13	16.70	72.40	50.10
Y4*	1	61.9	57.8			45.0			62.0	58.0	0	0	3	64.5	60.5	4.0	19.42	13.92	58.27	58.27
Y5*	1	67.4	60.8			45.0			67.4	60.9	1	1	3	69.9	63.4	6.5	28.26	17.82	84.77	53.46
Y6*	1	61.5	56.7			45.0			61.6	57.0	0	1	3	64.1	59.5	4.6	18.83	12.68	56.50	38.05
Y7*	2	67.4	60.4			45.0			67.4	60.5	2	2	6	69.9	63.0	6.9	28.26	17.26	169.55	103.53
Y8*	2	65.2	59.2			45.0			65.2	59.4	0	2	6	67.7	61.9	5.8	24.46	15.75	146.78	94.47
Y9*	2	71.7	62.6			45.0			71.7	62.7	2	2	6	74.2	65.2	9.0	36.45	20.48	218.69	122.86
Y10*	3	65.1	58.6			45.0			65.1	58.8	0	3	9	67.6	61.3	6.3	24.30	14.95	218.68	134.55
Y11*	2	61.2	55.6			45.0			61.3	56.0	0	2	6	63.8	58.5	5.3	18.40	11.50	110.38	69.01
Y12*	2	69.4	59.0			45.0			69.4	59.2	2	2	6	71.9	61.7	10.2	31.94	15.48	191.64	92.87
Y13*	2	67.9	60.1			45.0			67.9	60.2	2	2	6	70.4	62.7	7.7	29.16	16.84	174.95	101.02
Y14*	2	66.3	59.2			45.0			66.3	59.4	2	2	6	68.8	61.9	6.9	26.33	15.75	157.96	94.47
Y15*	1	64.3	57.6			45.0			64.4	57.8	0	1	3	66.9	60.3	6.6	23.15	13.67	69.45	41.01
Y16*	2	62.8	56.2			45.0			62.9	56.5	0	2	6	65.4	59.0	6.4	20.78	12.09	124.70	72.51
Y17*	1	73.8	62.1			45.0			73.8	62.2	1	1	3	76.3	64.7	11.6	40.82	19.72	122.46	59.16
Y18*	1	67.3	59.4			45.0			67.3	59.6	1	1	3	69.8	62.1	7.7	28.08	16.02	84.24	48.05
Y19*	2	63.9	57.1			45.0			64.0	57.4	0	2	6	66.5	59.9	6.6	22.51	13.17	135.04	79.03
Y20*	1	71.8	61.8			45.0			71.8	61.9	1	1	3	74.3	64.4	9.9	36.65	19.27	109.95	57.82
Y21*	2	68.1	59.6			45.0			68.1	59.7	2	2	6	70.6	62.2	8.4	29.52	16.15	177.13	96.90
Y22*	1	70.2	60.9			45.0			70.2	61.0	1	1	3	72.7	63.5	9.2	33.47	17.96	100.42	53.89
Y23*	2	65.5	57.9			45.0			65.5	58.1	2	2	6	68.0	60.6	7.4	24.97	14.05	149.79	84.28
Y24*	1	69.5	60.5			45.0			69.5	60.6	1	1	3	72.0	63.1	8.9	32.13	17.40	96.39	52.19
Y25*	2	67.2	59.0			45.0			67.2	59.2	2	2	6	69.7	61.7	8.0	27.90	15.48	167.41	92.87
Y26*	2	61.0	54.5			45.0			61.1	55.0	0	2	6	63.6	57.5	6.1	18.11	10.37	108.65	62.25
Y27*	2	70.2	60.7			45.0			70.2	60.8	2	2	6	72.7	63.3	9.4	33.47	17.68	200.85	106.08
Y28*	2	67.2	58.7			45.0			67.2	58.9	2	2	6	69.7	61.4	8.3	27.90	15.08	167.41	90.49
Y29*	2	63.6	56.2			45.0			63.7	56.5	0	2	6	66.2	59.0	7.2	22.03	12.09	132.18	72.51
Y30*	2	70.0	60.5			45.0			70.0	60.6	2	2	6	72.5	63.1	9.4	33.09	17.40	198.53	104.38
Y31*	3	66.9	58.6			45.0			66.9	58.8	3	3	9	69.4	61.3	8.1	27.37	14.95	246.35	134.55
Y32*	1	60.6	55.9			45.0			60.7	56.2	0	1	3	63.2	58.7	4.5	17.54	11.73	52.61	35.20
Y33*	2	69.3	60.4			45.0			69.3	60.5	2	2	6	71.8	63.0	8.8	31.75	17.26	190.50	103.53
Y34*	2	69.4	61.9			45.0			69.4	62.0	2	2	6	71.9	64.5	7.4	31.94	19.42	191.64	116.54
Y35*	3	67.6	62.1			45.0			67.6	62.2	3	3	9	70.1	64.7	5.4	28.62	19.72	257.55	177.49
Y36*	2	63.3	61.3			45.0			63.4	61.4	0	0	6	65.9	63.9	2.0	21.56	18.54	129.35	129.35
Y37*	3	69.4	60.1			45.0			69.4	60.2	3	3	9	71.9	62.7	9.2	31.94	16.84	287.46	151.53
Y38*	1	66.4	58.6			45.0			66.4	58.8	1	1	3	68.9	61.3	7.6	26.50	14.95	79.50	44.85
Y39*	1	66.7	58.0			45.0			66.7	58.2	1	1	3	69.2	60.7	8.5	27.02	14.17	81.06	42.52
Y40*	2	66.6	57.9			45.0			66.6	58.1	2	2	6	69.1	60.6	8.5	26.85	14.05	161.08	84.28
Y41*	1	65.4	56.9			45.0			65.4	57.2	0	1	3	67.9	59.7	8.2	24.80	12.93	74.39	38.78
Y42*	1	65.0	58.2			45.0			65.0	58.4	0	1	3	67.5	60.9	6.6	24.13	14.43	72.40	43.29
Y43*	3	67.7	59.1			45.0			67.7	59.3	3	3	9	70.2	61.8	8.4	28.80	15.61	259.17	140.50
Y44*	2	68.9	60.3			45.0			68.9	60.4	2	2	6	71.4	62.9	8.5	31.00	17.12	185.99	102.69
Y45*	1	69.4	60.4			45.0			69.4	60.5	1	1	3	71.9	63.0	8.9	31.94	17.26	95.82	51.77
Y46*	1	62.4	55.5			45.0			62.5	55.9	0	1	3	65.0	58.4	6.6	20.17	11.39	60.52	34.16
Y47*	1	63.5	59.1			45.0			63.6	59.3	0	0	3	66.1	61.8	4.3	21.87	15.61	65.62	65.62

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML Exit 30 WB 3**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA No Barrier*	*ACHA With Barrier*	*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*			*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
1720	12	26	25	23.8%	21.3%	336	0.2380	0.1062	$938,000	9.1	$37,500
1720	14	26	25	23.8%	21.0%	336	0.2381	0.1167	$1,041,000	9.0	$41,700
1720	16	26	25	23.8%	20.8%	336	0.2381	0.1247	$1,145,000	8.7	$45,800
1720	18	26	25	23.8%	20.7%	336	0.2381	0.1310	$1,248,000	8.4	$49,900
1720	20	26	25	23.8%	20.6%	336	0.2381	0.1362	$1,351,000	8.1	$54,100
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
1720	10	26	25	23.8%	21.6%	336	0.2380	0.0909	$835,000	8.7	$33,400
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: ML Exit 30 WB 3 *Date:* 04/02/03
Analyst: JAV *Company:* BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
1721	12	26	25	23.8%	21.3%	336	23.8%	0.1061753	$938,125	9.05	$37,525

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
Z1	6	67.2	60.0			55.0			67.5	61.2	6	6	18	71.1	64.8	6.3	30.44	19.87	547.93	357.69
Z2"	1	69.9	62.3			55.0			70.0	63.0	1	1	3	73.6	66.6	7.0	35.24	22.67	105.73	68.00
Z3"	21	61.5	57.5			55.0			62.4	59.4	0	0	63	66.0	63.0	3.0	21.72	17.26	1368.06	1368.06
Z4"	9	68.4	60.8			55.0			68.6	61.8	9	9	27	72.2	65.4	6.8	32.51	20.78	877.81	561.15
Z5"	21	60.7	57.6			55.0			61.7	59.5	0	0	63	65.3	63.1	2.2	20.63	17.40	1299.69	1299.69
Z6"	9	67.1	59.2			55.0			67.4	60.6	9	9	27	71.0	64.2	6.8	30.26	18.98	816.90	512.45
Z7"	30	61.4	57.6			55.0			62.3	59.5	0	0	90	65.9	63.1	2.8	21.56	17.40	1940.27	1940.27
Z8"	1	62.6	59.5			55.0			63.3	60.8	0	0	3	66.9	64.4	2.5	23.15	19.27	69.45	69.45
Z9"	1	63.2	60.9			55.0			63.8	61.9	0	0	3	67.4	65.5	1.9	23.97	20.94	71.90	71.90
Z10"	1	64.0	61.8			55.0			64.5	62.6	0	0	3	68.1	66.2	1.9	25.13	22.03	75.40	75.40
Z11"	1	64.0	61.1			55.0			64.5	62.1	0	0	3	68.1	65.7	2.4	25.13	21.25	75.40	75.40
Z12"	1	64.4	61.2			55.0			64.9	62.1	0	0	3	68.5	65.7	2.8	25.81	21.25	77.44	77.44
Z13"	1	64.7	61.1			55.0			65.1	62.1	0	0	3	68.7	65.7	3.0	26.16	21.25	78.47	78.47
Z14"	1	65.5	61.6			55.0			65.9	62.5	1	0	3	69.5	66.1	3.4	27.55	21.87	82.64	82.64
Z15"	8	61.1	58.5			55.0			62.1	60.1	0	0	24	65.7	63.7	2.0	21.25	18.25	509.92	509.92

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML Exit 31 EB 2**

Length (feet)	*Height (feet)*	*No. of Residences Impacted*	*Benefited*	*ACHA No Barrier*	*ACHA With Barrier*	*Terms in the Priority Index Equation Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*	*Priority Index*	*Cost per Res. Benefited*
1920	12	25	45	23.7%	18.5%	279	0.2372	0.2212	$1,052,000	13.9	$23,400
1920	14	25	48	23.7%	17.7%	279	0.2372	0.2552	$1,169,000	14.5	$24,300
1920	16	25	51	23.7%	17.0%	279	0.2372	0.2816	$1,285,000	14.5	$25,200
1920	18	25	54	23.7%	16.5%	279	0.2372	0.3039	$1,401,000	14.4	$25,900
1920	20	25	54	23.7%	16.3%	279	0.2372	0.3135	$1,517,000	13.7	$28,100
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: ML Exit 31 EB 2 *Date:* 07/16/03
Analyst: JAV *Company:* BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
1918	14	25	48	23.7%	17.7%	279	23.7%	0.2552057	$1,168,567	14.45	$24,345

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
AA1	1	68.9	60.5			50.0			69.0	60.9	1	1	3	73.0	64.9	8.1	34.06	20.02	102.18	60.07
AA2"	1	64.7	58.2			50.0			64.8	58.8	0	1	3	68.8	62.8	6.0	26.33	16.98	78.98	50.93
AA3"	3	70.1	60.3			50.0			70.1	60.7	3	3	9	74.1	64.7	9.4	36.25	19.72	326.22	177.49
AA4"	3	65.4	57.9			50.0			65.5	58.6	0	3	9	69.5	62.6	6.9	27.55	16.70	247.93	150.29
AA5"	3	62.4	56.4			50.0			62.6	57.3	0	3	9	66.6	61.3	5.3	22.67	14.95	204.00	134.55
AA6"	3	65.5	57.5			50.0			65.6	58.2	3	3	9	69.6	62.2	7.4	27.72	16.15	249.52	145.36
AA7"	3	61.8	56.9			50.0			62.1	57.7	0	0	9	66.1	61.7	4.4	21.87	15.48	196.85	196.85
AA8"	5	70.4	59.7			50.0			70.4	60.1	5	5	15	74.4	64.1	10.3	36.85	18.83	552.82	282.49
AA9"	3	65.0	58.0			50.0			65.1	58.6	0	3	9	69.1	62.6	6.5	26.85	16.70	241.62	150.29
AA10"	3	61.1	56.7			50.0			61.4	57.5	0	0	9	65.4	61.5	3.9	20.78	15.21	187.05	187.05
AA11"	3	57.7	54.8			50.0			58.4	56.0	0	0	9	62.4	60.0	2.4	16.42	13.29	147.81	147.81
AA12"	2	67.8	58.8			50.0			67.9	59.3	2	2	6	71.9	63.3	8.6	31.94	17.68	191.64	106.08
AA13"	3	63.7	58.7			50.0			63.9	59.2	0	3	9	67.9	63.2	4.7	24.80	17.54	223.18	157.84
AA14"	3	59.6	56.3			50.0			60.1	57.2	0	0	9	64.1	61.2	2.9	18.83	14.82	169.50	169.50
AA15"	3	56.9	54.6			50.0			57.7	55.9	0	0	9	61.7	59.9	1.8	15.48	13.17	139.30	139.30
AA16"	5	57.7	54.5			50.0			58.4	55.8	0	0	15	62.4	59.8	2.6	16.42	13.05	246.35	246.35
AA17"	5	59.2	54.9			50.0			59.7	56.1	0	0	15	63.7	60.1	3.6	18.25	13.42	273.77	273.77
AA18"	4	57.4	54.4			50.0			58.1	55.7	0	0	12	62.1	59.7	2.4	16.02	12.93	192.18	192.18
AA19"	4	60.3	56.8			50.0			60.7	57.6	0	0	12	64.7	61.6	3.1	19.72	15.35	236.66	236.66
AA20"	3	60.7	56.4			50.0			61.1	57.3	0	0	9	65.1	61.3	3.8	20.32	14.95	182.92	182.92
AA21"	4	58.9	54.5			50.0			59.4	55.8	0	0	12	63.4	59.8	3.6	17.82	13.05	213.86	213.86
AA22"	3	66.4	58.8			50.0			66.5	59.3	3	3	9	70.5	63.3	7.2	29.34	17.68	264.05	159.11
AA23"	3	62.2	55.7			50.0			62.5	56.7	0	3	9	66.5	60.7	5.8	22.51	14.17	202.56	127.57
AA24"	4	69.2	60.2			50.0			69.3	60.6	4	4	12	73.3	64.6	8.7	34.65	19.57	415.79	234.86
AA25"	4	65.2	58.3			50.0			65.3	58.9	0	4	12	69.3	62.9	6.4	27.20	17.12	326.36	205.39
AA26"	3	61.5	55.7			50.0			61.8	56.7	0	3	9	65.8	60.7	5.1	21.40	14.17	192.62	127.57
AA27"	2	70.5	62.4			50.0			70.5	62.6	2	2	6	74.5	66.6	7.9	37.06	22.67	222.35	136.00
AA28"	2	65.7	60.0			50.0			65.8	60.4	2	2	6	69.8	64.4	5.4	28.08	19.27	168.48	115.65
AA29"	3	56.3	53.8			50.0			57.2	55.3	0	0	9	61.2	59.3	1.9	14.82	12.44	133.37	133.37
AA30"	2	56.0	52.4			50.0			57.0	54.4	0	0	6	61.0	58.4	2.6	14.56	11.39	87.36	87.36

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML Exit 35 WB 1**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*	*ACHA*	*Terms in the Priority Index Equation*				*Priority*	*Cost*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*	*Index*	*per Res. Benefited*
4650	12	51	147	23.7%	16.1%	534	0.2366	0.3198	$2,535,000	15.9	$17,200
4650	14	51	160	23.7%	14.6%	534	0.2366	0.3837	$2,814,000	17.2	$17,600
4650	16	51	166	23.7%	13.6%	534	0.2367	0.4257	$3,093,000	17.4	$18,600
4650	18	51	173	23.7%	12.7%	534	0.2367	0.4640	$3,372,000	17.4	$19,500
4650	20	51	175	23.7%	12.0%	534	0.2367	0.4920	$3,651,000	17.0	$20,900
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: **ML Exit 35 WB 1** ***Date:*** 04/02/03
Analyst: JAV ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
4651	16	51	166	23.7%	13.6%	534	23.7%	0.4257077	$3,092,885	17.40	$18,632

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
BB-M2	0	76.1	61.7			45.0			76.1	61.8	0	0	0	79.5	65.2	14.3	47.95	20.48	0.00	0.00
BB1*	1	70.2	61.1			45.0			70.2	61.2	1	1	3	73.6	64.6	9.0	35.24	19.57	105.73	58.72
BB2*	2	63.7	58.0			45.0			63.8	58.2	0	2	6	67.2	61.6	5.6	23.64	15.35	141.83	92.07
BB3*	2	61.8	56.7			45.0			61.9	57.0	0	2	6	65.3	60.4	4.9	20.63	13.79	123.78	82.76
BB4*	3	69.8	60.8			45.0			69.8	60.9	3	3	9	73.2	64.3	8.9	34.45	19.13	310.07	172.14
BB5*	2	63.7	57.2			45.0			63.8	57.5	0	2	6	67.2	60.9	6.3	23.64	14.43	141.83	86.58
BB6*	2	60.9	54.2			45.0			61.0	54.7	0	2	6	64.4	58.1	6.3	19.27	11.04	115.65	66.26
BB7*	2	60.1	53.8			45.0			60.2	54.3	0	2	6	63.6	57.7	5.9	18.11	10.60	108.65	63.57
BB8*	3	70.0	60.7			45.0			70.0	60.8	3	3	9	73.4	64.2	9.2	34.85	18.98	313.62	170.82
BB9*	3	63.6	56.7			45.0			63.7	57.0	0	3	9	67.1	60.4	6.7	23.48	13.79	211.28	124.15
BB10*	3	59.6	53.5			45.0			59.7	54.1	0	3	9	63.1	57.5	5.6	17.40	10.37	156.57	93.37
BB11*	3	69.6	60.5			45.0			69.6	60.6	3	3	9	73.0	64.0	9.0	34.06	18.69	306.54	168.18
BB12*	2	59.2	52.0			45.0			59.4	52.8	0	2	6	62.8	56.2	6.6	16.98	8.99	101.86	53.96
BB13*	2	58.1	53.8			45.0			58.3	54.3	0	0	6	61.7	57.7	4.0	15.48	10.60	92.87	92.87
BB14*	2	59.0	51.9			45.0			59.2	52.7	0	2	6	62.6	56.1	6.5	16.70	8.89	100.19	53.35
BB15*	2	58.1	53.7			45.0			58.3	54.2	0	0	6	61.7	57.6	4.1	15.48	10.49	92.87	92.87
BB16*	3	69.3	60.4			45.0			69.3	60.5	3	3	9	72.7	63.9	8.8	33.47	18.54	301.27	166.87
BB17*	4	61.8	55.0			45.0			61.9	55.4	0	4	12	65.3	58.8	6.5	20.63	11.85	247.56	142.20
BB18*	5	58.2	53.9			45.0			58.4	54.4	0	0	15	61.8	57.8	4.0	15.61	10.71	234.17	234.17
BB19*	2	68.5	60.0			45.0			68.5	60.1	2	2	6	71.9	63.5	8.4	31.94	17.96	191.64	107.79
BB20*	2	63.4	56.3			45.0			63.5	56.6	0	2	6	66.9	60.0	6.9	23.15	13.29	138.90	79.77
BB21*	1	71.1	60.9			45.0			71.1	61.0	1	1	3	74.5	64.4	10.1	37.06	19.27	111.17	57.82
BB22*	1	68.4	59.4			45.0			68.4	59.6	1	1	3	71.8	63.0	8.8	31.75	17.26	95.25	51.77
BB23*	1	65.3	57.9			45.0			65.3	58.1	0	1	3	68.7	61.5	7.2	26.16	15.21	78.47	45.64
BB24*	2	59.8	54.7			45.0			59.9	55.1	0	2	6	63.3	58.5	4.8	17.68	11.50	106.08	69.01
BB25*	4	64.8	57.5			45.0			64.8	57.7	0	4	12	68.2	61.1	7.1	25.30	14.69	303.63	176.27
BB26*	3	58.9	52.7			45.0			59.1	53.4	0	3	9	62.5	56.8	5.7	16.56	9.62	149.05	86.57
BB27*	2	59.4	53.4			45.0			59.6	54.0	0	2	6	63.0	57.4	5.6	17.26	10.27	103.53	61.59
BB28*	1	72.4	61.0			45.0			72.4	61.1	1	1	3	75.8	64.5	11.3	39.76	19.42	119.27	58.27
BB29*	1	68.8	59.1			45.0			68.8	59.3	1	1	3	72.2	62.7	9.5	32.51	16.84	97.53	50.51
BB30*	1	61.2	54.1			45.0			61.3	54.6	0	1	3	64.7	58.0	6.7	19.72	10.93	59.16	32.79
BB31*	2	74.4	61.1			45.0			74.4	61.2	2	2	6	77.8	64.6	13.2	44.09	19.57	264.56	117.43
BB32*	2	68.0	59.1			45.0			68.0	59.3	2	2	6	71.4	62.7	8.7	31.00	16.84	185.99	101.02
BB33*	3	64.6	57.5			45.0			64.6	57.7	0	3	9	68.0	61.1	6.9	24.97	14.69	224.69	132.20
BB34*	3	61.2	55.3			45.0			61.3	55.7	0	3	9	64.7	59.1	5.6	19.72	12.20	177.49	109.83
BB35*	3	59.0	53.6			45.0			59.2	54.2	0	3	9	62.6	57.6	5.0	16.70	10.49	150.29	94.37
BB36*	2	69.9	60.2			45.0			69.9	60.3	2	2	6	73.3	63.7	9.6	34.65	18.25	207.90	109.51
BB37*	4	66.1	57.8			45.0			66.1	58.0	4	4	12	69.5	61.4	8.1	27.55	15.08	330.58	180.97
BB38*	4	62.0	54.0			45.0			62.1	54.5	0	4	12	65.5	57.9	7.6	20.94	10.82	251.25	129.83
BB39*	4	59.3	52.2			45.0			59.5	53.0	0	4	12	62.9	56.4	6.5	17.12	9.20	205.39	110.40
BB40*	3	58.1	51.8			45.0			58.3	52.6	0	3	9	61.7	56.0	5.7	15.48	8.79	139.30	79.10
BB41*	2	68.7	59.6			45.0			68.7	59.7	2	2	6	72.1	63.1	9.0	32.32	17.40	193.92	104.38
BB42*	3	63.4	55.2			45.0			63.5	55.6	0	3	9	66.9	59.0	7.9	23.15	12.09	208.35	108.77
BB43*	2	60.9	53.2			45.0			61.0	53.8	0	2	6	64.4	57.2	7.2	19.27	10.05	115.65	60.29
BB44*	1	59.5	52.6			45.0			59.7	53.3	0	1	3	63.1	56.7	6.4	17.40	9.51	52.19	28.54
BB45*	5	58.9	52.6			45.0			59.1	53.3	0	5	15	62.5	56.7	5.8	16.56	9.51	248.41	142.71
BB46*	1	72.6	61.7			45.0			72.6	61.8	1	1	3	76.0	65.2	10.8	40.18	20.48	120.54	61.43
BB47*	2	69.0	59.8			45.0			69.0	59.9	2	2	6	72.4	63.3	9.1	32.90	17.68	197.37	106.08
BB48*	3	64.6	56.1			45.0			64.6	56.4	0	3	9	68.0	59.8	8.2	24.97	13.05	224.69	117.44
BB49*	3	61.3	53.7			45.0			61.4	54.2	0	3	9	64.8	57.6	7.2	19.87	10.49	178.84	94.37
BB50*	1	59.3	53.9			45.0			59.5	54.4	0	1	3	62.9	57.8	5.1	17.12	10.71	51.35	32.12
BB51*	3	58.3	51.2			45.0			58.5	52.1	0	3	9	61.9	55.5	6.4	15.75	8.29	141.71	74.59
BB52*	1	71.0	61.1			45.0			71.0	61.2	1	1	3	74.4	64.6	9.8	36.85	19.57	110.56	58.72
BB53*	2	68.4	59.3			45.0			68.4	59.5	2	2	6	71.8	62.9	8.9	31.75	17.12	190.50	102.69
BB54*	4	63.7	55.3			45.0			63.8	55.7	0	4	12	67.2	59.1	8.1	23.64	12.20	283.66	146.45
BB55*	4	60.7	52.8			45.0			60.8	53.5	0	4	12	64.2	56.9	7.3	18.98	9.73	227.76	116.71
BB56*	4	57.6	50.6			45.0			57.8	51.7	0	4	12	61.2	55.1	6.1	14.82	7.90	177.83	94.77
BB57*	1	72.2	61.5			45.0			72.2	61.6	1	1	3	75.6	65.0	10.6	39.34	20.17	118.01	60.52
BB58*	1	68.2	58.8			45.0			68.2	59.0	1	1	3	71.6	62.4	9.2	31.37	16.42	94.12	49.27
BB59*	3	65.1	56.5			45.0			65.1	56.8	0	3	9	68.5	60.2	8.3	25.81	13.54	232.31	121.89
BB60*	4	62.0	54.3			45.0			62.1	54.8	0	4	12	65.5	58.2	7.3	20.94	11.16	251.25	133.89
BB61*	4	59.5	52.6			45.0			59.7	53.3	0	4	12	63.1	56.7	6.4	17.40	9.51	208.76	114.16
BB62*	3	57.4	51.5			45.0			57.6	52.4	0	3	9	61.0	55.8	5.2	14.56	8.59	131.04	77.28
BB63*	2	71.5	61.3			45.0			71.5	61.4	2	2	6	74.9	64.8	10.1	37.88	19.87	227.27	119.23
BB64*	3	66.1	58.0			45.0			66.1	58.2	3	3	9	69.5	61.6	7.9	27.55	15.35	247.93	138.11
BB65*	3	62.5	56.2			45.0			62.6	56.5	0	3	9	66.0	59.9	6.1	21.72	13.17	195.44	118.54
BB66*	3	60.9	55.4			45.0			61.0	55.8	0	3	9	64.4	59.2	5.2	19.27	12.32	173.47	110.90
BB67*	2	59.3	55.4			45.0			59.5	55.8	0	0	6	62.9	59.2	3.7	17.12	12.32	102.69	102.69
BB68*	1	74.8	61.2			45.0			74.8	61.3	1	1	3	78.2	64.7	13.5	44.99	19.72	134.96	59.16
BB69*	1	69.5	59.7			45.0			69.5	59.8	1	1	3	72.9	63.2	9.7	33.86	17.54	101.59	52.61
BB70*	1	74.8	62.1			45.0			74.8	62.2	1	1	3	78.2	65.6	12.6	44.99	21.09	134.96	63.28
BB71*	2	70.2	60.5			45.0			70.2	60.6	2	2	6	73.6	64.0	9.6	35.24	18.69	211.46	112.12
BB72*	2	66.8	59.6			45.0			66.8	59.7	2	2	6	70.2	63.1	7.1	28.80	17.40	172.78	104.38
BB73*	2	64.4	59.3			45.0			64.4	59.5	0	2	6	67.8	62.9	4.9	24.63	17.12	147.78	102.69
BB74*	1	63.4	58.3			45.0			63.5	58.5	0	1	3	66.9	61.9	5.0	23.15	15.75	69.45	47.24
BB75*	1	62.1	58.9			45.0			62.2	59.1	0	0	3	65.6	62.5	3.1	21.09	16.56	63.28	63.28

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML Exit 38 EB 2**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*	*ACHA*	*Terms in the Priority Index Equation*				*Priority*	*Cost*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*	*Index*	*per Res. Benefited*
2720	10	52	85	23.7%	17.4%	384	0.2373	0.2658	$1,332,000	18.2	$15,700
2720	12	52	96	23.7%	16.1%	384	0.2373	0.3210	$1,498,000	19.5	$15,600
2720	14	52	97	23.7%	15.4%	384	0.2373	0.3530	$1,663,000	19.3	$17,100
2720	16	52	107	23.7%	14.3%	384	0.2373	0.3954	$1,829,000	19.7	$17,100
2720	18	52	107	23.7%	13.9%	384	0.2373	0.4148	$1,994,000	19.0	$18,600
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: ML Exit 38 EB 2 ***Date:*** 04/02/03
Analyst: JAV ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
2724	16	52	107	23.7%	14.3%	384	23.7%	0.3953853	$1,828,681	19.70	$17,090

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)								Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL				TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
CC1	1	69.1	61.7			45.0			69.1	61.8	1	1	3	71.5	64.2	7.3	31.19	18.98	93.56	56.94
CC2*	1	65.4	60.7			45.0			65.4	60.8	0	1	3	67.8	63.2	4.6	24.63	17.54	73.89	52.61
CC3*	1	71.5	61.9			45.0			71.5	62.0	1	1	3	73.9	64.4	9.5	35.84	19.27	107.53	57.82
CC4*	2	59.8	56.0			45.0			59.9	56.3	0	0	6	62.3	58.7	3.6	16.29	11.73	97.72	97.72
CC5*	2	71.2	61.6			45.0			71.2	61.7	2	2	6	73.6	64.1	9.5	35.24	18.83	211.46	113.00
CC6*	2	60.4	55.5			45.0			60.5	55.9	0	2	6	62.9	58.3	4.6	17.12	11.27	102.69	67.63
CC7*	3	61.5	55.7			45.0			61.6	56.1	0	3	9	64.0	58.5	5.5	18.69	11.50	168.18	103.51
CC8*	2	61.7	56.9			45.0			61.8	57.2	0	2	6	64.2	59.6	4.6	18.98	12.80	113.88	76.83
CC9*	2	60.9	54.9			45.0			61.0	55.3	0	2	6	63.4	57.7	5.7	17.82	10.60	106.93	63.57
CC10*	3	71.4	61.6			45.0			71.4	61.7	3	3	9	73.8	64.1	9.7	35.64	18.83	320.79	169.50
CC11*	2	61.9	55.7			45.0			62.0	56.1	0	2	6	64.4	58.5	5.9	19.27	11.50	115.65	69.01
CC12*	4	60.1	54.5			45.0			60.2	55.0	0	4	12	62.6	57.4	5.2	16.70	10.27	200.39	123.18
CC13*	3	62.6	55.8			45.0			62.7	56.1	0	3	9	65.1	58.5	6.6	20.32	11.50	182.92	103.51
CC14*	4	72.2	61.7			45.0			72.2	61.8	4	4	12	74.6	64.2	10.4	37.26	18.98	447.15	227.76
CC15*	3	62.4	55.7			45.0			62.5	56.1	0	3	9	64.9	58.5	6.4	20.02	11.50	180.20	103.51
CC16*	3	64.0	55.9			45.0			64.1	56.2	0	3	9	66.5	58.6	7.9	22.51	11.62	202.56	104.55
CC17*	4	61.9	54.6			45.0			62.0	55.1	0	4	12	64.4	57.5	6.9	19.27	10.37	231.30	124.50
CC18*	1	65.7	56.7			45.0			65.7	57.0	1	1	3	68.1	59.4	8.7	25.13	12.56	75.40	37.69
CC19*	3	73.2	61.6			45.0			73.2	61.7	3	3	9	75.6	64.1	11.5	39.34	18.83	354.03	169.50
CC20*	1	70.4	60.3			45.0			70.4	60.4	1	1	3	72.8	62.8	10.0	33.67	16.98	101.01	50.93
CC21*	2	66.4	57.8			45.0			66.4	58.0	2	2	6	68.8	60.4	8.4	26.33	13.79	157.96	82.76
CC22*	2	64.5	56.8			45.0			64.5	57.1	0	2	6	66.9	59.5	7.4	23.15	12.68	138.90	76.10
CC23*	1	63.2	55.5			45.0			63.3	55.9	0	1	3	65.7	58.3	7.4	21.25	11.27	63.74	33.81
CC24*	1	61.9	55.0			45.0			62.0	55.4	0	1	3	64.4	57.8	6.6	19.27	10.71	57.82	32.12
CC25*	4	67.5	58.4			45.0			67.5	58.6	4	4	12	69.9	61.0	8.9	28.26	14.56	339.10	174.72
CC26*	4	62.4	54.5			45.0			62.5	55.0	0	4	12	64.9	57.4	7.5	20.02	10.27	240.27	123.18
CC27*	4	71.2	60.9			45.0			71.2	61.0	4	4	12	73.6	63.4	10.2	35.24	17.82	422.93	213.86
CC28*	6	60.3	53.3			45.0			60.4	53.9	0	6	18	62.8	56.3	6.5	16.98	9.10	305.57	163.73
CC29*	4	65.9	58.1			45.0			65.9	58.3	4	4	12	68.3	60.7	7.6	25.47	14.17	305.66	170.09
CC30*	6	70.7	60.8			45.0			70.7	60.9	6	6	18	73.1	63.3	9.8	34.26	17.68	616.60	318.23
CC31*	4	66.0	58.4			45.0			66.0	58.6	4	4	12	68.4	61.0	7.4	25.64	14.56	307.70	174.72
CC32*	4	59.0	53.4			45.0			59.2	54.0	0	4	12	61.6	56.4	5.2	15.35	9.20	184.14	110.40
CC33*	1	62.7	57.4			45.0			62.8	57.6	0	1	3	65.2	60.0	5.2	20.48	13.29	61.43	39.88
CC34*	2	64.3	58.2			45.0			64.4	58.4	0	2	6	66.8	60.8	6.0	22.99	14.30	137.93	85.81
CC35*	4	65.6	58.6			45.0			65.6	58.8	4	4	12	68.0	61.2	6.8	24.97	14.82	299.58	177.83
CC36*	4	69.9	60.4			45.0			69.9	60.5	4	4	12	72.3	62.9	9.4	32.70	17.12	392.44	205.39
CC37*	4	68.5	60.6			45.0			68.5	60.7	4	4	12	70.9	63.1	7.8	30.07	17.40	360.86	208.76
CC38*	4	63.6	59.4			45.0			63.7	59.6	0	0	12	66.1	62.0	4.1	21.87	15.88	262.47	262.47
CC39*	4	61.9	58.4			45.0			62.0	58.6	0	0	12	64.4	61.0	3.4	19.27	14.56	231.30	231.30
CC40*	4	60.6	57.4			45.0			60.7	57.6	0	0	12	63.1	60.0	3.1	17.40	13.29	208.76	208.76
CC41*	2	61.1	56.2			45.0			61.2	56.5	0	2	6	63.6	58.9	4.7	18.11	11.97	108.65	71.80
CC42*	3	58.9	53.8			45.0			59.1	54.3	0	3	9	61.5	56.7	4.8	15.21	9.51	136.92	85.62
CC43*	4	57.6	53.8			45.0			57.8	54.3	0	0	12	60.2	56.7	3.5	13.54	9.51	162.52	162.52
CC44*	3	57.7	53.5			45.0			57.9	54.1	0	0	9	60.3	56.5	3.8	13.67	9.30	123.02	123.02

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML Exit 38 EB 1**

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
3900	12	56	112	24.4%	16.3%	378	0.2438	0.3321	$2,142,000	14.3	$19,100
3900	14	56	117	24.4%	15.0%	378	0.2438	0.3841	$2,379,000	14.9	$20,300
3900	16	56	120	24.4%	14.1%	378	0.2438	0.4234	$2,615,000	14.9	$21,800
3900	18	56	123	24.4%	13.2%	378	0.2438	0.4578	$2,852,000	14.8	$23,200
3900	20	56	126	24.4%	12.5%	378	0.2438	0.4881	$3,089,000	14.6	$24,500
3900	22	56	126	24.4%	11.9%	378	0.2438	0.5104	$3,326,000	14.1	$26,400
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: ML Exit 38 EB 1 *Date:* 04/02/03
Analyst: JAV *Company:* BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
3896	14	56	117	24.4%	15.0%	378	24.4%	0.384113	$2,378,624	14.88	$20,330

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
DD1	1	70.5	63.4			45.0			70.5	63.5	1	1	3	72.9	65.9	7.0	33.86	21.56	101.59	64.68
DD2*	1	69.4	62.9			45.0			69.4	63.0	1	1	3	71.8	65.4	6.4	31.75	20.78	95.25	62.35
DD3*	1	68.8	61.0			45.0			68.8	61.1	1	1	3	71.2	63.5	7.7	30.63	17.96	91.88	53.89
DD4*	2	66.3	59.4			45.0			66.3	59.6	2	2	6	68.7	62.0	6.7	26.16	15.88	156.93	95.28
DD5*	3	63.8	57.7			45.0			63.9	57.9	0	3	9	66.3	60.3	6.0	22.19	13.67	199.70	123.02
DD6*	2	63.1	56.7			45.0			63.2	57.0	0	2	6	65.6	59.4	6.2	21.09	12.56	126.55	75.37
DD7*	1	69.9	61.3			45.0			69.9	61.4	1	1	3	72.3	63.8	8.5	32.70	18.40	98.11	55.19
DD8*	3	67.5	59.4			45.0			67.5	59.6	3	3	9	69.9	62.0	7.9	28.26	15.88	254.32	142.92
DD9*	1	71.3	62.1			45.0			71.3	62.2	1	1	3	73.7	64.6	9.1	35.44	19.57	106.33	58.72
DD10*	2	66.9	58.4			45.0			66.9	58.6	2	2	6	69.3	61.0	8.3	27.20	14.56	163.18	87.36
DD11*	2	65.0	57.7			45.0			65.0	57.9	0	2	6	67.4	60.3	7.1	23.97	13.67	143.80	82.01
DD12*	2	63.7	56.8			45.0			63.8	57.1	0	2	6	66.2	59.5	6.7	22.03	12.68	132.18	76.10
DD13*	1	71.3	62.3			45.0			71.3	62.4	1	1	3	73.7	64.8	8.9	35.44	19.87	106.33	59.61
DD14*	1	68.1	59.9			45.0			68.1	60.0	1	1	3	70.5	62.4	8.1	29.34	16.42	88.02	49.27
DD15*	2	65.1	57.6			45.0			65.1	57.8	0	2	6	67.5	60.2	7.3	24.13	13.54	144.79	81.26
DD16*	1	72.8	62.9			45.0			72.8	63.0	1	1	3	75.2	65.4	9.8	38.50	20.78	115.50	62.35
DD17*	2	69.3	59.7			45.0			69.3	59.8	2	2	6	71.7	62.2	9.5	31.56	16.15	189.37	96.90
DD18*	2	66.0	57.0			45.0			66.0	57.3	2	2	6	68.4	59.7	8.7	25.64	12.93	153.85	77.56
DD19*	2	63.8	58.0			45.0			63.9	58.2	0	2	6	66.3	60.6	5.7	22.19	14.05	133.13	84.28
DD20*	1	69.4	59.3			45.0			69.4	59.5	1	1	3	71.8	61.9	9.9	31.75	15.75	95.25	47.24
DD21*	2	68.5	58.4			45.0			68.5	58.6	2	2	6	70.9	61.0	9.9	30.07	14.56	180.43	87.36
DD22*	2	65.3	56.9			45.0			65.3	57.2	0	2	6	67.7	59.6	8.1	24.46	12.80	146.78	76.83
DD23*	2	63.3	57.2			45.0			63.4	57.5	0	2	6	65.8	59.9	5.9	21.40	13.17	128.41	79.03
DD24*	2	67.7	58.5			45.0			67.7	58.7	2	2	6	70.1	61.1	9.0	28.62	14.69	171.70	88.14
DD25*	1	73.9	62.9			45.0			73.9	63.0	1	1	3	76.3	65.4	10.9	40.82	20.78	122.46	62.35
DD26*	2	65.6	58.2			45.0			65.6	58.4	2	2	6	68.0	60.8	7.2	24.97	14.30	149.79	85.81
DD27*	2	70.4	61.5			45.0			70.4	61.6	2	2	6	72.8	64.0	8.8	33.67	18.69	202.02	112.12
DD28*	2	63.4	56.1			45.0			63.5	56.4	0	2	6	65.9	58.8	7.1	21.56	11.85	129.35	71.10
DD29*	2	66.6	59.3			45.0			66.6	59.5	2	2	6	69.0	61.9	7.1	26.67	15.75	160.04	94.47
DD30*	2	62.6	55.6			45.0			62.7	56.0	0	2	6	65.1	58.4	6.7	20.32	11.39	121.95	68.32
DD31*	2	65.7	58.7			45.0			65.7	58.9	2	2	6	68.1	61.3	6.8	25.13	14.95	150.80	89.70
DD32*	1	60.8	54.8			45.0			60.9	55.2	0	1	3	63.3	57.6	5.7	17.68	10.49	53.04	31.46
DD33*	3	66.0	59.9			45.0			66.0	60.0	3	3	9	68.4	62.4	6.0	25.64	16.42	230.78	147.81
DD34*	3	60.8	54.4			45.0			60.9	54.9	0	3	9	63.3	57.3	6.0	17.68	10.16	159.11	91.41
DD35*	2	64.1	59.3			45.0			64.2	59.5	0	2	6	66.6	61.9	4.7	22.67	15.75	136.00	94.47
DD36*	2	65.5	60.2			45.0			65.5	60.3	2	2	6	67.9	62.7	5.2	24.80	16.84	148.78	101.02
DD37*	3	65.1	59.1			45.0			65.1	59.3	0	3	9	67.5	61.7	5.8	24.13	15.48	217.19	139.30
DD38*	2	63.1	56.7			45.0			63.2	57.0	0	2	6	65.6	59.4	6.2	21.09	12.56	126.55	75.37
DD39*	2	61.7	55.3			45.0			61.8	55.7	0	2	6	64.2	58.1	6.1	18.98	11.04	113.88	66.26
DD40*	2	60.8	54.4			45.0			60.9	54.9	0	2	6	63.3	57.3	6.0	17.68	10.16	106.08	60.94
DD41*	2	60.7	53.8			45.0			60.8	54.3	0	2	6	63.2	56.7	6.5	17.54	9.51	105.22	57.08
DD42*	2	60.5	54.4			45.0			60.6	54.9	0	2	6	63.0	57.3	5.7	17.26	10.16	103.53	60.94
DD43*	3	68.5	61.5			45.0			68.5	61.6	3	3	9	70.9	64.0	6.9	30.07	18.69	270.64	168.18
DD44*	3	69.0	62.1			45.0			69.0	62.2	3	3	9	71.4	64.6	6.8	31.00	19.57	278.99	176.15
DD45*	3	65.3	60.2			45.0			65.3	60.3	0	3	9	67.7	62.7	5.0	24.46	16.84	220.17	151.53
DD46*	3	69.5	62.4			45.0			69.5	62.5	3	3	9	71.9	64.9	7.0	31.94	20.02	287.46	180.20
DD47*	3	62.7	58.9			45.0			62.8	59.1	0	0	9	65.2	61.5	3.7	20.48	15.21	184.30	184.30
DD48*	6	67.5	61.4			45.0			67.5	61.5	6	6	18	69.9	63.9	6.0	28.26	18.54	508.64	333.74
DD49*	3	60.6	57.3			45.0			60.7	57.5	0	0	9	63.1	59.9	3.2	17.40	13.17	156.57	156.57
DD50*	3	66.9	63.2			45.0			66.9	63.3	3	0	9	69.3	65.7	3.6	27.20	21.25	244.77	244.77
DD51*	3	62.0	56.2			45.0			62.1	56.5	0	3	9	64.5	58.9	5.6	19.42	11.97	174.81	107.71
DD52*	3	60.8	54.5			45.0			60.9	55.0	0	3	9	63.3	57.4	5.9	17.68	10.27	159.11	92.39
DD53*	3	63.6	57.2			45.0			63.7	57.5	0	3	9	66.1	59.9	6.2	21.87	13.17	196.85	118.54
DD54*	4	60.9	55.6			45.0			61.0	56.0	0	4	12	63.4	58.4	5.0	17.82	11.39	213.86	136.63
DD55*	2	62.0	54.8			45.0			62.1	55.2	0	2	6	64.5	57.6	6.9	19.42	10.49	116.54	62.91
DD56*	3	62.5	55.1			45.0			62.6	55.5	0	3	9	65.0	57.9	7.1	20.17	10.82	181.56	97.37
DD57*	3	60.9	54.0			45.0			61.0	54.5	0	3	9	63.4	56.9	6.5	17.82	9.73	160.39	87.53

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML Exit 39 EB 1**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*	*ACHA*	*Terms in the Priority Index Equation*				*Priority*	*Cost*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*	*Index*	*per Res. Benefited*
4310	12	27	42	22.2%	16.8%	261	0.2216	0.2419	$2,349,000	6.0	$55,900
4310	14	27	47	22.2%	15.8%	261	0.2216	0.2850	$2,608,000	6.3	$55,500
4310	16	27	50	22.2%	15.1%	261	0.2216	0.3188	$2,867,000	6.4	$57,300
4310	18	27	56	22.2%	14.2%	261	0.2216	0.3590	$3,125,000	6.6	$55,800
4310	20	27	56	22.2%	13.8%	261	0.2216	0.3776	$3,384,000	6.5	$60,400
4310	22	27	57	22.2%	13.4%	261	0.2216	0.3970	$3,643,000	6.3	$63,900
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: ML Exit 39 EB 1 *Date:* 04/02/03
Analyst: JAV *Company:* BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
4311	18	27	56	22.2%	14.2%	261	22.2%	0.3590486	$3,125,295	6.65	$55,809

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
EE1	1	57.1	57.0			45.0			57.4	57.3	0	0	3	60.7	60.6	0.1	14.17	14.05	42.52	42.52
EE2*	1	49.7	49.7			45.0			51.0	51.0	0	0	3	54.3	54.3	0.0	7.14	7.14	21.43	21.43
EE3*	1	56.9	56.8			45.0			57.2	57.1	0	0	3	60.5	60.4	0.1	13.92	13.79	41.76	41.76
EE4*	1	57.8	57.7			45.0			58.0	57.9	0	0	3	61.3	61.2	0.1	14.95	14.82	44.85	44.85
EE5*	1	50.1	49.9			45.0			51.3	51.1	0	0	3	54.6	54.4	0.2	7.42	7.24	22.26	22.26
EE6*	1	59.0	58.9			45.0			59.2	59.1	0	0	3	62.5	62.4	0.1	16.56	16.42	49.68	49.68
EE7*	1	59.9	59.8			45.0			60.0	59.9	0	0	3	63.3	63.2	0.1	17.68	17.54	53.04	53.04
EE8*	1	51.5	51.3			45.0			52.4	52.2	0	0	3	55.7	55.5	0.2	8.49	8.29	25.46	25.46
EE9*	1	62.5	62.4			45.0			62.6	62.5	0	0	3	65.9	65.8	0.1	21.56	21.40	64.68	64.68
EE10*	1	52.3	51.9			45.0			53.0	52.7	0	0	3	56.3	56.0	0.3	9.10	8.79	27.29	27.29
EE11*	1	64.1	64.0			45.0			64.2	64.1	0	0	3	67.5	67.4	0.1	24.13	23.97	72.40	72.40
EE12*	1	52.5	51.9			45.0			53.2	52.7	0	0	3	56.5	56.0	0.5	9.30	8.79	27.91	27.91
EE13*	1	64.3	64.3			45.0			64.4	64.4	0	0	3	67.7	67.7	0.0	24.46	24.46	73.39	73.39
EE14*	1	65.1	65.0			45.0			65.1	65.0	0	0	3	68.4	68.3	0.1	25.64	25.47	76.93	76.93
EE15*	1	55.4	53.5			45.0			55.8	54.1	0	0	3	59.1	57.4	1.7	12.20	10.27	36.61	36.61
EE16*	1	57.8	51.3			45.0			58.0	52.2	0	1	3	61.3	55.5	5.8	14.95	8.29	44.85	24.86
EE17*	1	59.2	54.9			45.0			59.4	55.3	0	0	3	62.7	58.6	4.1	16.84	11.62	50.51	50.51
EE18*	1	59.1	51.3			45.0			59.3	52.2	0	1	3	62.6	55.5	7.1	16.70	8.29	50.10	24.86
EE19*	1	64.9	51.3			45.0			64.9	52.2	0	1	3	68.2	55.5	12.7	25.30	8.29	75.91	24.86
EE20*	1	60.1	52.5			45.0			60.2	53.2	0	1	3	63.5	56.5	7.0	17.96	9.30	53.89	27.91
EE21*	1	61.7	52.2			45.0			61.8	53.0	0	1	3	65.1	56.3	8.8	20.32	9.10	60.97	27.29
EE22*	1	65.4	52.6			45.0			65.4	53.3	0	1	3	68.7	56.6	12.1	26.16	9.41	78.47	28.23
EE23*	1	66.1	53.0			45.0			66.1	53.6	1	1	3	69.4	56.9	12.5	27.37	9.73	82.12	29.18
EE24*	1	56.0	50.3			45.0			56.3	51.4	0	1	3	59.6	54.7	4.9	12.80	7.52	38.41	22.55
EE25*	1	55.0	48.3			45.0			55.4	50.0	0	1	3	58.7	53.3	5.4	11.73	6.25	35.20	18.75
EE26*	1	57.8	47.8			45.0			58.0	49.6	0	1	3	61.3	52.9	8.4	14.95	5.91	44.85	17.72
EE27*	1	66.1	54.0			45.0			66.1	54.5	1	1	3	69.4	57.8	11.6	27.37	10.71	82.12	32.12
EE28*	1	67.5	54.0			45.0			67.5	54.5	1	1	3	70.8	57.8	13.0	29.89	10.71	89.66	32.12
EE29*	1	55.2	53.1			45.0			55.6	53.7	0	0	3	58.9	57.0	1.9	11.97	9.83	35.90	35.90
EE30*	1	56.0	52.0			45.0			56.3	52.8	0	0	3	59.6	56.1	3.5	12.80	8.89	38.41	38.41
EE31*	1	59.8	51.8			45.0			59.9	52.6	0	1	3	63.2	55.9	7.3	17.54	8.69	52.61	26.06
EE32*	1	66.5	54.9			45.0			66.5	55.3	1	1	3	69.8	58.6	11.2	28.08	11.62	84.24	34.85
EE33*	1	69.7	55.9			45.0			69.7	56.2	1	1	3	73.0	59.5	13.5	34.06	12.68	102.18	38.05
EE34*	1	59.2	56.6			45.0			59.4	56.9	0	0	3	62.7	60.2	2.5	16.84	13.54	50.51	50.51
EE35*	1	57.8	54.5			45.0			58.0	55.0	0	0	3	61.3	58.3	3.0	14.95	11.27	44.85	44.85
EE36*	1	59.3	53.8			45.0			59.5	54.3	0	1	3	62.8	57.6	5.2	16.98	10.49	50.93	31.46
EE37*	1	62.3	55.7			45.0			62.4	56.1	0	1	3	65.7	59.4	6.3	21.25	12.56	63.74	37.69
EE38*	1	70.2	58.2			45.0			70.2	58.4	1	1	3	73.5	61.7	11.8	35.05	15.48	105.14	46.43
EE39*	1	71.7	57.6			45.0			71.7	57.8	1	1	3	75.0	61.1	13.9	38.09	14.69	114.26	44.07
EE40*	1	60.6	58.5			45.0			60.7	58.7	0	0	3	64.0	62.0	2.0	18.69	15.88	56.06	56.06
EE41*	1	60.2	54.5			45.0			60.3	55.0	0	1	3	63.6	58.3	5.3	18.11	11.27	54.32	33.81
EE42*	1	61.0	53.5			45.0			61.1	54.1	0	1	3	64.4	57.4	7.0	19.27	10.27	57.82	30.80
EE43*	1	72.9	60.8			45.0			72.9	60.9	1	1	3	76.2	64.2	12.0	40.61	18.98	121.82	56.94
EE44*	1	64.1	55.9			45.0			64.2	56.2	0	1	3	67.5	59.5	8.0	24.13	12.68	72.40	38.05
EE45*	1	67.5	58.3			45.0			67.5	58.5	1	1	3	70.8	61.8	9.0	29.89	15.61	89.66	46.83
EE46*	1	75.7	61.6			45.0			75.7	61.7	1	1	3	79.0	65.0	14.0	46.80	20.17	140.40	60.52
EE47*	1	62.6	60.8			45.0			62.7	60.9	0	0	3	66.0	64.2	1.8	21.72	18.98	65.15	65.15
EE48*	1	62.0	56.7			45.0			62.1	57.0	0	1	3	65.4	60.3	5.1	20.78	13.67	62.35	41.01
EE49*	1	66.6	57.4			45.0			66.6	57.6	1	1	3	69.9	60.9	9.0	28.26	14.43	84.77	43.29
EE50*	1	68.4	59.8			45.0			68.4	59.9	1	1	3	71.7	63.2	8.5	31.56	17.54	94.69	52.61
EE51*	1	73.2	61.1			45.0			73.2	61.2	1	1	3	76.5	64.5	12.0	41.25	19.42	123.75	58.27
EE52*	1	66.9	64.3			45.0			66.9	64.4	1	0	3	70.2	67.7	2.5	28.80	24.46	86.39	86.39
EE53*	1	72.1	65.0			45.0			72.1	65.0	1	1	3	75.4	68.3	7.1	38.92	25.47	116.75	76.42
EE54*	1	60.3	58.1			45.0			60.4	58.3	0	0	3	63.7	61.6	2.1	18.25	15.35	54.75	54.75
EE55*	1	58.3	54.5			45.0			58.5	55.0	0	0	3	61.8	58.3	3.5	15.61	11.27	46.83	46.83
EE56*	1	57.2	50.4			45.0			57.5	51.5	0	1	3	60.8	54.8	6.0	14.30	7.61	42.91	22.83
EE57*	1	54.0	49.0			45.0			54.5	50.5	0	0	3	57.8	53.8	4.0	10.71	6.69	32.12	32.12
EE58*	1	53.0	49.0			45.0			53.6	50.5	0	0	3	56.9	53.8	3.1	9.73	6.69	29.18	29.18
EE59*	1	66.7	65.2			45.0			66.7	65.2	1	0	3	70.0	68.5	1.5	28.44	25.81	85.31	85.31
EE60*	1	63.5	60.1			45.0			63.6	60.2	0	0	3	66.9	63.5	3.4	23.15	17.96	69.45	69.45
EE61*	1	62.9	58.3			45.0			63.0	58.5	0	1	3	66.3	61.8	4.5	22.19	15.61	66.57	46.83
EE62*	1	61.4	55.4			45.0			61.5	55.8	0	1	3	64.8	59.1	5.7	19.87	12.20	59.61	36.61
EE63*	1	59.1	54.0			45.0			59.3	54.5	0	1	3	62.6	57.8	4.8	16.70	10.71	50.10	32.12
EE64*	1	59.1	52.4			45.0			59.3	53.1	0	1	3	62.6	56.4	6.2	16.70	9.20	50.10	27.60
EE65*	1	58.0	51.4			45.0			58.2	52.3	0	1	3	61.5	55.6	5.9	15.21	8.39	45.64	25.16
EE66*	1	56.8	51.6			45.0			57.1	52.5	0	1	3	60.4	55.8	4.6	13.79	8.59	41.38	25.76
EE67*	1	54.9	51.0			45.0			55.3	52.0	0	0	3	58.6	55.3	3.3	11.62	8.09	34.85	34.85
EE68*	1	55.3	50.7			45.0			55.7	51.7	0	0	3	59.0	55.0	4.0	12.09	7.80	36.26	36.26
EE69*	1	57.6	52.4			45.0			57.8	53.1	0	1	3	61.1	56.4	4.7	14.69	9.20	44.07	27.60
EE70*	1	58.6	53.5			45.0			58.8	54.1	0	1	3	62.1	57.4	4.7	16.02	10.27	48.05	30.80
EE71*	1	61.5	55.9			45.0			61.6	56.2	0	1	3	64.9	59.5	5.4	20.02	12.68	60.07	38.05
EE72*	1	67.8	60.3			45.0			67.8	60.4	1	1	3	71.1	63.7	7.4	30.44	18.25	91.32	54.75
EE73*	1	70.4	60.5			45.0			70.4	60.6	1	1	3	73.7	63.9	9.8	35.44	18.54	106.33	55.62
EE74*	1	69.5	60.0			45.0			69.5	60.1	1	1	3	72.8	63.4	9.4	33.67	17.82	101.01	53.46
EE75*	1	65.2	56.9			45.0			65.2	57.2	0	1	3	68.5	60.5	8.0	25.81	13.92	77.44	41.76
EE76*	1	62.0	55.4			45.0			62.1	55.8	0	1	3	65.4	59.1	6.3	20.78	12.20	62.35	36.61
EE77*	1	60.7	54.8			45.0			60.8	55.2	0	1	3	64.1	58.5	5.6	18.83	11.50	56.50	34.50
EE78*	1	59.2	53.7			45.0			59.4	54.2	0	1	3	62.7	57.5	5.2	16.84	10.37	50.51	31.12
EE79*	1	72.8	61.7			45.0			72.8	61.8	1	1	3	76.1	65.1	11.0	40.39	20.32	121.18	60.97
EE80*	1	73.4	62.3			45.0			73.4	62.4	1	1	3	76.7	65.7	11.0	41.68	21.25	125.04	63.74
EE81*	1	66.9	58.3			45.0			66.9	58.5	1	1	3	70.2	61.8	8.4	28.80	15.61	86.39	46.83
EE82*	1	69.4	60.1			45.0			69.4	60.2	1	1	3	72.7	63.5	9.2	33.47	17.96	100.42	53.89
EE83*	1	70.3	60.8			45.0			70.3	60.9	1	1	3	73.6	64.2	9.4	35.24	18.98	105.73	56.94
EE84*	1	66.8	58.0			45.0			66.8	58.2	1	1	3	70.1	61.5	8.6	28.62	15.21	85.85	45.64
EE85*	1	64.0	55.9			45.0			64.1	56.2	0	1	3	67.4	59.5	7.9	23.97	12.68	71.90	38.05
EE86*	1	69.6	60.5			45.0			69.6	60.6	1	1	3	72.9	63.9	9.0	33.86	18.54	101.59	55.62
EE87*	1	70.5	61.5			45.0			70.5	61.6	1	1	3	73.8	64.9	8.9	35.64	20.02	106.93	60.07

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML Exit 43 EB 3**

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
4970	12	89	189	24.1%	15.8%	762	0.2405	0.3434	$2,710,000	23.2	$14,300
4970	14	89	193	24.1%	15.1%	762	0.2405	0.3740	$3,008,000	22.8	$15,600
4970	16	89	203	24.1%	14.3%	762	0.2405	0.4071	$3,307,000	22.6	$16,300
4970	18	89	213	24.1%	13.5%	762	0.2405	0.4369	$3,605,000	22.2	$16,900
4970	20	89	218	24.1%	13.0%	762	0.2405	0.4598	$3,904,000	21.6	$17,900
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: ML Exit 43 EB 3 *Date:* 04/02/03
Analyst: JAV *Company:* BA

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
4973	14	89	193	24.1%	15.1%	762	24.1%	0.3740043	$3,008,455	22.79	$15,588

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
FF1	2	58.7	53.7			50.0			59.2	55.2	0	0	6	62.1	58.1	4.0	16.02	11.04	96.09	96.09
FF2*	2	60.1	54.9			50.0			60.5	56.1	0	0	6	63.4	59.0	4.4	17.82	12.09	106.93	106.93
FF3*	2	61.7	57.1			50.0			62.0	57.9	0	0	6	64.9	60.8	4.1	20.02	14.30	120.13	120.13
FF4*	2	65.3	59.9			50.0			65.4	60.3	0	2	6	68.3	63.2	5.1	25.47	17.54	152.83	105.22
FF5*	1	65.1	58.6			50.0			65.2	59.2	0	1	3	68.1	62.1	6.0	25.13	16.02	75.40	48.05
FF6*	2	58.5	53.0			50.0			59.1	54.8	0	0	6	62.0	57.7	4.3	15.88	10.60	95.28	95.28
FF7*	2	59.5	53.9			50.0			60.0	55.4	0	2	6	62.9	58.3	4.6	17.12	11.27	102.69	67.63
FF8*	2	59.1	54.4			50.0			59.6	55.7	0	0	6	62.5	58.6	3.9	16.56	11.62	99.37	99.37
FF9*	2	59.9	54.9			50.0			60.3	56.1	0	0	6	63.2	59.0	4.2	17.54	12.09	105.22	105.22
FF10*	2	60.7	56.1			50.0			61.1	57.1	0	0	6	64.0	60.0	4.0	18.69	13.29	112.12	112.12
FF11*	2	61.1	56.1			50.0			61.4	57.1	0	0	6	64.3	60.0	4.3	19.13	13.29	114.76	114.76
FF12*	1	65.3	58.5			50.0			65.4	59.1	0	1	3	68.3	62.0	6.3	25.47	15.88	76.42	47.64
FF13*	2	60.6	53.0			50.0			61.0	54.8	0	2	6	63.9	57.7	6.2	18.54	10.60	111.25	63.57
FF14*	2	61.3	54.6			50.0			61.6	55.9	0	2	6	64.5	58.8	5.7	19.42	11.85	116.54	71.10
FF15*	2	63.0	56.2			50.0			63.2	57.1	0	2	6	66.1	60.0	6.1	21.87	13.29	131.23	79.77
FF16*	1	65.6	58.5			50.0			65.7	59.1	1	1	3	68.6	62.0	6.6	25.98	15.88	77.95	47.64
FF17*	2	60.1	53.3			50.0			60.5	55.0	0	2	6	63.4	57.9	5.5	17.82	10.82	106.93	64.91
FF18*	2	61.3	54.5			50.0			61.6	55.8	0	2	6	64.5	58.7	5.8	19.42	11.73	116.54	70.40
FF19*	2	63.3	56.4			50.0			63.5	57.3	0	2	6	66.4	60.2	6.2	22.35	13.54	134.08	81.26
FF20*	2	65.2	58.2			50.0			65.3	58.8	0	2	6	68.2	61.7	6.5	25.30	15.48	151.81	92.87
FF21*	3	59.8	53.1			50.0			60.2	54.8	0	3	9	63.1	57.7	5.4	17.40	10.60	156.57	95.36
FF22*	4	62.0	54.6			50.0			62.3	55.9	0	4	12	65.2	58.8	6.4	20.48	11.85	245.73	142.20
FF23*	2	65.3	57.0			50.0			65.4	57.8	0	2	6	68.3	60.7	7.6	25.47	14.17	152.83	85.05
FF24*	2	64.5	56.5			50.0			64.7	57.4	0	2	6	67.6	60.3	7.3	24.30	13.67	145.78	82.01
FF25*	2	71.6	59.8			50.0			71.6	60.2	2	2	6	74.5	63.1	11.4	37.06	17.40	222.35	104.38
FF26*	2	71.4	59.6			50.0			71.4	60.1	2	2	6	74.3	63.0	11.3	36.65	17.26	219.91	103.53
FF27*	4	59.9	52.7			50.0			60.3	54.6	0	4	12	63.2	57.5	5.7	17.54	10.37	210.45	124.50
FF28*	2	63.0	55.3			50.0			63.6	58.2	0	2	6	66.5	61.1	5.4	22.51	14.69	135.04	88.14
FF29*	2	65.6	56.2			50.0			65.7	57.1	2	2	6	68.6	60.0	8.6	25.98	13.29	155.90	79.77
FF30*	1	71.1	59.9			50.0			71.1	60.3	1	1	3	74.0	63.2	10.8	36.04	17.54	108.13	52.61
FF31*	3	70.8	59.8			50.0			70.8	60.2	3	3	9	73.7	63.1	10.6	35.44	17.40	318.99	156.57
FF32*	2	70.4	60.1			50.0			70.4	60.5	2	2	6	73.3	63.4	9.9	34.65	17.82	207.90	106.93
FF33*	3	60.4	54.1			50.0			60.8	55.5	0	3	9	63.7	58.4	5.3	18.25	11.39	164.26	102.48
FF34*	2	62.2	55.9			50.0			62.5	56.9	0	2	6	65.4	59.8	5.6	20.78	13.05	124.70	78.29
FF35*	2	65.0	57.6			50.0			65.1	58.3	0	2	6	68.0	61.2	6.8	24.97	14.82	149.79	88.92
FF36*	2	68.5	60.3			50.0			68.6	60.7	2	2	6	71.5	63.6	7.9	31.19	18.11	187.12	108.65
FF37*	3	64.1	56.7			50.0			64.3	57.5	0	3	9	67.2	60.4	6.8	23.64	13.79	212.75	124.15
FF38*	3	65.6	57.3			50.0			65.7	58.0	3	3	9	68.6	60.9	7.7	25.98	14.43	233.85	129.88
FF39*	2	70.2	60.0			50.0			70.2	60.4	2	2	6	73.1	63.3	9.8	34.26	17.68	205.53	106.08
FF40*	6	63.4	55.5			50.0			63.6	56.6	0	6	18	66.5	59.5	7.0	22.51	12.68	405.12	228.30
FF41*	4	64.3	56.9			50.0			64.5	57.7	0	4	12	67.4	60.6	6.8	23.97	14.05	287.60	168.57
FF42*	3	70.3	59.8			50.0			70.3	60.2	3	3	9	73.2	63.1	10.1	34.45	17.40	310.07	156.57
FF43*	4	61.7	55.2			50.0			62.0	56.3	0	4	12	64.9	59.2	5.7	20.02	12.32	240.27	147.87
FF44*	4	66.1	58.3			50.0			66.2	58.9	4	4	12	69.1	61.8	7.3	26.85	15.61	322.17	187.34
FF45*	4	70.5	60.3			50.0			70.5	60.7	4	4	12	73.4	63.6	9.8	34.85	18.11	418.17	217.29
FF46*	3	63.2	55.2			50.0			63.4	56.3	0	3	9	66.3	59.2	7.1	22.19	12.32	199.70	110.90
FF47*	2	66.3	57.5			50.0			66.4	58.2	2	2	6	69.3	61.1	8.2	27.20	14.69	163.18	88.14
FF48*	6	70.7	60.1			50.0			70.7	60.5	6	6	18	73.6	63.4	10.2	35.24	17.82	634.39	320.79
FF49*	3	66.9	57.6			50.0			67.0	58.3	3	3	9	69.9	61.2	8.7	28.26	14.82	254.32	133.37
FF50*	2	63.8	55.6			50.0			64.0	56.7	0	2	6	66.9	59.6	7.3	23.15	12.80	138.90	76.83
FF51*	3	63.0	55.2			50.0			63.2	56.3	0	3	9	66.1	59.2	6.9	21.87	12.32	196.85	110.90
FF52*	3	66.2	57.3			50.0			66.3	58.0	3	3	9	69.2	60.9	8.3	27.02	14.43	243.19	129.88
FF53*	6	70.5	59.7			50.0			70.5	60.1	6	6	18	73.4	63.0	10.4	34.85	17.26	627.25	310.60
FF54*	7	63.7	56.6			50.0			63.9	57.5	0	7	21	66.8	60.4	6.4	22.99	13.79	482.76	289.66
FF55*	3	66.9	58.0			50.0			67.0	58.6	3	3	9	69.9	61.5	8.4	28.26	15.21	254.32	136.92
FF56*	6	70.6	60.0			50.0			70.6	60.4	6	6	18	73.5	63.3	10.2	35.05	17.68	630.82	318.23
FF57*	3	63.0	55.5			50.0			63.2	56.6	0	3	9	66.1	59.5	6.6	21.87	12.68	196.85	114.15
FF58*	6	67.0	58.1			50.0			67.1	58.7	6	6	18	70.0	61.6	8.4	28.44	15.35	511.86	276.21
FF59*	6	70.0	59.9			50.0			70.0	60.3	6	6	18	72.9	63.2	9.7	33.86	17.54	609.56	315.67
FF60*	2	66.4	58.2			50.0			66.5	58.8	2	2	6	69.4	61.7	7.7	27.37	15.48	164.23	92.87
FF61*	2	69.7	59.8			50.0			69.7	60.2	2	2	6	72.6	63.1	9.5	33.28	17.40	199.69	104.38
FF62*	2	62.3	54.6			50.0			62.5	55.9	0	2	6	65.4	58.8	6.6	20.78	11.85	124.70	71.10
FF63*	3	62.5	54.6			50.0			62.7	55.9	0	3	9	65.6	58.8	6.8	21.09	11.85	189.83	106.65
FF64*	3	63.3	55.5			50.0			63.5	56.6	0	3	9	66.4	59.5	6.9	22.35	12.68	201.13	114.15
FF65*	6	69.4	60.3			50.0			69.4	60.7	6	6	18	72.3	63.6	8.7	32.70	18.11	588.66	325.94
FF66*	4	62.2	54.0			50.0			62.5	55.5	0	4	12	65.4	58.4	7.0	20.78	11.39	249.40	136.63
FF67*	4	63.1	54.6			50.0			63.3	55.9	0	4	12	66.2	58.8	7.4	22.03	11.85	264.36	142.20
FF68*	2	62.2	53.7			50.0			62.5	55.2	0	2	6	65.4	58.1	7.3	20.78	11.04	124.70	66.26
FF69*	2	70.3	59.5			50.0			70.3	60.0	2	2	6	73.2	62.9	10.3	34.45	17.12	206.71	102.69
FF70*	3	61.3	53.6			50.0			61.6	55.2	0	3	9	64.5	58.1	6.4	19.42	11.04	174.81	99.40
FF71*	2	68.6	59.3			50.0			68.7	59.8	2	2	6	71.6	62.7	8.9	31.37	16.84	188.24	101.02
FF72*	3	66.3	57.2			50.0			66.4	58.0	3	3	9	69.3	60.9	8.4	27.20	14.43	244.77	129.88
FF73*	2	64.6	55.9			50.0			64.7	56.9	0	2	6	67.6	59.8	7.8	24.30	13.05	145.78	78.29
FF74*	2	63.2	55.3			50.0			63.4	56.4	0	2	6	66.3	59.3	7.0	22.19	12.44	133.13	74.65
FF75*	5	60.1	53.8			55.0			61.3	57.5	0	0	15	64.2	60.4	3.8	18.98	13.79	284.70	284.70
FF76*	5	59.2	52.3			55.0			60.6	56.9	0	0	15	63.5	59.8	3.7	17.96	13.05	269.46	269.46
FF77*	5	58.3	51.2			55.0			60.0	56.5	0	0	15	62.9	59.4	3.5	17.12	12.56	256.73	256.73
FF78*	6	57.3	52.3			50.0			58.0	54.3	0	0	18	60.9	57.2	3.7	14.43	10.05	259.75	259.75
FF79*	4	56.7	52.0			55.0			58.9	56.8	0	0	12	61.8	59.7	2.1	15.61	12.93	187.34	187.34
FF80*	6	57.1	51.7			55.0			59.2	56.7	0	0	18	62.1	59.6	2.5	16.02	12.80	288.27	288.27
FF81*	6	56.7	51.3			55.0			58.9	56.5	0	0	18	61.8	59.4	2.4	15.61	12.56	281.01	281.01
FF82*	3	58.1	50.5			55.0			59.8	56.3	0	0	9	62.7	59.2	3.5	16.84	12.32	151.53	151.53
FF83*	5	58.6	53.3			55.0			60.2	57.2	0	0	15	63.1	60.1	3.0	17.40	13.42	260.94	260.94

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML Exit 43 EB 1**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*	*ACHA*	*Terms in the Priority Index Equation*				*Priority*	*Cost*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*	*Index*	*per Res. Benefited*
2160	12	45	53	23.9%	19.5%	372	0.2387	0.1833	$1,175,000	13.9	$22,200
2160	14	45	80	23.9%	17.3%	372	0.2387	0.2757	$1,304,000	18.8	$16,300
2160	16	45	85	23.9%	16.2%	372	0.2387	0.3200	$1,434,000	19.8	$16,900
2160	18	45	102	23.9%	14.7%	372	0.2387	0.3832	$1,563,000	21.8	$15,300
2160	20	45	102	23.9%	14.3%	372	0.2387	0.4025	$1,692,000	21.1	$16,600
2160	22	45	107	23.9%	13.6%	372	0.2387	0.4301	$1,822,000	21.0	$17,000
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: **ML Exit 43 EB 1** ***Date:*** 04/02/03
Analyst: JAV ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
2156	18	45	102	23.9%	14.7%	372	23.9%	0.383225	########	21.78	$15,323

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
GG1	2	72.7	60.8			50.0			72.7	61.1	2	2	6	75.6	64.0	11.6	39.34	18.69	236.02	112.12
GG2"	3	69.1	58.5			50.0			69.2	59.1	3	3	9	72.1	62.0	10.1	32.32	15.88	290.88	142.92
GG3"	3	66.1	57.3			50.0			66.2	58.0	3	3	9	69.1	60.9	8.2	26.85	14.43	241.62	129.88
GG4"	3	64.3	57.0			50.0			64.5	57.8	0	3	9	67.4	60.7	6.7	23.97	14.17	215.70	127.57
GG5"	2	68.8	57.6			50.0			68.9	58.3	2	2	6	71.8	61.2	10.6	31.75	14.82	190.50	88.92
GG6"	2	65.4	55.9			50.0			65.5	56.9	0	2	6	68.4	59.8	8.6	25.64	13.05	153.85	78.29
GG7"	2	63.3	54.9			50.0			63.5	56.1	0	2	6	66.4	59.0	7.4	22.35	12.09	134.08	72.51
GG8"	2	71.8	60.2			50.0			71.8	60.6	2	2	6	74.7	63.5	11.2	37.47	17.96	224.80	107.79
GG9"	2	67.0	56.4			50.0			67.1	57.3	2	2	6	70.0	60.2	9.8	28.44	13.54	170.62	81.26
GG10"	2	63.4	53.9			50.0			63.6	55.4	0	2	6	66.5	58.3	8.2	22.51	11.27	135.04	67.63
GG11"	2	59.0	51.6			50.0			59.5	53.9	0	2	6	62.4	56.8	5.6	16.42	9.62	98.54	57.72
GG12"	3	58.5	53.3			50.0			59.1	55.0	0	0	9	62.0	57.9	4.1	15.88	10.82	142.92	142.92
GG13"	2	65.5	56.4			50.0			65.6	57.3	2	2	6	68.5	60.2	8.3	25.81	13.54	154.87	81.26
GG14"	2	62.4	53.2			50.0			62.6	54.9	0	2	6	65.5	57.8	7.7	20.94	10.71	125.62	64.24
GG15"	2	58.4	51.4			50.0			59.0	53.8	0	2	6	61.9	56.7	5.2	15.75	9.51	94.47	57.08
GG16"	2	56.6	51.7			50.0			57.5	53.9	0	0	6	60.4	56.8	3.6	13.79	9.62	82.76	82.76
GG17"	2	70.2	59.8			50.0			70.2	60.2	2	2	6	73.1	63.1	10.0	34.26	17.40	205.53	104.38
GG18"	2	65.7	56.7			50.0			65.8	57.5	2	2	6	68.7	60.4	8.3	26.16	13.79	156.93	82.76
GG19"	2	61.9	53.4			50.0			62.2	55.0	0	2	6	65.1	57.9	7.2	20.32	10.82	121.95	64.91
GG20"	2	57.1	50.6			50.0			57.9	53.3	0	2	6	60.8	56.2	4.6	14.30	8.99	85.81	53.96
GG21"	2	65.8	57.1			50.0			65.9	57.9	2	2	6	68.8	60.8	8.0	26.33	14.30	157.96	85.81
GG22"	2	59.6	52.9			50.0			60.1	54.7	0	2	6	63.0	57.6	5.4	17.26	10.49	103.53	62.91
GG23"	2	57.5	51.1			50.0			58.2	53.6	0	2	6	61.1	56.5	4.6	14.69	9.30	88.14	55.82
GG24"	4	55.5	50.3			50.0			56.6	53.2	0	0	12	59.5	56.1	3.4	12.68	8.89	152.20	152.20
GG25"	2	70.7	60.2			50.0			70.7	60.6	2	2	6	73.6	63.5	10.1	35.24	17.96	211.46	107.79
GG26"	2	66.3	57.9			50.0			66.4	58.6	2	2	6	69.3	61.5	7.8	27.20	15.21	163.18	91.28
GG27"	2	62.9	55.4			50.0			63.1	56.5	0	2	6	66.0	59.4	6.6	21.72	12.56	130.29	75.37
GG28"	2	60.8	53.6			50.0			61.1	55.2	0	2	6	64.0	58.1	5.9	18.69	11.04	112.12	66.26
GG29"	3	62.3	54.7			50.0			62.5	56.0	0	3	9	65.4	58.9	6.5	20.78	11.97	187.05	107.71
GG30"	5	60.8	55.2			50.0			61.1	56.3	0	5	15	64.0	59.2	4.8	18.69	12.32	280.30	184.84
GG31"	5	59.3	55.6			50.0			59.8	56.7	0	0	15	62.7	59.6	3.1	16.84	12.80	252.56	252.56
GG32"	3	70.5	60.5			50.0			70.5	60.9	3	3	9	73.4	63.8	9.6	34.85	18.40	313.62	165.57
GG33"	3	66.6	59.0			50.0			66.7	59.5	3	3	9	69.6	62.4	7.2	27.72	16.42	249.52	147.81
GG34"	3	64.8	57.2			50.0			64.9	58.0	0	3	9	67.8	60.9	6.9	24.63	14.43	221.67	129.88
GG35"	2	71.1	60.7			50.0			71.1	61.1	2	2	6	74.0	64.0	10.0	36.04	18.69	216.27	112.12
GG36"	2	67.9	58.8			50.0			68.0	59.3	2	2	6	70.9	62.2	8.7	30.07	16.15	180.43	96.90
GG37"	2	66.4	58.0			50.0			66.5	58.6	2	2	6	69.4	61.5	7.9	27.37	15.21	164.23	91.28
GG38"	2	64.4	56.8			50.0			64.6	57.6	0	2	6	67.5	60.5	7.0	24.13	13.92	144.79	83.52
GG39"	4	62.9	55.7			50.0			63.1	56.7	0	4	12	66.0	59.6	6.4	21.72	12.80	260.58	153.65
GG40"	2	60.1	54.1			50.0			60.5	55.5	0	2	6	63.4	58.4	5.0	17.82	11.39	106.93	68.32
GG41"	3	61.9	55.7			50.0			62.2	56.7	0	3	9	65.1	59.6	5.5	20.32	12.80	182.92	115.24
GG42"	2	66.8	58.5			50.0			66.9	59.1	2	2	6	69.8	62.0	7.8	28.08	15.88	168.48	95.28
GG43"	2	62.7	56.8			50.0			62.9	57.6	0	2	6	65.8	60.5	5.3	21.40	13.92	128.41	83.52
GG44"	3	62.1	56.6			50.0			62.4	57.5	0	3	9	65.3	60.4	4.9	20.63	13.79	185.67	124.15
GG45"	2	68.8	59.7			50.0			68.9	60.1	2	2	6	71.8	63.0	8.8	31.75	17.26	190.50	103.53
GG46"	3	63.1	58.0			50.0			63.3	58.6	0	3	9	66.2	61.5	4.7	22.03	15.21	198.27	136.92
GG47"	3	63.0	58.5			50.0			63.2	59.1	0	0	9	66.1	62.0	4.1	21.87	15.88	196.85	196.85
GG48"	2	70.0	60.5			50.0			70.0	60.9	2	2	6	72.9	63.8	9.1	33.86	18.40	203.19	110.38
GG49"	1	71.1	61.7			50.0			71.1	62.0	1	1	3	74.0	64.9	9.1	36.04	20.02	108.13	60.07
GG50"	2	65.1	60.7			50.0			65.2	61.1	0	0	6	68.1	64.0	4.1	25.13	18.69	150.80	150.80
GG51"	3	63.8	59.8			50.0			64.0	60.2	0	0	9	66.9	63.1	3.8	23.15	17.40	208.35	208.35

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML Exit 45 EB 1**

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
2530	12	12	47	21.5%	17.1%	279	0.2153	0.2038	$1,377,000	8.9	$29,300
2530	14	12	58	21.5%	16.0%	279	0.2153	0.2577	$1,528,000	10.1	$26,300
2530	16	12	65	21.5%	15.2%	279	0.2153	0.2956	$1,680,000	10.6	$25,800
2530	18	12	68	21.5%	14.7%	279	0.2153	0.3190	$1,831,000	10.5	$26,900
2530	20	12	70	21.5%	14.2%	279	0.2153	0.3394	$1,983,000	10.3	$28,300
2530	22	12	72	21.5%	13.8%	279	0.2153	0.3601	$2,134,000	10.1	$29,600
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: **ML Exit 45 EB 1** ***Date:*** 04/02/03
Analyst: JAV ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
2526	16	12	65	21.5%	15.2%	279	21.5%	0.2955622	$1,679,790	10.57	$25,843

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
HH1	2	68.6	58.9			50.0			68.7	59.4	2	2	6	72.5	63.2	9.3	33.09	17.54	198.53	105.22
HH2*	1	63.9	57.4			50.0			64.1	58.1	0	1	3	67.9	61.9	6.0	24.80	15.75	74.39	47.24
HH3*	1	64.4	56.9			50.0			64.6	57.7	0	1	3	68.4	61.5	6.9	25.64	15.21	76.93	45.64
HH4*	2	62.9	56.5			50.0			63.1	57.4	0	2	6	66.9	61.2	5.7	23.15	14.82	138.90	88.92
HH5*	2	60.7	54.9			50.0			61.1	56.1	0	2	6	64.9	59.9	5.0	20.02	13.17	120.13	79.03
HH6*	2	61.5	55.6			50.0			61.8	56.7	0	2	6	65.6	60.5	5.1	21.09	13.92	126.55	83.52
HH7*	2	60.0	54.3			50.0			60.4	55.7	0	2	6	64.2	59.5	4.7	18.98	12.68	113.88	76.10
HH8*	3	69.1	58.5			50.0			69.2	59.1	3	3	9	73.0	62.9	10.1	34.06	17.12	306.54	154.04
HH9*	2	64.2	55.5			50.0			64.4	56.6	0	2	6	68.2	60.4	7.8	25.30	13.79	151.81	82.76
HH10*	2	62.8	54.3			50.0			63.0	55.7	0	2	6	66.8	59.5	7.3	22.99	12.68	137.93	76.10
HH11*	2	60.2	53.3			50.0			60.6	55.0	0	2	6	64.4	58.8	5.6	19.27	11.85	115.65	71.10
HH12*	2	65.0	58.6			50.0			65.1	59.2	0	2	6	68.9	63.0	5.9	26.50	17.26	159.00	103.53
HH13*	2	62.7	58.0			50.0			62.9	58.6	0	0	6	66.7	62.4	4.3	22.83	16.42	136.96	136.96
HH14*	2	61.1	54.6			50.0			61.4	55.9	0	2	6	65.2	59.7	5.5	20.48	12.93	122.86	77.56
HH15*	2	65.7	57.6			50.0			65.8	58.3	2	2	6	69.6	62.1	7.5	27.72	16.02	166.35	96.09
HH16*	2	63.3	56.4			50.0			63.5	57.3	0	2	6	67.3	61.1	6.2	23.80	14.69	142.81	88.14
HH17*	2	61.7	54.8			50.0			62.0	56.0	0	2	6	65.8	59.8	6.0	21.40	13.05	128.41	78.29
HH18*	2	60.3	53.7			50.0			60.7	55.2	0	2	6	64.5	59.0	5.5	19.42	12.09	116.54	72.51
HH19*	3	58.8	53.1			50.0			59.3	54.8	0	3	9	63.1	58.6	4.5	17.40	11.62	156.57	104.55
HH20*	2	63.3	56.2			50.0			63.5	57.1	0	2	6	67.3	60.9	6.4	23.80	14.43	142.81	86.58
HH21*	1	61.4	55.0			50.0			61.7	56.2	0	1	3	65.5	60.0	5.5	20.94	13.29	62.81	39.88
HH22*	2	59.1	52.7			50.0			59.6	54.6	0	2	6	63.4	58.4	5.0	17.82	11.39	106.93	68.32
HH23*	1	66.0	57.9			50.0			66.1	58.6	1	1	3	69.9	62.4	7.5	28.26	16.42	84.77	49.27
HH24*	1	59.5	53.5			50.0			60.0	55.1	0	1	3	63.8	58.9	4.9	18.40	11.97	55.19	35.90
HH25*	3	58.4	52.8			50.0			59.0	54.6	0	0	9	62.8	58.4	4.4	16.98	11.39	152.79	152.79
HH26*	3	57.3	51.9			55.0			59.3	56.7	0	0	9	63.1	60.5	2.6	17.40	13.92	156.57	156.57
HH27*	3	56.5	51.0			55.0			58.8	56.5	0	0	9	62.6	60.3	2.3	16.70	13.67	150.29	150.29
HH28*	2	60.5	54.4			50.0			60.9	55.7	0	2	6	64.7	59.5	5.2	19.72	12.68	118.33	76.10
HH29*	3	59.3	54.3			55.0			60.7	57.7	0	0	9	64.5	61.5	3.0	19.42	15.21	174.81	174.81
HH30*	3	58.2	53.3			55.0			59.9	57.2	0	0	9	63.7	61.0	2.7	18.25	14.56	164.26	164.26
HH31*	3	57.5	52.3			55.0			59.4	56.9	0	0	9	63.2	60.7	2.5	17.54	14.17	157.84	157.84
HH32*	1	66.1	56.8			50.0			66.2	57.6	1	1	3	70.0	61.4	8.6	28.44	15.08	85.31	45.24
HH33*	2	65.7	57.7			50.0			65.8	58.4	2	2	6	69.6	62.2	7.4	27.72	16.15	166.35	96.90
HH34*	2	64.0	57.0			50.0			64.2	57.8	0	2	6	68.0	61.6	6.4	24.97	15.35	149.79	92.07
HH35*	2	63.1	55.9			50.0			63.3	56.9	0	2	6	67.1	60.7	6.4	23.48	14.17	140.85	85.05
HH36*	1	65.0	56.5			50.0			65.1	57.4	0	1	3	68.9	61.2	7.7	26.50	14.82	79.50	44.46
HH37*	1	65.5	56.8			50.0			65.6	57.6	1	1	3	69.4	61.4	8.0	27.37	15.08	82.12	45.24
HH38*	1	63.9	56.6			50.0			64.1	57.5	0	1	3	67.9	61.3	6.6	24.80	14.95	74.39	44.85
HH39*	2	63.8	55.9			50.0			64.0	56.9	0	2	6	67.8	60.7	7.1	24.63	14.17	147.78	85.05
HH40*	2	60.9	56.2			50.0			61.2	57.1	0	0	6	65.0	60.9	4.1	20.17	14.43	121.04	121.04
HH41*	2	60.1	54.3			50.0			60.5	55.7	0	2	6	64.3	59.5	4.8	19.13	12.68	114.76	76.10
HH42*	2	58.8	56.3			50.0			59.3	57.2	0	0	6	63.1	61.0	2.1	17.40	14.56	104.38	104.38
HH43*	1	57.1	53.1			50.0			57.9	54.8	0	0	3	61.7	58.6	3.1	15.48	11.62	46.43	46.43
HH44*	1	57.6	55.3			50.0			58.3	56.4	0	0	3	62.1	60.2	1.9	16.02	13.54	48.05	48.05
HH45*	2	58.4	53.8			50.0			59.0	55.3	0	0	6	62.8	59.1	3.7	16.98	12.20	101.86	101.86
HH46*	2	59.3	53.6			50.0			59.8	55.2	0	2	6	63.6	59.0	4.6	18.11	12.09	108.65	72.51
HH47*	4	59.3	53.3			50.0			59.8	55.0	0	4	12	63.6	58.8	4.8	18.11	11.85	217.29	142.20

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML Exit 46 WB 1**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA No Barrier*	*ACHA With Barrier*	*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*			*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
4950	12	39	60	26.8%	20.5%	393	0.2679	0.2345	$2,697,000	9.2	$44,900
4950	14	39	86	26.8%	18.5%	393	0.2679	0.3094	$2,994,000	10.9	$34,800
4950	16	39	98	26.8%	17.1%	393	0.2679	0.3603	$3,291,000	11.5	$33,600
4950	18	39	111	26.8%	15.7%	393	0.2679	0.4147	$3,587,000	12.2	$32,300
4950	20	39	118	26.8%	14.6%	393	0.2679	0.4537	$3,884,000	12.3	$32,900
4950	22	39	118	26.8%	14.0%	393	0.2679	0.4777	$4,181,000	12.0	$35,400
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: **ML Exit 46 WB 1** ***Date:*** 04/02/03
Analyst: JAV ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
4948	20	39	118	26.8%	14.6%	393	26.8%	0.453732	$3,884,330	12.30	$32,918

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
II1	4	59.9	52.1			45.0			60.0	52.9	0	4	12	64.1	57.0	7.1	18.83	9.83	226.00	117.99
II2"	4	59.8	52.2			45.0			59.9	53.0	0	4	12	64.0	57.1	6.9	18.69	9.94	224.24	119.28
II3"	4	60.3	52.6			45.0			60.4	53.3	0	4	12	64.5	57.4	7.1	19.42	10.27	233.08	123.18
II4"	3	60.2	52.4			45.0			60.3	53.1	0	3	9	64.4	57.2	7.2	19.27	10.05	173.47	90.43
II5"	2	59.9	52.5			45.0			60.0	53.2	0	2	6	64.1	57.3	6.8	18.83	10.16	113.00	60.94
II6"	2	61.0	56.3			45.0			61.1	56.6	0	2	6	65.2	60.7	4.5	20.48	14.17	122.86	85.05
II7"	3	64.6	54.8			45.0			64.6	55.2	0	3	9	68.7	59.3	9.4	26.16	12.44	235.40	111.98
II8"	4	63.8	55.5			45.0			63.9	55.9	0	4	12	68.0	60.0	8.0	24.97	13.29	299.58	159.54
II9"	4	64.0	54.9			45.0			64.1	55.3	0	4	12	68.2	59.4	8.8	25.30	12.56	303.63	150.75
II10"	4	62.9	56.0			45.0			63.0	56.3	0	4	12	67.1	60.4	6.7	23.48	13.79	281.70	165.53
II11"	3	63.4	56.8			45.0			63.5	57.1	0	3	9	67.6	61.2	6.4	24.30	14.82	218.68	133.37
II12"	2	61.2	57.6			45.0			61.3	57.8	0	0	6	65.4	61.9	3.5	20.78	15.75	124.70	124.70
II13"	3	63.4	56.5			45.0			63.5	56.8	0	3	9	67.6	60.9	6.7	24.30	14.43	218.68	129.88
II14"	2	70.9	58.7			45.0			70.9	58.9	2	2	6	75.0	63.0	12.0	38.09	17.26	228.51	103.53
II15"	3	73.3	59.1			45.0			73.3	59.3	3	3	9	77.4	63.4	14.0	43.21	17.82	388.88	160.39
II16"	4	73.2	59.3			45.0			73.2	59.5	4	4	12	77.3	63.6	13.7	42.99	18.11	515.86	217.29
II17"	4	72.7	58.9			45.0			72.7	59.1	4	4	12	76.8	63.2	13.6	41.90	17.54	502.77	210.45
II18"	4	73.9	59.1			45.0			73.9	59.3	4	4	12	78.0	63.4	14.6	44.54	17.82	534.47	213.86
II19"	3	72.2	58.9			45.0			72.2	59.1	3	3	9	76.3	63.2	13.1	40.82	17.54	367.39	157.84
II20"	2	69.7	59.5			45.0			69.7	59.7	2	2	6	73.8	63.8	10.0	35.64	18.40	213.86	110.38
II21"	2	66.4	57.5			45.0			66.4	57.7	2	2	6	70.5	61.8	8.7	29.34	15.61	176.04	93.67
II22"	2	63.1	55.7			45.0			63.2	56.1	0	2	6	67.3	60.2	7.1	23.80	13.54	142.81	81.26
II23"	3	63.8	55.3			45.0			63.9	55.7	0	3	9	68.0	59.8	8.2	24.97	13.05	224.69	117.44
II24"	5	62.7	56.4			45.0			62.8	56.7	0	5	15	66.9	60.8	6.1	23.15	14.30	347.25	214.53
II25"	5	62.8	56.6			45.0			62.9	56.9	0	5	15	67.0	61.0	6.0	23.31	14.56	349.69	218.40
II26"	2	62.8	56.3			55.0			63.5	58.7	0	2	6	67.6	62.8	4.8	24.30	16.98	145.78	101.86
II27"	2	55.5	48.8			55.0			58.3	55.9	0	0	6	62.4	60.0	2.4	16.42	13.29	98.54	98.54
II28"	3	59.6	54.6			45.0			59.7	55.1	0	3	9	63.8	59.2	4.6	18.40	12.32	165.57	110.90
II29"	3	59.0	52.4			55.0			60.5	56.9	0	0	9	64.6	61.0	3.6	19.57	14.56	176.15	176.15
II30"	4	58.0	50.7			55.0			59.8	56.4	0	0	12	63.9	60.5	3.4	18.54	13.92	222.49	222.49
II31"	1	63.4	59.3			55.0			64.0	60.7	0	0	3	68.1	64.8	3.3	25.13	19.87	75.40	75.40
II32"	2	63.0	56.5			45.0			63.1	56.8	0	2	6	67.2	60.9	6.3	23.64	14.43	141.83	86.58
II33"	2	63.5	56.9			45.0			63.6	57.2	0	2	6	67.7	61.3	6.4	24.46	14.95	146.78	89.70
II34"	3	62.7	56.6			45.0			62.8	56.9	0	3	9	66.9	61.0	5.9	23.15	14.56	208.35	131.04
II35"	3	63.0	54.4			45.0			63.1	54.9	0	3	9	67.2	59.0	8.2	23.64	12.09	212.75	108.77
II36"	2	61.4	55.0			45.0			61.5	55.4	0	2	6	65.6	59.5	6.1	21.09	12.68	126.55	76.10
II37"	1	58.3	51.3			45.0			58.5	52.2	0	1	3	62.6	56.3	6.3	16.70	9.10	50.10	27.29
II38"	2	69.3	60.8			45.0			69.3	60.9	2	2	6	73.4	65.0	8.4	34.85	20.17	209.08	121.04
II39"	3	70.4	58.9			45.0			70.4	59.1	3	3	9	74.5	63.2	11.3	37.06	17.54	333.52	157.84
II40"	3	69.9	57.6			45.0			69.9	57.8	3	3	9	74.0	61.9	12.1	36.04	15.75	324.40	141.71
II41"	3	69.7	58.8			45.0			69.7	59.0	3	3	9	73.8	63.1	10.7	35.64	17.40	320.79	156.57
II42"	2	69.1	57.5			45.0			69.1	57.7	2	2	6	73.2	61.8	11.4	34.45	15.61	206.71	93.67
II43"	2	66.5	56.1			45.0			66.5	56.4	2	2	6	70.6	60.5	10.1	29.52	13.92	177.13	83.52
II44"	3	64.8	53.5			45.0			64.8	54.1	0	3	9	68.9	58.2	10.7	26.50	11.16	238.50	100.42
II45"	3	57.5	51.0			45.0			57.7	52.0	0	3	9	61.8	56.1	5.7	15.61	8.89	140.50	80.02
II46"	1	55.5	51.9			45.0			55.9	52.7	0	0	3	60.0	56.8	3.2	13.29	9.62	39.88	39.88

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML/exit 50A/EB/1**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*	*ACHA*	*Terms in the Priority Index Equation*				*Priority*	*Cost*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*	*Index*	*per Res. Benefited*
1750	12	30	43	20.7%	15.8%	309	0.2067	0.2348	$955,000	15.7	$22,200
1750	14	30	47	20.7%	15.2%	309	0.2067	0.2629	$1,060,000	15.8	$22,600
1750	16	30	58	20.7%	14.3%	309	0.2067	0.3088	$1,166,000	16.9	$20,100
1750	18	30	62	20.7%	13.8%	309	0.2067	0.3312	$1,271,000	16.6	$20,500
1750	20	30	62	20.7%	13.6%	309	0.2067	0.3416	$1,376,000	15.9	$22,200
1750	22	30	62	20.7%	13.4%	309	0.2067	0.3501	$1,481,000	15.1	$23,900
1750	24	30	69	20.7%	12.9%	309	0.2067	0.3747	$1,586,000	15.1	$23,000
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: ML/exit 50A/EB/1 ***Date:*** 04/02/03
Analyst: GMM ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
1753	16	30	58	20.7%	14.3%	309	20.7%	0.3087616	$1,165,595	16.92	$20,096

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
JJ-M1	3	69.0	64.2			55.0			69.2	64.7	3	3	9	69.4	64.9	4.5	27.37	20.02	246.35	180.20
JJ-M2"	3	73.7	61.4			55.0			73.8	62.3	3	3	9	74.0	62.5	11.5	36.04	16.56	324.40	149.05
JJ1"	3	70.1	60.2			55.0			70.2	61.3	3	3	9	70.4	61.5	8.9	29.16	15.21	262.42	136.92
JJ2"	3	71.0	59.9			55.0			71.1	61.1	3	3	9	71.3	61.3	10.0	30.81	14.95	277.31	134.55
JJ3"	3	71.5	59.7			55.0			71.6	61.0	3	3	9	71.8	61.2	10.6	31.75	14.82	285.76	133.37
JJ4"	4	71.2	59.4			55.0			71.3	60.7	4	4	12	71.5	60.9	10.6	31.19	14.43	374.23	173.17
JJ5"	3	73.6	61.3			55.0			73.7	62.2	3	3	9	73.9	62.4	11.5	35.84	16.42	322.59	147.81
JJ6"	4	75.3	62.9			55.0			75.3	63.6	4	4	12	75.5	63.8	11.7	39.13	18.40	469.52	220.75
JJ7"	1	72.9	63.5			55.0			73.0	64.1	1	1	3	73.2	64.3	8.9	34.45	19.13	103.36	57.38
JJ8"	2	71.9	64.3			55.0			72.0	64.8	2	2	6	72.2	65.0	7.2	32.51	20.17	195.07	121.04
JJ9"	1	70.4	64.9			55.0			70.5	65.3	1	1	3	70.7	65.5	5.2	29.70	20.94	89.11	62.81
JJ10"	4	60.8	52.2			55.0			61.8	56.8	0	4	12	62.0	57.0	5.0	15.88	9.83	190.56	117.99
JJ11"	3	61.5	52.5			55.0			62.4	56.9	0	3	9	62.6	57.1	5.5	16.70	9.94	150.29	89.46
JJ12"	2	62.6	54.4			55.0			63.3	57.7	0	2	6	63.5	57.9	5.6	17.96	10.82	107.79	64.91
JJ13"	1	63.0	54.9			55.0			63.6	58.0	0	1	3	63.8	58.2	5.6	18.40	11.16	55.19	33.47
JJ14"	2	60.5	52.4			55.0			61.6	56.9	0	2	6	61.8	57.1	4.7	15.61	9.94	93.67	59.64
JJ15"	4	63.6	54.8			55.0			64.2	57.9	0	4	12	64.4	58.1	6.3	19.27	11.04	231.30	132.53
JJ16"	2	64.4	61.4			55.0			64.9	62.3	0	0	6	65.1	62.5	2.6	20.32	16.56	121.95	121.95
JJ17"	2	63.3	60.8			55.0			63.9	61.8	0	0	6	64.1	62.0	2.1	18.83	15.88	113.00	113.00
JJ18"	2	62.0	59.7			55.0			62.8	61.0	0	0	6	63.0	61.2	1.8	17.26	14.82	103.53	103.53
JJ19"	2	60.9	58.8			55.0			61.9	60.3	0	0	6	62.1	60.5	1.6	16.02	13.92	96.09	96.09
JJ20"	2	59.7	57.6			55.0			61.0	59.5	0	0	6	61.2	59.7	1.5	14.82	12.93	88.92	88.92
JJ21"	4	60.1	54.8			55.0			61.3	57.9	0	0	12	61.5	58.1	3.4	15.21	11.04	182.56	182.56
JJ22"	4	60.6	53.5			55.0			61.7	57.3	0	0	12	61.9	57.5	4.4	15.75	10.37	188.95	188.95
JJ23"	4	60.1	53.0			55.0			61.3	57.1	0	0	12	61.5	57.3	4.2	15.21	10.16	182.56	182.56
JJ24"	3	58.9	52.0			55.0			60.4	56.8	0	0	9	60.6	57.0	3.6	14.05	9.83	126.42	126.42
JJ25"	3	57.9	51.0			55.0			59.7	56.5	0	0	9	59.9	56.7	3.2	13.17	9.51	118.54	118.54
JJ26"	3	62.0	53.9			55.0			62.8	57.5	0	3	9	63.0	57.7	5.3	17.26	10.60	155.30	95.36
JJ27"	3	59.9	51.5			55.0			61.1	56.6	0	3	9	61.3	56.8	4.5	14.95	9.62	134.55	86.57
JJ28"	3	60.0	52.5			55.0			61.2	56.9	0	0	9	61.4	57.1	4.3	15.08	9.94	135.73	135.73
JJ29"	2	61.8	54.8			55.0			62.6	57.9	0	2	6	62.8	58.1	4.7	16.98	11.04	101.86	66.26
JJ30"	2	60.9	54.3			55.0			61.9	57.7	0	0	6	62.1	57.9	4.2	16.02	10.82	96.09	96.09
JJ31"	4	60.1	52.2			55.0			61.3	56.8	0	4	12	61.5	57.0	4.5	15.21	9.83	182.56	117.99
JJ32"	4	59.1	51.2			55.0			60.5	56.5	0	0	12	60.7	56.7	4.0	14.17	9.51	170.09	170.09
JJ33"	3	58.4	50.9			55.0			60.0	56.4	0	0	9	60.2	56.6	3.6	13.54	9.41	121.89	121.89
JJ34"	2	57.7	49.2			55.0			59.6	56.0	0	0	6	59.8	56.2	3.6	13.05	8.99	78.29	78.29
JJ35"	3	56.5	49.6			55.0			58.8	56.1	0	0	9	59.0	56.3	2.7	12.09	9.10	108.77	108.77

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML/exit 50A/WB/1**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA No Barrier*	*ACHA With Barrier*	*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*			*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
3740	12	118	107	31.6%	20.9%	411	0.3158	0.3392	$2,038,000	21.6	$19,000
3740	14	118	131	31.6%	18.8%	411	0.3158	0.4036	$2,262,000	23.2	$17,300
3740	16	118	131	31.6%	18.1%	411	0.3158	0.4265	$2,486,000	22.3	$19,000
3740	18	118	131	31.6%	17.5%	411	0.3158	0.4462	$2,711,000	21.4	$20,700
3740	20	118	131	31.6%	16.9%	411	0.3158	0.4649	$2,935,000	20.6	$22,400
3740	22	118	131	31.6%	16.4%	411	0.3158	0.4800	$3,159,000	19.7	$24,100
3740	24	118	131	31.6%	16.0%	411	0.3158	0.4941	$3,384,000	19.0	$25,800
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: **ML/exit 50A/WB/1** ***Date:*** 04/02/03
Analyst: GMM ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
3739	14	118	131	31.6%	18.8%	411	31.6%	0.4036471	$2,261,945	23.16	$17,267

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
KK-M1	2	71.5	60.4			55.0			71.6	61.5	2	2	6	73.9	63.8	10.1	35.84	18.40	215.06	110.38
KK-M2"	5	73.1	63.9			55.0			73.2	64.4	5	5	15	75.5	66.7	8.8	39.13	22.83	586.89	342.41
KK-M3"	6	73.1	61.9			55.0			73.2	62.7	6	6	18	75.5	65.0	10.5	39.13	20.17	704.27	363.12
KK1"	4	71.6	61.1			55.0			71.7	62.1	4	4	12	74.0	64.4	9.6	36.04	19.27	432.54	231.30
KK2"	5	73.5	60.8			55.0			73.6	61.8	5	5	15	75.9	64.1	11.8	39.97	18.83	599.54	282.49
KK3"	4	73.4	62.4			55.0			73.5	63.1	4	4	12	75.8	65.4	10.4	39.76	20.78	477.09	249.40
KK4"	1	75.8	62.9			55.0			75.8	63.6	1	1	3	78.1	65.9	12.2	44.76	21.56	134.29	64.68
KK5"	1	73.2	63.5			55.0			73.3	64.1	1	1	3	75.6	66.4	9.2	39.34	22.35	118.01	67.04
KK6"	4	66.3	61.6			55.0			66.6	62.5	4	0	12	68.9	64.8	4.1	26.50	19.87	318.00	318.00
KK7"	3	68.6	56.9			55.0			68.8	59.1	3	3	9	71.1	61.4	9.7	30.44	15.08	273.97	135.73
KK8"	2	66.4	57.3			55.0			66.7	59.3	2	2	6	69.0	61.6	7.4	26.67	15.35	160.04	92.07
KK9"	4	66.3	57.4			55.0			66.6	59.4	4	4	12	68.9	61.7	7.2	26.50	15.48	318.00	185.74
KK10"	6	68.6	58.8			55.0			68.8	60.3	6	6	18	71.1	62.6	8.5	30.44	16.70	547.93	300.58
KK11"	11	68.1	59.3			55.0			68.3	60.7	11	11	33	70.6	63.0	7.6	29.52	17.26	974.21	569.44
KK12"	3	70.2	62.7			55.0			70.3	63.4	3	3	9	72.6	65.7	6.9	33.28	21.25	299.53	191.22
KK13"	2	69.1	60.6			55.0			69.3	61.7	2	2	6	71.6	64.0	7.6	31.37	18.69	188.24	112.12
KK14"	2	65.5	61.8			55.0			65.9	62.6	2	0	6	68.2	64.9	3.3	25.30	20.02	151.81	151.81
KK15"	4	65.9	55.8			55.0			66.2	58.4	4	4	12	68.5	60.7	7.8	25.81	14.17	309.75	170.09
KK16"	2	64.3	55.9			55.0			64.8	58.5	0	2	6	67.1	60.8	6.3	23.48	14.30	140.85	85.81
KK17"	6	64.9	56.2			55.0			65.3	58.7	0	6	18	67.6	61.0	6.6	24.30	14.56	437.35	262.07
KK18"	11	65.3	56.4			55.0			65.7	58.8	0	11	33	68.0	61.1	6.9	24.97	14.69	823.85	484.74
KK19"	15	66.6	60.9			55.0			66.9	61.9	15	15	45	69.2	64.2	5.0	27.02	18.98	1215.97	854.09
KK20"	3	66.3	60.6			55.0			66.6	61.7	3	3	9	68.9	64.0	4.9	26.50	18.69	238.50	168.18
KK21"	6	65.7	60.0			55.0			66.1	61.2	6	6	18	68.4	63.5	4.9	25.64	17.96	461.55	323.36
KK22"	3	67.1	60.0			55.0			67.4	61.2	3	3	9	69.7	63.5	6.2	27.90	17.96	251.12	161.68
KK23"	4	73.6	62.2			55.0			73.7	63.0	4	4	12	76.0	65.3	10.7	40.18	20.63	482.17	247.56
KK24"	3	73.7	63.0			55.0			73.8	63.6	3	3	9	76.1	65.9	10.2	40.39	21.56	363.54	194.03
KK25"	6	72.2	63.5			55.0			72.3	64.1	6	6	18	74.6	66.4	8.2	37.26	22.35	670.72	402.25
KK26"	5	73.9	64.0			55.0			74.0	64.5	5	5	15	76.3	66.8	9.5	40.82	22.99	612.31	344.83
KK27"	4	73.2	63.9			55.0			73.3	64.4	4	4	12	75.6	66.7	8.9	39.34	22.83	472.03	273.93

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML/exit 51/EB/1**

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
4570	12	107	127	30.9%	22.1%	528	0.3092	0.2840	$2,489,000	18.6	$19,600
4570	14	107	146	30.9%	20.6%	528	0.3092	0.3352	$2,763,000	19.8	$18,900
4570	16	107	152	30.9%	19.5%	528	0.3092	0.3682	$3,038,000	19.8	$20,000
4570	18	107	152	30.9%	18.9%	528	0.3092	0.3894	$3,312,000	19.2	$21,800
4570	20	107	156	30.9%	18.2%	528	0.3092	0.4125	$3,586,000	18.8	$23,000
4570	22	107	156	30.9%	17.7%	528	0.3092	0.4292	$3,860,000	18.2	$24,700
4570	24	107	158	30.9%	17.1%	528	0.3092	0.4463	$4,134,000	17.6	$26,200
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: **ML/exit 51/EB/1** ***Date:*** 04/02/03
Analyst: GMM ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
4568	14	107	146	30.9%	20.6%	528	30.9%	0.3351835	$2,763,460	19.80	$18,928

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
LL-M1	4	75.1	64.4			55.0			75.1	64.9	4	4	12	78.0	67.8	10.2	44.54	24.63	534.47	295.56
LL-M2*	2	73.3	60.5			55.0			73.4	61.6	2	2	6	76.3	64.5	11.8	40.82	19.42	244.92	116.54
LL-M3*	6	75.0	64.6			55.0			75.0	65.1	6	6	18	77.9	68.0	9.9	44.32	24.97	797.69	449.37
LL-M4*	1	73.3	62.2			55.0			73.4	63.0	1	1	3	76.3	65.9	10.4	40.82	21.56	122.46	64.68
LL1*	5	71.2	61.6			55.0			71.3	62.5	5	5	15	74.2	65.4	8.8	36.45	20.78	546.73	311.75
LL2*	2	70.2	62.7			55.0			70.3	63.4	2	2	6	73.2	66.3	6.9	34.45	22.19	206.71	133.13
LL3*	5	74.8	63.1			55.0			74.8	63.7	5	5	15	77.7	66.6	11.1	43.87	22.67	658.07	340.00
LL4*	9	75.4	65.2			55.0			75.4	65.6	9	9	27	78.3	68.5	9.8	45.21	25.81	1220.72	696.93
LL5*	2	72.8	62.7			55.0			72.9	63.4	2	2	6	75.8	66.3	9.5	39.76	22.19	238.55	133.13
LL6*	6	66.8	60.7			55.0			67.1	61.7	6	6	18	70.0	64.6	5.4	28.44	19.57	511.86	352.30
LL7*	3	67.7	60.3			55.0			67.9	61.4	3	3	9	70.8	64.3	6.5	29.89	19.13	268.99	172.14
LL8*	2	67.2	60.0			55.0			67.5	61.2	2	2	6	70.4	64.1	6.3	29.16	18.83	174.95	113.00
LL9*	5	68.9	61.9			55.0			69.1	62.7	5	5	15	72.0	65.6	6.4	32.13	21.09	481.95	316.38
LL10*	12	68.9	62.8			55.0			69.1	63.5	12	12	36	72.0	66.4	5.6	32.13	22.35	1156.68	804.51
LL11*	4	67.6	62.6			55.0			67.8	63.3	4	4	12	70.7	66.2	4.5	29.70	22.03	356.45	264.36
LL12*	2	66.9	61.7			55.0			67.2	62.5	2	2	6	70.1	65.4	4.7	28.62	20.78	171.70	124.70
LL13*	6	68.1	62.8			55.0			68.3	63.5	6	6	18	71.2	66.4	4.8	30.63	22.35	551.27	402.25
LL14*	2	68.8	61.8			55.0			69.0	62.6	2	2	6	71.9	65.5	6.4	31.94	20.94	191.64	125.62
LL15*	2	70.4	61.4			55.0			70.5	62.3	2	2	6	73.4	65.2	8.2	34.85	20.48	209.08	122.86
LL16*	3	69.7	59.7			55.0			69.8	61.0	3	3	9	72.7	63.9	8.8	33.47	18.54	301.27	166.87
LL17*	8	63.7	60.5			55.0			64.2	61.6	0	0	24	67.1	64.5	2.6	23.48	19.42	563.41	563.41
LL18*	2	64.5	58.3			55.0			65.0	60.0	0	2	6	67.9	62.9	5.0	24.80	17.12	148.78	102.69
LL19*	6	65.1	58.3			55.0			65.5	60.0	0	6	18	68.4	62.9	5.5	25.64	17.12	461.55	308.08
LL20*	12	64.8	58.8			55.0			65.2	60.3	0	12	36	68.1	63.2	4.9	25.13	17.54	904.81	631.35
LL21*	3	64.5	58.9			55.0			65.0	60.4	0	3	9	67.9	63.3	4.6	24.80	17.68	223.18	159.11
LL22*	2	64.6	59.7			55.0			65.1	61.0	0	0	6	68.0	63.9	4.1	24.97	18.54	149.79	149.79
LL23*	4	62.8	58.8			55.0			63.5	60.3	0	0	12	66.4	63.2	3.2	22.35	17.54	268.17	268.17
LL24*	4	63.8	58.1			55.0			64.3	59.8	0	4	12	67.2	62.7	4.5	23.64	16.84	283.66	202.05
LL25*	2	66.7	59.3			55.0			67.0	60.7	2	2	6	69.9	63.6	6.3	28.26	18.11	169.55	108.65
LL26*	3	67.2	59.6			55.0			67.5	60.9	3	3	9	70.4	63.8	6.6	29.16	18.40	262.42	165.57
LL27*	2	61.8	57.7			55.0			62.6	59.6	0	0	6	65.5	62.5	3.0	20.94	16.56	125.62	125.62
LL28*	4	61.2	57.3			55.0			62.1	59.3	0	0	12	65.0	62.2	2.8	20.17	16.15	242.08	242.08
LL29*	4	62.3	56.6			55.0			63.0	58.9	0	0	12	65.9	61.8	4.1	21.56	15.61	258.70	258.70
LL30*	2	64.7	57.1			55.0			65.1	59.2	0	2	6	68.0	62.1	5.9	24.97	16.02	149.79	96.09
LL31*	2	64.7	57.2			55.0			65.1	59.2	0	2	6	68.0	62.1	5.9	24.97	16.02	149.79	96.09
LL32*	3	67.3	57.4			55.0			67.5	59.4	3	3	9	70.4	62.3	8.1	29.16	16.29	262.42	146.58
LL33*	2	71.6	62.2			55.0			71.7	63.0	2	2	6	74.6	65.9	8.7	37.26	21.56	223.57	129.35
LL34*	3	74.7	64.9			55.0			74.7	65.3	3	3	9	77.6	68.2	9.4	43.65	25.30	392.85	227.72
LL35*	4	75.1	64.4			55.0			75.1	64.9	4	4	12	78.0	67.8	10.2	44.54	24.63	534.47	295.56
LL36*	2	63.3	53.5			55.0			63.9	57.3	0	2	6	66.8	60.2	6.6	22.99	13.54	137.93	81.26
LL37*	2	64.7	55.3			55.0			65.1	58.2	0	2	6	68.0	61.1	6.9	24.97	14.69	149.79	88.14
LL38*	2	68.8	58.5			55.0			69.0	60.1	2	2	6	71.9	63.0	8.9	31.94	17.26	191.64	103.53
LL39*	1	70.0	59.4			55.0			70.1	60.7	1	1	3	73.0	63.6	9.4	34.06	18.11	102.18	54.32
LL40*	1	69.0	57.8			55.0			69.2	59.6	1	1	3	72.1	62.5	9.6	32.32	16.56	96.96	49.68
LL41*	3	66.5	56.2			55.0			66.8	58.7	3	3	9	69.7	61.6	8.1	27.90	15.35	251.12	138.11
LL42*	4	64.3	55.0			55.0			64.8	58.0	0	4	12	67.7	60.9	6.8	24.46	14.43	293.56	173.17
LL43*	2	62.7	59.7			55.0			63.4	61.0	0	0	6	66.3	63.9	2.4	22.19	18.54	133.13	133.13
LL44*	4	61.8	59.2			55.0			62.6	60.6	0	0	12	65.5	63.5	2.0	20.94	17.96	251.25	251.25

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML/exit 51/WB/1**

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
3800	12	132	89	30.4%	24.2%	585	0.3043	0.2041	$2,070,000	17.5	$23,300
3800	14	132	103	30.4%	23.1%	585	0.3043	0.2394	$2,298,000	18.5	$22,300
3800	16	132	123	30.4%	21.9%	585	0.3043	0.2794	$2,526,000	19.7	$20,500
3800	18	132	123	30.4%	21.5%	585	0.3043	0.2928	$2,754,000	18.9	$22,400
3800	20	132	123	30.4%	21.2%	585	0.3043	0.3030	$2,982,000	18.1	$24,200
3800	22	132	127	30.4%	20.8%	585	0.3043	0.3175	$3,210,000	17.6	$25,300
3800	24	132	127	30.4%	20.6%	585	0.3043	0.3244	$3,438,000	16.8	$27,100
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: **ML/exit 51/WB/1** ***Date:*** 04/02/03
Analyst: GMM ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
3799	16	132	123	30.4%	21.9%	585	30.4%	0.2793764	$2,526,095	19.69	$20,537

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
MM-M1	11	76.2	64.0			60.0			76.3	65.5	11	11	33	77.7	66.9	10.8	43.87	23.15	1447.76	763.96
MM-M2"	6	77.6	65.2			60.0			77.7	66.3	6	6	18	79.1	67.7	11.4	47.03	24.46	846.55	440.34
MM-M3"	4	74.6	63.6			60.0			74.7	65.2	4	4	12	76.1	66.6	9.5	40.39	22.67	484.73	272.00
MM-M4"	12	75.9	64.9			60.0			76.0	66.1	12	12	36	77.4	67.5	9.9	43.21	24.13	1555.51	868.75
MM1"	14	68.3	60.2			60.0			68.9	63.1	14	14	42	70.3	64.5	5.8	28.98	19.42	1217.02	815.77
MM2"	4	69.1	61.9			60.0			69.6	64.1	4	4	12	71.0	65.5	5.5	30.26	20.94	363.07	251.25
MM3"	8	70.5	62.6			60.0			70.9	64.5	8	8	24	72.3	65.9	6.4	32.70	21.56	784.87	517.40
MM4"	4	68.0	61.3			60.0			68.6	63.7	4	4	12	70.0	65.1	4.9	28.44	20.32	341.24	243.90
MM5"	4	68.1	61.5			60.0			68.7	63.8	4	4	12	70.1	65.2	4.9	28.62	20.48	343.39	245.73
MM6"	3	67.6	62.3			60.0			68.3	64.3	3	0	9	69.7	65.7	4.0	27.90	21.25	251.12	251.12
MM7"	10	66.7	59.3			60.0			67.5	62.7	10	10	30	68.9	64.1	4.8	26.50	18.83	795.00	564.99
MM8"	12	68.4	60.8			60.0			69.0	63.4	12	12	36	70.4	64.8	5.6	29.16	19.87	1049.68	715.38
MM9"	2	67.7	62.8			60.0			68.4	64.6	2	0	6	69.8	66.0	3.8	28.08	21.72	168.48	168.48
MM10"	16	65.1	58.7			60.0			66.3	62.4	0	0	48	67.7	63.8	3.9	24.46	18.40	1174.25	1174.25
MM11"	12	66.9	60.4			60.0			67.7	63.2	12	12	36	69.1	64.6	4.5	26.85	19.57	966.50	704.59
MM12"	4	67.7	59.7			60.0			68.4	62.9	4	4	12	69.8	64.3	5.5	28.08	19.13	336.96	229.52
MM13"	2	63.9	60.7			60.0			65.4	63.4	0	0	6	66.8	64.8	2.0	22.99	19.87	137.93	137.93
MM14"	10	62.5	56.8			60.0			64.4	61.7	0	0	30	65.8	63.1	2.7	21.40	17.40	642.07	642.07
MM15"	12	64.4	58.6			60.0			65.7	62.4	0	0	36	67.1	63.8	3.3	23.48	18.40	845.11	845.11
MM16"	4	67.5	61.8			60.0			68.2	64.0	4	0	12	69.6	65.4	4.2	27.72	20.78	332.70	332.70
MM17"	11	60.2	55.5			60.0			63.1	61.3	0	0	33	64.5	62.7	1.8	19.42	16.84	640.96	640.96
MM18"	12	61.8	57.3			60.0			64.0	61.9	0	0	36	65.4	63.3	2.1	20.78	17.68	748.20	748.20
MM19"	4	74.4	63.4			60.0			74.6	65.0	4	4	12	76.0	66.4	9.6	40.18	22.35	482.17	268.17
MM20"	3	75.2	63.9			60.0			75.3	65.4	3	3	9	76.7	66.8	9.9	41.68	22.99	375.13	206.90
MM21"	2	75.1	64.4			60.0			75.2	65.7	2	2	6	76.6	67.1	9.5	41.47	23.48	248.79	140.85
MM22"	7	77.0	64.3			60.0			77.1	65.7	7	7	21	78.5	67.1	11.4	45.66	23.48	958.93	492.98
MM23"	2	76.1	64.8			60.0			76.2	66.0	2	2	6	77.6	67.4	10.2	43.65	23.97	261.90	143.80

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML/exit 52/EB/1**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA No Barrier*	*ACHA With Barrier*	*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*			*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
4830	12	98	79	30.5%	23.5%	393	0.3050	0.2312	$2,631,000	10.5	$33,300
4830	14	98	87	30.5%	22.4%	393	0.3050	0.2655	$2,921,000	10.9	$33,600
4830	16	98	97	30.5%	21.4%	393	0.3050	0.2988	$3,211,000	11.2	$33,100
4830	18	98	97	30.5%	21.0%	393	0.3050	0.3117	$3,500,000	10.7	$36,100
4830	20	98	97	30.5%	20.8%	393	0.3050	0.3197	$3,790,000	10.1	$39,100
4830	22	98	97	30.5%	20.5%	393	0.3050	0.3264	$4,080,000	9.6	$42,100
4830	24	98	97	30.5%	20.4%	393	0.3050	0.3318	$4,369,000	9.1	$45,000
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: **ML/exit 52/EB/1** ***Date:*** 04/02/03
Analyst: GMM ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
4828	16	98	97	30.5%	21.4%	393	30.5%	0.2987559	$3,210,530	11.16	$33,098

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
NN-M1	4	75.0	63.0			60.0			75.1	64.8	4	4	12	77.1	66.8	10.3	42.55	22.99	510.61	275.86
NN-M2"	3	69.2	62.6			60.0			69.7	64.5	3	3	9	71.7	66.5	5.2	31.56	22.51	284.06	202.56
NN-M3"	4	72.8	61.7			60.0			73.0	63.9	4	4	12	75.0	65.9	9.1	38.09	21.56	457.02	258.70
NN-M4"	1	73.8	63.5			60.0			74.0	65.1	1	1	3	76.0	67.1	8.9	40.18	23.48	120.54	70.43
NN1"	3	70.6	61.5			60.0			71.0	63.8	3	3	9	73.0	65.8	7.2	34.06	21.40	306.54	192.62
NN2"	2	69.3	58.8			60.0			69.8	62.5	2	2	6	71.8	64.5	7.3	31.75	19.42	190.50	116.54
NN3"	2	66.2	57.5			60.0			67.1	61.9	2	2	6	69.1	63.9	5.2	26.85	18.54	161.08	111.25
NN4"	2	68.6	61.0			60.0			69.2	63.5	2	2	6	71.2	65.5	5.7	30.63	20.94	183.76	125.62
NN5"	10	68.3	59.9			60.0			68.9	63.0	10	10	30	70.9	65.0	5.9	30.07	20.17	902.14	605.20
NN6"	10	71.7	59.8			60.0			72.0	62.9	10	10	30	74.0	64.9	9.1	36.04	20.02	1081.34	600.66
NN7"	2	68.2	59.3			60.0			68.8	62.7	2	2	6	70.8	64.7	6.1	29.89	19.72	179.32	118.33
NN8"	4	70.9	60.6			60.0			71.2	63.3	4	4	12	73.2	65.3	7.9	34.45	20.63	413.43	247.56
NN9"	4	71.7	63.0			60.0			72.0	64.8	4	4	12	74.0	66.8	7.2	36.04	22.99	432.54	275.86
NN10"	2	68.8	60.4			60.0			69.3	63.2	2	2	6	71.3	65.2	6.1	30.81	20.48	184.87	122.86
NN11"	2	66.5	57.0			60.0			67.4	61.8	2	2	6	69.4	63.8	5.6	27.37	18.40	164.23	110.38
NN12"	4	63.5	54.8			60.0			65.1	61.1	0	0	12	67.1	63.1	4.0	23.48	17.40	281.70	281.70
NN13"	3	64.8	59.3			60.0			66.0	62.7	0	0	9	68.0	64.7	3.3	24.97	19.72	224.69	224.69
NN14"	14	66.0	55.7			60.0			67.0	61.4	14	14	42	69.0	63.4	5.6	26.67	17.82	1120.28	748.50
NN15"	3	65.6	56.8			60.0			66.7	61.7	3	3	9	68.7	63.7	5.0	26.16	18.25	235.40	164.26
NN16"	4	65.4	57.0			60.0			66.5	61.8	0	4	12	68.5	63.8	4.7	25.81	18.40	309.75	220.75
NN17"	4	67.4	61.0			60.0			68.1	63.5	4	4	12	70.1	65.5	4.6	28.62	20.94	343.39	251.25
NN18"	2	67.4	59.6			60.0			68.1	62.8	2	2	6	70.1	64.8	5.3	28.62	19.87	171.70	119.23
NN19"	2	63.6	55.6			60.0			65.2	61.3	0	0	6	67.2	63.3	3.9	23.64	17.68	141.83	141.83
NN20"	4	61.9	54.0			60.0			64.1	61.0	0	0	12	66.1	63.0	3.1	21.87	17.26	262.47	262.47
NN21"	2	62.0	58.0			60.0			64.1	62.1	0	0	6	66.1	64.1	2.0	21.87	18.83	131.23	131.23
NN22"	4	63.5	56.0			60.0			65.1	61.5	0	0	12	67.1	63.5	3.6	23.48	17.96	281.70	281.70
NN23"	4	65.6	59.7			60.0			66.7	62.9	4	0	12	68.7	64.9	3.8	26.16	20.02	313.86	313.86
NN24"	2	66.1	59.0			60.0			67.1	62.5	2	2	6	69.1	64.5	4.6	26.85	19.42	161.08	116.54
NN25"	4	62.3	56.0			60.0			64.3	61.5	0	0	12	66.3	63.5	2.8	22.19	17.96	266.26	266.26
NN26"	4	64.9	59.0			60.0			66.1	62.5	0	0	12	68.1	64.5	3.6	25.13	19.42	301.60	301.60
NN27"	2	65.2	59.4			60.0			66.3	62.7	0	0	6	68.3	64.7	3.6	25.47	19.72	152.83	152.83
NN28 - bas	1	67.3	63.2			60.0			68.0	64.9	1	0	3	70.0	66.9	3.1	28.44	23.15	85.31	85.31
NN29"	2	75.3	63.4			60.0			75.4	65.0	2	2	6	77.4	67.0	10.4	43.21	23.31	259.25	139.88
NN30"	2	75.1	63.7			60.0			75.2	65.2	2	2	6	77.2	67.2	10.0	42.77	23.64	256.62	141.83
NN31"	4	75.0	63.6			60.0			75.1	65.2	4	4	12	77.1	67.2	9.9	42.55	23.64	510.61	283.66
NN32"	3	74.2	62.9			60.0			74.4	64.7	3	3	9	76.4	66.7	9.7	41.04	22.83	369.32	205.45
NN33"	2	73.3	62.9			60.0			73.5	64.7	2	2	6	75.5	66.7	8.8	39.13	22.83	234.76	136.96

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML/exit 52A/EB/1**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*	*ACHA*	*Terms in the Priority Index Equation*				*Priority*	*Cost*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*	*Index*	*per Res. Benefited*
3250	12	93	79	26.6%	22.3%	543	0.2664	0.1644	$1,768,000	13.4	$22,400
3250	14	93	106	26.6%	20.3%	543	0.2664	0.2363	$1,963,000	17.4	$18,500
3250	16	93	134	26.6%	18.7%	543	0.2664	0.2982	$2,158,000	20.0	$16,100
3250	18	93	134	26.6%	18.2%	543	0.2664	0.3185	$2,352,000	19.6	$17,600
3250	20	93	137	26.6%	17.6%	543	0.2664	0.3396	$2,547,000	19.3	$18,600
3250	22	93	137	26.6%	17.2%	543	0.2664	0.3545	$2,742,000	18.7	$20,000
3250	24	93	137	26.6%	16.9%	543	0.2664	0.3669	$2,936,000	18.1	$21,400
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: **ML/exit 52A/EB/1** ***Date:*** 04/02/03
Analyst: GMM ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
3245	16	93	134	26.6%	18.7%	543	26.6%	0.2981939	$2,157,745	19.99	$16,103

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
OO-M1	5	72.2	65.3			50.0			72.2	65.4	5	5	15	74.7	67.9	6.8	37.47	24.80	562.01	371.96
OO-M2"	3	73.5	63.5			50.0			73.5	63.7	3	3	9	76.0	66.2	9.8	40.18	22.03	361.63	198.27
OO-M3"	7	71.0	62.7			50.0			71.0	62.9	7	7	21	73.5	65.4	8.1	35.05	20.78	735.95	436.45
OO1"	6	68.7	64.7			50.0			68.8	64.8	6	0	18	71.3	67.3	4.0	30.81	23.80	554.62	554.62
OO2"	12	68.1	60.9			50.0			68.2	61.2	12	12	36	70.7	63.7	7.0	29.70	18.25	1069.35	657.06
OO3"	5	69.1	60.4			50.0			69.2	60.8	5	5	15	71.7	63.3	8.4	31.56	17.68	473.43	265.19
OO4"	4	66.8	61.3			50.0			66.9	61.6	4	4	12	69.4	64.1	5.3	27.37	18.83	328.46	226.00
OO5"	6	66.6	63.0			50.0			66.7	63.2	6	0	18	69.2	65.7	3.5	27.02	21.25	486.39	486.39
OO6"	17	64.4	58.9			50.0			64.6	59.4	0	17	51	67.1	61.9	5.2	23.48	15.75	1197.24	803.02
OO7"	15	63.5	57.8			50.0			63.7	58.5	0	15	45	66.2	61.0	5.2	22.03	14.56	991.36	655.19
OO8"	12	62.2	57.2			50.0			62.5	58.0	0	12	36	65.0	60.5	4.5	20.17	13.92	726.24	501.13
OO9"	4	63.9	61.6			50.0			64.1	61.9	0	0	12	66.6	64.4	2.2	22.67	19.27	272.00	272.00
OO10"	14	61.9	57.4			50.0			62.2	58.1	0	0	42	64.7	60.6	4.1	19.72	14.05	828.30	828.30
OO11"	12	60.2	54.9			50.0			60.6	56.1	0	12	36	63.1	58.6	4.5	17.40	11.62	626.27	418.21
OO12"	14	59.2	55.0			50.0			59.7	56.2	0	0	42	62.2	58.7	3.5	16.15	11.73	678.33	678.33
OO13"	4	70.6	63.2			50.0			70.6	63.4	4	4	12	73.1	65.9	7.2	34.26	21.56	411.07	258.70
OO14"	5	72.8	63.0			50.0			72.8	63.2	5	5	15	75.3	65.7	9.6	38.71	21.25	580.62	318.70
OO15"	4	73.2	63.1			50.0			73.2	63.3	4	4	12	75.7	65.8	9.9	39.55	21.40	474.56	256.83
OO16"	3	72.7	63.5			50.0			72.7	63.7	3	3	9	75.2	66.2	9.0	38.50	22.03	346.50	198.27
OO17"	6	72.9	64.4			50.0			72.9	64.6	6	6	18	75.4	67.1	8.3	38.92	23.48	700.51	422.55
OO18"	3	71.2	63.9			50.0			71.2	64.1	3	3	9	73.7	66.6	7.1	35.44	22.67	318.99	204.00
OO19"	5	68.0	60.0			50.0			68.1	60.4	5	5	15	70.6	62.9	7.7	29.52	17.12	442.82	256.73
OO20"	5	67.3	59.6			50.0			67.4	60.1	5	5	15	69.9	62.6	7.3	28.26	16.70	423.87	250.48
OO21"	3	69.5	61.2			50.0			69.5	61.5	3	3	9	72.0	64.0	8.0	32.13	18.69	289.17	168.18
OO22"	4	67.2	60.7			50.0			67.3	61.1	4	4	12	69.8	63.6	6.2	28.08	18.11	336.96	217.29
OO23"	3	66.8	63.4			50.0			66.9	63.6	3	0	9	69.4	66.1	3.3	27.37	21.87	246.35	246.35

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML/exit 55/EB/2**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA No Barrier*	*ACHA With Barrier*	*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*			*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
2000	12	65	54	26.2%	22.7%	507	0.2618	0.1322	$1,089,000	16.1	$20,200
2000	14	65	54	26.2%	22.4%	507	0.2618	0.1442	$1,209,000	15.8	$22,400
2000	16	65	65	26.2%	21.7%	507	0.2618	0.1712	$1,329,000	17.1	$20,400
2000	18	65	65	26.2%	21.5%	507	0.2618	0.1778	$1,448,000	16.3	$22,300
2000	20	65	65	26.2%	21.4%	507	0.2618	0.1841	$1,568,000	15.6	$24,100
2000	22	65	74	26.2%	20.8%	507	0.2618	0.2043	$1,688,000	16.1	$22,800
2000	24	65	82	26.2%	20.4%	507	0.2618	0.2197	$1,808,000	16.1	$22,000
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: ML/exit 55/EB/2 *Date:* 04/02/03
Analyst: GMM *Company:* BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
1998	16	65	65	26.2%	21.7%	507	26.2%	0.1712221	$1,328,520	17.11	$20,439

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
QQ-M1	4	69.1	61.0			55.0			69.3	62.0	4	4	12	71.9	64.6	7.3	31.94	19.57	383.28	234.86
QQ-M2"	5	72.3	62.6			55.0			72.4	63.3	5	5	15	75.0	65.9	9.1	38.09	21.56	571.28	323.38
QQ1"	5	72.9	63.3			55.0			73.0	63.9	5	5	15	75.6	66.5	9.1	39.34	22.51	590.04	337.60
QQ2"	3	74.0	64.7			55.0			74.1	65.1	3	3	9	76.7	67.7	9.0	41.68	24.46	375.13	220.17
QQ3"	4	64.6	58.7			55.0			65.1	60.2	0	4	12	67.7	62.8	4.9	24.46	16.98	293.56	203.71
QQ4"	8	67.0	60.3			55.0			67.3	61.4	8	8	24	69.9	64.0	5.9	28.26	18.69	678.19	448.48
QQ5"	6	69.6	64.0			55.0			69.7	64.5	6	6	18	72.3	67.1	5.2	32.70	23.48	588.66	422.55
QQ6"	8	62.2	56.7			55.0			63.0	58.9	0	0	24	65.6	61.5	4.1	21.09	15.21	506.20	506.20
QQ7"	7	64.2	58.4			55.0			64.7	60.0	0	7	21	67.3	62.6	4.7	23.80	16.70	499.85	350.67
QQ8"	7	67.3	63.6			55.0			67.5	64.2	7	0	21	70.1	66.8	3.3	28.62	22.99	600.94	600.94
QQ9"	6	59.5	56.1			55.0			60.8	58.6	0	0	18	63.4	61.2	2.2	17.82	14.82	320.79	320.79
QQ10"	12	61.3	57.8			55.0			62.2	59.6	0	0	36	64.8	62.2	2.6	19.87	16.15	715.38	715.38
QQ11"	18	64.8	62.8			55.0			65.2	63.5	0	0	54	67.8	66.1	1.7	24.63	21.87	1330.03	1330.03
QQ12"	5	58.4	56.4			55.0			60.0	58.8	0	0	15	62.6	61.4	1.2	16.70	15.08	250.48	250.48
QQ13"	13	60.0	58.1			55.0			61.2	59.8	0	0	39	63.8	62.4	1.4	18.40	16.42	717.45	717.45
QQ14"	10	63.8	62.7			55.0			64.3	63.4	0	0	30	66.9	66.0	0.9	23.15	21.72	694.51	694.51
QQ15"	12	62.9	62.2			55.0			63.6	63.0	0	0	36	66.2	65.6	0.6	22.03	21.09	793.09	793.09
QQ16"	3	69.4	61.3			55.0			69.6	62.2	3	3	9	72.2	64.8	7.4	32.51	19.87	292.60	178.84
QQ17"	3	72.5	63.0			55.0			72.6	63.6	3	3	9	75.2	66.2	9.0	38.50	22.03	346.50	198.27
QQ18"	2	72.7	63.1			55.0			72.8	63.7	2	2	6	75.4	66.3	9.1	38.92	22.19	233.50	133.13
QQ19"	2	72.6	63.8			55.0			72.7	64.3	2	2	6	75.3	66.9	8.4	38.71	23.15	232.25	138.90
QQ20"	2	63.1	58.0			55.0			63.7	59.8	0	0	6	66.3	62.4	3.9	22.19	16.42	133.13	133.13
QQ21"	4	66.1	59.4			55.0			66.4	60.7	4	4	12	69.0	63.3	5.7	26.67	17.68	320.08	212.15
QQ22"	6	68.0	61.4			55.0			68.2	62.3	6	6	18	70.8	64.9	5.9	29.89	20.02	537.97	360.40
QQ23"	3	72.7	67.3			55.0			72.8	67.5	3	3	9	75.4	70.1	5.3	38.92	28.62	350.25	257.55
QQ24"	7	65.2	60.2			55.0			65.6	61.3	0	0	21	68.2	63.9	4.3	25.30	18.54	531.35	531.35
QQ25"	4	69.2	66.6			55.0			69.4	66.9	4	0	12	72.0	69.5	2.5	32.13	27.55	385.56	385.56

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML/exit 56/EB/1**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA No Barrier*	*ACHA With Barrier*	*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*			*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
3790	12	175	62	29.4%	26.9%	747	0.2940	0.0865	$2,101,000	9.0	$33,900
3790	14	175	123	29.4%	24.0%	747	0.2940	0.1852	$2,334,000	17.4	$19,000
3790	16	175	186	29.4%	20.8%	747	0.2940	0.2916	$2,568,000	24.9	$13,800
3790	18	175	201	29.4%	19.3%	747	0.2940	0.3423	$2,801,000	26.8	$13,900
3790	20	175	201	29.4%	18.5%	747	0.2940	0.3700	$3,035,000	26.8	$15,100
3790	22	175	201	29.4%	18.0%	747	0.2940	0.3892	$3,268,000	26.2	$16,300
3790	24	175	201	29.4%	17.5%	747	0.2940	0.4039	$3,501,000	25.3	$17,400
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: **ML/exit 56/EB/1** ***Date:*** 04/02/03
Analyst: GMM ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
3786	18	175	201	29.4%	19.3%	747	29.4%	0.3422842	$2,773,833	27.10	$13,800

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
RR31	15	63.1	57.6			50.0			63.3	58.3	0	15	45	66.0	61.0	5.0	21.72	14.56	977.18	655.19
RR30"	15	65.8	59.7			50.0			65.9	60.1	15	15	45	68.6	62.8	5.8	25.98	16.98	1169.25	763.93
RR29"	14	69.7	62.5			50.0			69.7	62.7	14	14	42	72.4	65.4	7.0	32.90	20.78	1381.60	872.90
RR28"	4	71.6	64.9			50.0			71.6	65.0	4	4	12	74.3	67.7	6.6	36.65	24.46	439.81	293.56
RR27"	4	74.4	65.0			50.0			74.4	65.1	4	4	12	77.1	67.8	9.3	42.55	24.63	510.61	295.56
RR26"	3	60.1	53.6			50.0			60.5	55.2	0	3	9	63.2	57.9	5.3	17.54	10.82	157.84	97.37
RR25"	4	61.6	54.9			50.0			61.9	56.1	0	4	12	64.6	58.8	5.8	19.57	11.85	234.86	142.20
RR24"	3	64.4	57.1			50.0			64.6	57.9	0	3	9	67.3	60.6	6.7	23.80	14.05	214.22	126.42
RR23"	4	66.5	58.1			50.0			66.6	58.7	4	4	12	69.3	61.4	7.9	27.20	15.08	326.36	180.97
RR22"	4	68.7	59.6			50.0			68.8	60.1	4	4	12	71.5	62.8	8.7	31.19	16.98	374.23	203.71
RR21"	3	70.5	61.3			50.0			70.5	61.6	3	3	9	73.2	64.3	8.9	34.45	19.13	310.07	172.14
RR20"	8	64.6	56.5			50.0			64.7	57.4	0	8	24	67.4	60.1	7.3	23.97	13.42	575.21	322.05
RR19"	8	65.7	57.0			50.0			65.8	57.8	8	8	24	68.5	60.5	8.0	25.81	13.92	619.50	334.09
RR18"	8	67.5	58.3			50.0			67.6	58.9	8	8	24	70.3	61.6	8.7	28.98	15.35	695.44	368.29
RR17"	7	60.8	54.8			50.0			61.1	56.0	0	7	21	63.8	58.7	5.1	18.40	11.73	386.32	246.40
RR16"	4	62.6	55.3			50.0			62.8	56.4	0	4	12	65.5	59.1	6.4	20.94	12.20	251.25	146.45
RR15"	4	65.1	56.5			50.0			65.2	57.4	0	4	12	67.9	60.1	7.8	24.80	13.42	297.57	161.03
RR14"	6	62.9	56.4			50.0			63.1	57.3	0	6	18	65.8	60.0	5.8	21.40	13.29	385.24	239.31
RR13"	8	66.0	57.7			50.0			66.1	58.4	8	8	24	68.8	61.1	7.7	26.33	14.69	631.85	352.54
RR12"	3	66.9	57.8			50.0			67.0	58.5	3	3	9	69.7	61.2	8.5	27.90	14.82	251.12	133.37
RR11"	2	70.6	60.5			50.0			70.6	60.9	2	2	6	73.3	63.6	9.7	34.65	18.11	207.90	108.65
RR10"	2	69.7	60.1			50.0			69.7	60.5	2	2	6	72.4	63.2	9.2	32.90	17.54	197.37	105.22
RR9"	3	68.3	59.3			50.0			68.4	59.8	3	3	9	71.1	62.5	8.6	30.44	16.56	273.97	149.05
RR8"	4	69.2	59.9			50.0			69.3	60.3	4	4	12	72.0	63.0	9.0	32.13	17.26	385.56	207.07
RR7"	4	65.1	58.4			50.0			65.2	59.0	0	4	12	67.9	61.7	6.2	24.80	15.48	297.57	185.74
RR6"	4	70.6	60.6			50.0			70.6	61.0	4	4	12	73.3	63.7	9.6	34.65	18.25	415.79	219.02
RR5"	10	73.1	62.9			50.0			73.1	63.1	10	10	30	75.8	65.8	10.0	39.76	21.40	1192.73	642.07
RR4"	6	66.2	60.9			50.0			66.3	61.2	6	6	18	69.0	63.9	5.1	26.67	18.54	480.12	333.74
RR3"	8	67.2	66.9			50.0			67.3	67.0	8	0	24	70.0	69.7	0.3	28.44	27.90	682.48	682.48
RR2"	16	65.1	63.9			50.0			65.2	64.1	0	0	48	67.9	66.8	1.1	24.80	22.99	1190.28	1190.28
RR1"	24	68.0	64.9			50.0			68.1	65.0	24	0	72	70.8	67.7	3.1	29.89	24.46	2151.90	2151.90
RR-M3"	5	73.8	63.1			50.0			73.8	63.3	5	5	15	76.5	66.0	10.5	41.25	21.72	618.75	325.73
RR-M2"	12	70.7	60.6			50.0			70.7	61.0	12	12	36	73.4	63.7	9.7	34.85	18.25	1254.50	657.06
RR-M1"	20	73.4	63.9			50.0			73.4	64.1	20	20	60	76.1	66.8	9.3	40.39	22.99	2423.63	1379.32

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **ML/exit 56/WB/2**

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
3210	12	37	43	27.5%	20.2%	240	0.2752	0.2646	$1,748,000	10.0	$40,700
3210	14	37	45	27.5%	19.4%	240	0.2752	0.2966	$1,941,000	10.1	$43,100
3210	16	37	55	27.5%	18.0%	240	0.2752	0.3476	$2,133,000	10.8	$38,800
3210	18	37	55	27.5%	17.5%	240	0.2752	0.3636	$2,326,000	10.3	$42,300
3210	20	37	64	27.5%	16.4%	240	0.2752	0.4031	$2,518,000	10.6	$39,300
3210	22	37	64	27.5%	16.0%	240	0.2752	0.4185	$2,711,000	10.2	$42,400
3210	24	37	64	27.5%	15.7%	240	0.2752	0.4307	$2,903,000	9.8	$45,400
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: **ML/exit 56/WB/2** ***Date:*** 04/02/03
Analyst: GMM ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
3208	16	37	55	27.5%	18.0%	240	27.5%	0.3475582	$2,133,320	10.76	$38,788

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
SS-M1	2	74.8	61.3			45.0			74.8	61.4	2	2	6	77.7	64.3	13.4	43.87	19.13	263.23	114.76
SS-M2"	8	73.2	59.8			45.0			73.2	59.9	8	8	24	76.1	62.8	13.3	40.39	16.98	969.45	407.43
SS1"	2	72.3	63.1			45.0			72.3	63.2	2	2	6	75.2	66.1	9.1	38.50	21.87	231.00	131.23
SS2"	4	70.4	61.6			45.0			70.4	61.7	4	4	12	73.3	64.6	8.7	34.65	19.57	415.79	234.86
SS3"	2	67.3	61.5			45.0			67.3	61.6	2	2	6	70.2	64.5	5.7	28.80	19.42	172.78	116.54
SS4"	4	62.5	59.3			45.0			62.6	59.5	0	0	12	65.5	62.4	3.1	20.94	16.42	251.25	251.25
SS5"	6	61.4	56.6			45.0			61.5	56.9	0	6	18	64.4	59.8	4.6	19.27	13.05	346.95	234.87
SS6"	4	70.0	61.0			45.0			70.0	61.1	4	4	12	72.9	64.0	8.9	33.86	18.69	406.37	224.24
SS7"	5	59.0	59.2			45.0			59.2	59.4	0	0	15	62.1	62.3	-0.2	16.02	16.29	240.23	240.23
SS8"	3	66.6	60.5			45.0			66.6	60.6	3	3	9	69.5	63.5	6.0	27.55	17.96	247.93	161.68
SS9"	5	59.9	55.4			45.0			60.0	55.8	0	0	15	62.9	58.7	4.2	17.12	11.73	256.73	256.73
SS10"	4	64.8	59.1			45.0			64.8	59.3	0	4	12	67.7	62.2	5.5	24.46	16.15	293.56	193.81
SS11"	3	62.6	58.0			45.0			62.7	58.2	0	3	9	65.6	61.1	4.5	21.09	14.69	189.83	132.20
SS12"	4	72.1	61.7			45.0			72.1	61.8	4	4	12	75.0	64.7	10.3	38.09	19.72	457.02	236.66
SS13"	2	72.0	61.7			45.0			72.0	61.8	2	2	6	74.9	64.7	10.2	37.88	19.72	227.27	118.33
SS14"	1	73.3	62.3			45.0			73.3	62.4	1	1	3	76.2	65.3	10.9	40.61	20.63	121.82	61.89
SS15"	1	73.3	62.7			45.0			73.3	62.8	1	1	3	76.2	65.7	10.5	40.61	21.25	121.82	63.74
SS16"	4	62.2	58.9			45.0			62.3	59.1	0	0	12	65.2	62.0	3.2	20.48	15.88	245.73	245.73
SS17"	3	62.3	58.2			45.0			62.4	58.4	0	0	9	65.3	61.3	4.0	20.63	14.95	185.67	185.67
SS18"	2	63.3	57.7			45.0			63.4	57.9	0	2	6	66.3	60.8	5.5	22.19	14.30	133.13	85.81
SS19"	1	70.3	61.6			45.0			70.3	61.7	1	1	3	73.2	64.6	8.6	34.45	19.57	103.36	58.72
SS20"	2	71.6	64.2			45.0			71.6	64.3	2	2	6	74.5	67.2	7.3	37.06	23.64	222.35	141.83
SS21"	2	60.6	57.1			45.0			60.7	57.4	0	0	6	63.6	60.3	3.3	18.11	13.67	108.65	108.65
SS22"	3	61.6	55.9			45.0			61.7	56.2	0	3	9	64.6	59.1	5.5	19.57	12.20	176.15	109.83
SS23"	1	66.2	61.0			45.0			66.2	61.1	1	1	3	69.1	64.0	5.1	26.85	18.69	80.54	56.06
SS24"	1	64.5	60.3			45.0			64.5	60.4	0	0	3	67.4	63.3	4.1	23.97	17.68	71.90	71.90
SS25"	1	63.0	59.7			45.0			63.1	59.8	0	0	3	66.0	62.7	3.3	21.72	16.84	65.15	65.15

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **N/exit N1/NB/2**

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
710	12	26	25	27.1%	18.9%	111	0.2714	0.3050	$384,000	23.9	$15,400
710	14	26	27	27.1%	18.1%	111	0.2714	0.3324	$427,000	23.5	$15,800
710	16	26	32	27.1%	17.0%	111	0.2714	0.3743	$469,000	24.1	$14,700
710	18	26	32	27.1%	16.7%	111	0.2714	0.3847	$511,000	22.7	$16,000
710	20	26	32	27.1%	16.5%	111	0.2714	0.3926	$553,000	21.4	$17,300
710	22	26	32	27.1%	16.3%	111	0.2714	0.3998	$596,000	20.2	$18,600
710	24	26	32	27.1%	16.1%	111	0.2714	0.4069	$638,000	19.2	$19,900
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: **N/exit N1/NB/2** ***Date:*** 04/02/03
Analyst: GMM ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
705	16	26	32	27.1%	17.0%	111	27.1%	0.3742674	$468,825	24.05	$14,651

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
TT10	2	65.1	63.8			55.0			65.5	64.3	0	0	6	66.8	65.6	1.2	22.99	21.09	137.93	137.93
TT9"	5	62.7	56.7			55.0			63.4	58.9	0	5	15	64.7	60.2	4.5	19.72	13.54	295.82	203.15
TT8"	2	64.1	58.2			55.0			64.6	59.9	0	2	6	65.9	61.2	4.7	21.56	14.82	129.35	88.92
TT7"	2	66.4	64.8			55.0			66.7	65.2	2	0	6	68.0	66.5	1.5	24.97	22.51	149.79	149.79
TT6"	2	64.9	57.6			55.0			65.3	59.5	0	2	6	66.6	60.8	5.8	22.67	14.30	136.00	85.81
TT5"	5	65.9	59.1			55.0			66.2	60.5	5	5	15	67.5	61.8	5.7	24.13	15.61	361.98	234.17
TT4"	1	68.1	65.8			55.0			68.3	66.1	1	0	3	69.6	67.4	2.2	27.72	23.97	83.17	83.17
TT3"	7	67.6	57.3			55.0			67.8	59.3	7	7	21	69.1	60.6	8.5	26.85	14.05	563.79	294.99
TT2"	2	69.4	61.9			55.0			69.6	62.7	2	2	6	70.9	64.0	6.9	30.07	18.69	180.43	112.12
TT1"	4	72.3	60.5			55.0			72.4	61.6	4	4	12	73.7	62.9	10.8	35.44	17.12	425.32	205.39
TT-M2"	2	72.7	63.3			55.0			72.8	63.9	2	2	6	74.1	65.2	8.9	36.25	20.48	217.48	122.86
TT-M1"	3	73.0	61.8			55.0			73.1	62.6	3	3	9	74.4	63.9	10.5	36.85	18.54	331.69	166.87

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **N/exit N2/SB/1**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA No Barrier*	*ACHA With Barrier*	*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*			*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
2270	12	13	8	19.9%	18.8%	153	0.1990	0.0569	$1,237,000	1.4	$154,600
2270	14	13	8	19.9%	18.6%	153	0.1990	0.0633	$1,373,000	1.4	$171,600
2270	16	13	8	19.9%	18.6%	153	0.1990	0.0670	$1,509,000	1.4	$188,600
2270	18	13	12	19.9%	18.1%	153	0.1990	0.0927	$1,645,000	1.7	$137,100
2270	20	13	12	19.9%	18.0%	153	0.1990	0.0942	$1,781,000	1.6	$148,400
2270	22	13	12	19.9%	18.0%	153	0.1990	0.0947	$1,918,000	1.5	$159,800
2270	24	13	12	19.9%	18.0%	153	0.1990	0.0962	$2,054,000	1.4	$171,100
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: N/exit N2/SB/1 ***Date:*** 04/02/03
Analyst: GMM ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
2269	18	13	12	19.9%	18.1%	153	19.9%	0.0926572	$1,645,175	1.71	$137,098

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
UU-M1	4	65.8	58.6			55.0			66.1	60.2	4	4	12	67.6	61.7	5.9	24.30	15.48	291.57	185.74
UU-M2"	2	68.8	67.5			55.0			69.0	67.7	2	0	6	70.5	69.2	1.3	29.34	27.02	176.04	176.04
UU1"	1	70.1	68.2			55.0			70.2	68.4	1	0	3	71.7	69.9	1.8	31.56	28.26	94.69	94.69
UU2"	2	68.3	67.4			55.0			68.5	67.6	2	0	6	70.0	69.1	0.9	28.44	26.85	170.62	170.62
UU3"	2	67.0	66.1			55.0			67.3	66.4	2	0	6	68.8	67.9	0.9	26.33	24.80	157.96	157.96
UU4"	2	67.7	67.2			55.0			67.9	67.5	2	0	6	69.4	69.0	0.4	27.37	26.67	164.23	164.23
UU5"	2	64.3	60.0			55.0			64.8	61.2	0	0	6	66.3	62.7	3.6	22.19	16.84	133.13	133.13
UU6"	4	62.3	56.0			55.0			63.0	58.5	0	4	12	64.5	60.0	4.5	19.42	13.29	233.08	159.54
UU7"	2	60.6	55.9			55.0			61.7	58.5	0	0	6	63.2	60.0	3.2	17.54	13.29	105.22	105.22
UU8"	2	59.7	56.1			55.0			61.0	58.6	0	0	6	62.5	60.1	2.4	16.56	13.42	99.37	99.37
UU9"	4	59.9	57.7			55.0			61.1	59.6	0	0	12	62.6	61.1	1.5	16.70	14.69	200.39	200.39
UU10"	4	64.9	57.5			55.0			65.3	59.4	0	4	12	66.8	60.9	5.9	22.99	14.43	275.86	173.17
UU11"	4	59.8	53.9			55.0			61.0	57.5	0	0	12	62.5	59.0	3.5	16.56	12.09	198.73	198.73
UU12"	4	58.4	54.3			55.0			60.0	57.7	0	0	12	61.5	59.2	2.3	15.21	12.32	182.56	182.56
UU13"	4	58.2	55.2			55.0			59.9	58.1	0	0	12	61.4	59.6	1.8	15.08	12.80	180.97	180.97
UU14"	4	58.0	56.1			55.0			59.8	58.6	0	0	12	61.3	60.1	1.2	14.95	13.42	179.40	179.40
UU15"	4	59.9	58.9			55.0			61.1	60.4	0	0	12	62.6	61.9	0.7	16.70	15.75	200.39	200.39

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **N/exit N3/SB/1**

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
1770	12	29	34	24.3%	17.6%	141	0.2427	0.2748	$970,000	9.7	$28,500
1770	14	29	38	24.3%	16.6%	141	0.2427	0.3164	$1,077,000	10.1	$28,300
1770	16	29	38	24.3%	16.2%	141	0.2427	0.3317	$1,184,000	9.6	$31,200
1770	18	29	38	24.3%	16.0%	141	0.2427	0.3428	$1,292,000	9.1	$34,000
1770	20	29	38	24.3%	15.7%	141	0.2427	0.3513	$1,399,000	8.6	$36,800
1770	22	29	38	24.3%	15.6%	141	0.2427	0.3583	$1,506,000	8.1	$39,600
1770	24	29	38	24.3%	15.4%	141	0.2427	0.3642	$1,613,000	7.7	$42,400
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: **N/exit N3/SB/1** ***Date:*** 04/02/03
Analyst: GMM ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
1768	14	29	38	24.3%	16.6%	141	24.3%	0.3164422	$1,077,210	10.05	$28,348

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
VV-M1	2	69.9	69.6			55.0			70.0	69.7	2	0	6	70.4	70.1	0.3	29.16	28.62	174.95	174.95
VV-M2"	1	72.1	61.4			55.0			72.2	62.3	1	1	3	72.6	62.7	9.9	33.28	16.84	99.84	50.51
VV1"	2	69.6	68.1			55.0			69.7	68.3	2	0	6	70.1	68.7	1.4	28.62	26.16	171.70	171.70
VV2"	2	68.7	67.9			55.0			68.9	68.1	2	0	6	69.3	68.5	0.8	27.20	25.81	163.18	163.18
VV3"	2	68.5	68.2			55.0			68.7	68.4	2	0	6	69.1	68.8	0.3	26.85	26.33	161.08	161.08
VV4"	1	68.9	68.6			55.0			69.1	68.8	1	0	3	69.5	69.2	0.3	27.55	27.02	82.64	82.64
VV5"	4	69.7	60.1			55.0			69.8	61.3	4	4	12	70.2	61.7	8.5	28.80	15.48	345.55	185.74
VV6"	2	67.9	58.2			55.0			68.1	59.9	2	2	6	68.5	60.3	8.2	25.81	13.67	154.87	82.01
VV7"	2	66.3	57.3			55.0			66.6	59.3	2	2	6	67.0	59.7	7.3	23.31	12.93	139.88	77.56
VV8"	2	65.0	57.2			55.0			65.4	59.2	0	2	6	65.8	59.6	6.2	21.40	12.80	128.41	76.83
VV9"	1	64.1	58.1			55.0			64.6	59.8	0	1	3	65.0	60.2	4.8	20.17	13.54	60.52	40.63
VV10"	2	70.5	61.0			55.0			70.6	62.0	2	2	6	71.0	62.4	8.6	30.26	16.42	181.53	98.54
VV11"	2	69.3	60.5			55.0			69.5	61.6	2	2	6	69.9	62.0	7.9	28.26	15.88	169.55	95.28
VV12"	2	68.4	60.2			55.0			68.6	61.3	2	2	6	69.0	61.7	7.3	26.67	15.48	160.04	92.87
VV13"	2	67.9	61.2			55.0			68.1	62.1	2	2	6	68.5	62.5	6.0	25.81	16.56	154.87	99.37
VV14"	3	65.9	57.9			55.0			66.2	59.7	3	3	9	66.6	60.1	6.5	22.67	13.42	204.00	120.77
VV15"	3	64.4	58.1			55.0			64.9	59.8	0	3	9	65.3	60.2	5.1	20.63	13.54	185.67	121.89
VV16"	4	64.3	57.2			55.0			64.8	59.2	0	4	12	65.2	59.6	5.6	20.48	12.80	245.73	153.65
VV17"	4	63.3	56.8			55.0			63.9	59.0	0	4	12	64.3	59.4	4.9	19.13	12.56	229.52	150.75
VV18"	4	61.9	55.4			55.0			62.7	58.2	0	4	12	63.1	58.6	4.5	17.40	11.62	208.76	139.40

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **N/exit N3/NB/1**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*	*ACHA*	*Terms in the Priority Index Equation*				*Priority*	*Cost*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*	*Index*	*per Res. Benefited*
3240	12	88	94	24.7%	16.3%	354	0.2467	0.3407	$1,807,000	16.5	$19,200
3240	14	88	99	24.7%	15.3%	354	0.2467	0.3795	$2,009,000	16.5	$20,300
3240	16	88	105	24.7%	14.6%	354	0.2467	0.4093	$2,210,000	16.2	$21,100
3240	18	88	105	24.7%	14.2%	354	0.2467	0.4251	$2,412,000	15.4	$23,000
3240	20	88	105	24.7%	13.9%	354	0.2467	0.4357	$2,613,000	14.6	$24,900
3240	22	88	107	24.7%	13.6%	354	0.2467	0.4489	$2,814,000	13.9	$26,300
3240	24	88	107	24.7%	13.4%	354	0.2467	0.4574	$3,016,000	13.2	$28,200
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: N/exit N3/NB/1 ***Date:*** 04/02/03
Analyst: GMM ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
3238	12	88	94	24.7%	16.3%	354	24.7%	0.3406688	$1,764,710	16.86	$18,774

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
WW-M1	2	73.3	64.0			55.0			73.4	64.5	2	2	6	73.3	64.4	8.9	34.65	19.27	207.90	115.65
WW-M2"	1	74.6	64.9			55.0			74.6	65.3	1	1	3	74.5	65.2	9.3	37.06	20.48	111.17	61.43
WW-M3"	2	73.2	64.9			55.0			73.3	65.3	2	2	6	73.2	65.2	8.0	34.45	20.48	206.71	122.86
WW1"	1	72.8	64.7			55.0			72.9	65.1	1	1	3	72.8	65.0	7.8	33.67	20.17	101.01	60.52
WW2"	1	72.9	63.7			55.0			73.0	64.2	1	1	3	72.9	64.1	8.8	33.86	18.83	101.59	56.50
WW3"	1	71.5	62.2			55.0			71.6	63.0	1	1	3	71.5	62.9	8.6	31.19	17.12	93.56	51.35
WW4"	3	71.2	61.9			55.0			71.3	62.7	3	3	9	71.2	62.6	8.6	30.63	16.70	275.64	150.29
WW5"	2	70.4	61.8			55.0			70.5	62.6	2	2	6	70.4	62.5	7.9	29.16	16.56	174.95	99.37
WW6"	1	71.1	62.1			55.0			71.2	62.9	1	1	3	71.1	62.8	8.3	30.44	16.98	91.32	50.93
WW7"	2	68.4	61.1			55.0			68.6	62.1	2	2	6	68.5	62.0	6.5	25.81	15.88	154.87	95.28
WW8"	5	72.4	66.6			55.0			72.5	66.9	5	5	15	72.4	66.8	5.6	32.90	22.99	493.43	344.83
WW9"	3	68.6	63.1			55.0			68.8	63.7	3	3	9	68.7	63.6	5.1	26.16	18.11	235.40	162.97
WW10"	4	68.6	59.2			55.0			68.8	60.6	4	4	12	68.7	60.5	8.2	26.16	13.92	313.86	167.04
WW11"	4	70.7	60.3			55.0			70.8	61.4	4	4	12	70.7	61.3	9.4	29.70	14.95	356.45	179.40
WW12"	5	69.0	59.0			55.0			69.2	60.5	5	5	15	69.1	60.4	8.7	26.85	13.79	402.71	206.91
WW13"	3	65.4	57.2			55.0			65.8	59.2	0	3	9	65.7	59.1	6.6	21.25	12.20	191.22	109.83
WW14"	5	66.6	59.2			55.0			66.9	60.6	5	5	15	66.8	60.5	6.3	22.99	13.92	344.83	208.80
WW15"	5	65.8	59.0			55.0			66.1	60.5	5	5	15	66.0	60.4	5.6	21.72	13.79	325.73	206.91
WW16"	3	70.9	62.1			55.0			71.0	62.9	3	3	9	70.9	62.8	8.1	30.07	16.98	270.64	152.79
WW17"	7	67.7	62.6			55.0			67.9	63.3	7	7	21	67.8	63.2	4.6	24.63	17.54	517.23	368.29
WW18"	2	67.0	63.1			55.0			67.3	63.7	2	0	6	67.2	63.6	3.6	23.64	18.11	141.83	141.83
WW19"	3	66.9	57.9			55.0			67.2	59.7	3	3	9	67.1	59.6	7.5	23.48	12.80	211.28	115.24
WW20"	4	68.3	58.1			55.0			68.5	59.8	4	4	12	68.4	59.7	8.7	25.64	12.93	307.70	155.11
WW21"	5	67.1	57.3			55.0			67.4	59.3	5	5	15	67.3	59.2	8.1	23.80	12.32	357.04	184.84
WW22"	3	64.1	56.6			55.0			64.6	58.9	0	3	9	64.5	58.8	5.7	19.42	11.85	174.81	106.65
WW23"	6	64.1	59.1			55.0			64.6	60.5	0	0	18	64.5	60.4	4.1	19.42	13.79	349.62	349.62
WW24"	4	64.6	59.1			55.0			65.1	60.5	0	4	12	65.0	60.4	4.6	20.17	13.79	242.08	165.53
WW25"	3	67.8	61.1			55.0			68.0	62.1	3	3	9	67.9	62.0	5.9	24.80	15.88	223.18	142.92
WW26"	3	65.9	62.6			55.0			66.2	63.3	3	0	9	66.1	63.2	2.9	21.87	17.54	196.85	196.85
WW27"	3	65.3	57.0			55.0			65.7	59.1	0	3	9	65.6	59.0	6.6	21.09	12.09	189.83	108.77
WW28"	3	66.4	56.8			55.0			66.7	59.0	3	3	9	66.6	58.9	7.7	22.67	11.97	204.00	107.71
WW29"	3	65.8	56.8			55.0			66.1	59.0	3	3	9	66.0	58.9	7.1	21.72	11.97	195.44	107.71
WW30"	3	63.9	56.7			55.0			64.4	58.9	0	3	9	64.3	58.8	5.5	19.13	11.85	172.14	106.65
WW31"	8	63.5	60.3			55.0			64.1	61.4	0	0	24	64.0	61.3	2.7	18.69	14.95	448.48	448.48
WW32"	5	66.7	61.8			55.0			67.0	62.6	5	0	15	66.9	62.5	4.4	23.15	16.56	347.25	347.25

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **N/exit N3/NB/3**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA No Barrier*	*ACHA With Barrier*	*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*			*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
1870	12	22	22	22.1%	19.3%	234	0.2209	0.1279	$1,042,000	6.3	$47,400
1870	14	22	34	22.1%	18.0%	234	0.2209	0.1852	$1,159,000	8.3	$34,100
1870	16	22	34	22.1%	17.8%	234	0.2209	0.1952	$1,275,000	7.9	$37,500
1870	18	22	34	22.1%	17.6%	234	0.2209	0.2013	$1,391,000	7.5	$40,900
1870	20	22	34	22.1%	17.5%	234	0.2209	0.2064	$1,507,000	7.1	$44,300
1870	22	22	44	22.1%	16.6%	234	0.2209	0.2480	$1,623,000	7.9	$36,900
1870	24	22	48	22.1%	16.2%	234	0.2209	0.2676	$1,739,000	8.0	$36,200
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: N/exit N3/NB/3 ***Date:*** 04/02/03
Analyst: GMM ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
1870	14	22	34	22.1%	18.0%	234	22.1%	0.1851969	$1,158,509	8.26	$34,074

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
XX-M1	6	68.8	60.5			55.0			69.0	61.6	6	6	18	70.4	63.0	7.4	29.16	17.26	524.84	310.60
XX-M2"	5	68.1	60.3			55.0			68.3	61.4	5	5	15	69.7	62.8	6.9	27.90	16.98	418.53	254.64
XX1"	6	68.2	60.1			55.0			68.4	61.3	6	6	18	69.8	62.7	7.1	28.08	16.84	505.43	303.07
XX2"	2	66.9	60.6			55.0			67.2	61.7	2	2	6	68.6	63.1	5.5	25.98	17.40	155.90	104.38
XX3"	5	64.0	58.2			55.0			64.5	59.9	0	5	15	65.9	61.3	4.6	21.56	14.95	323.38	224.25
XX4"	6	63.0	57.8			55.0			63.6	59.6	0	0	18	65.0	61.0	4.0	20.17	14.56	363.12	363.12
XX5"	5	64.2	58.6			55.0			64.7	60.2	0	5	15	66.1	61.6	4.5	21.87	15.35	328.09	230.18
XX6"	2	66.3	60.3			55.0			66.6	61.4	2	2	6	68.0	62.8	5.2	24.97	16.98	149.79	101.86
XX7"	2	65.4	60.0			55.0			65.8	61.2	0	2	6	67.2	62.6	4.6	23.64	16.70	141.83	100.19
XX8"	4	63.2	58.4			55.0			63.8	60.0	0	0	12	65.2	61.4	3.8	20.48	15.08	245.73	245.73
XX9"	7	61.5	56.8			55.0			62.4	59.0	0	0	21	63.8	60.4	3.4	18.40	13.79	386.32	386.32
XX10"	4	62.4	57.9			55.0			63.1	59.7	0	0	12	64.5	61.1	3.4	19.42	14.69	233.08	233.08
XX11"	4	64.5	59.5			55.0			65.0	60.8	0	0	12	66.4	62.2	4.2	22.35	16.15	268.17	268.17
XX12"	5	61.5	58.4			55.0			62.4	60.0	0	0	15	63.8	61.4	2.4	18.40	15.08	275.94	275.94
XX13"	6	59.9	56.5			55.0			61.1	58.8	0	0	18	62.5	60.2	2.3	16.56	13.54	298.10	298.10
XX14"	4	61.2	57.3			55.0			62.1	59.3	0	0	12	63.5	60.7	2.8	17.96	14.17	215.57	215.57
XX15"	2	63.3	59.0			55.0			63.9	60.5	0	0	6	65.3	61.9	3.4	20.63	15.75	123.78	123.78
XX16"	2	62.6	58.7			55.0			63.3	60.2	0	0	6	64.7	61.6	3.1	19.72	15.35	118.33	118.33
XX17-play	1	69.8	61.2			55.0			69.9	62.1	1	1	3	71.3	63.5	7.8	30.81	17.96	92.44	53.89

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **N/exit N5/SB/2**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA No Barrier*	*ACHA With Barrier*	*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*			*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
2620	12	96	64	21.1%	17.1%	423	0.2114	0.1919	$1,504,000	11.4	$23,500
2620	14	96	107	21.1%	14.9%	423	0.2114	0.2930	$1,674,000	15.7	$15,600
2620	16	96	107	21.1%	14.6%	423	0.2114	0.3075	$1,844,000	14.9	$17,200
2620	18	96	107	21.1%	14.4%	423	0.2114	0.3181	$2,014,000	14.1	$18,800
2620	20	96	107	21.1%	14.2%	423	0.2114	0.3261	$2,184,000	13.4	$20,400
2620	22	96	110	21.1%	14.0%	423	0.2114	0.3380	$2,354,000	12.8	$21,400
2620	24	96	110	21.1%	13.9%	423	0.2114	0.3423	$2,524,000	12.1	$22,900
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: N/exit N5/SB/2 *Date:* 04/02/03
Analyst: GMM *Company:* BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
2615	14	96	107	21.1%	14.9%	423	21.1%	0.2929911	$1,607,834	16.29	$15,026

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
YY-M1	6	73.1	69.0			55.0			73.2	69.2	6	0	18	71.2	67.2	4.0	30.63	23.64	551.27	551.27
YY-M2"	4	71.9	62.5			55.0			72.0	63.2	4	4	12	70.0	61.2	8.8	28.44	14.82	341.24	177.83
YY1"	4	73.1	63.8			55.0			73.2	64.3	4	4	12	71.2	62.3	8.9	30.63	16.29	367.51	195.44
YY2"	5	72.8	63.3			55.0			72.9	63.9	5	5	15	70.9	61.9	9.0	30.07	15.75	451.07	236.18
YY3"	3	72.2	64.6			55.0			72.3	65.1	3	3	9	70.3	63.1	7.2	28.98	17.40	260.79	156.57
YY4"	6	68.1	64.0			55.0			68.3	64.5	6	0	18	66.3	62.5	3.8	22.19	16.56	399.39	399.39
YY5"	7	70.2	65.2			55.0			70.3	65.6	7	7	21	68.3	63.6	4.7	25.47	18.11	534.91	380.26
YY6"	8	70.6	66.8			55.0			70.7	67.1	8	0	24	68.7	65.1	3.6	26.16	20.32	627.72	627.72
YY7"	4	70.7	65.3			55.0			70.8	65.7	4	4	12	68.8	63.7	5.1	26.33	18.25	315.93	219.02
YY8"	4	65.1	61.8			55.0			65.5	62.6	0	0	12	63.5	60.6	2.9	17.96	14.05	215.57	215.57
YY9"	7	64.7	60.6			55.0			65.1	61.7	0	0	21	63.1	59.7	3.4	17.40	12.93	365.32	365.32
YY10"	3	64.7	59.7			55.0			65.1	61.0	0	0	9	63.1	59.0	4.1	17.40	12.09	156.57	156.57
YY11"	11	66.5	58.7			55.0			66.8	60.2	11	11	33	64.8	58.2	6.6	19.87	11.16	655.76	368.20
YY12"	12	66.6	58.4			55.0			66.9	60.0	12	12	36	64.9	58.0	6.9	20.02	10.93	720.80	393.52
YY13"	8	65.8	59.4			55.0			66.1	60.7	8	8	24	64.1	58.7	5.4	18.83	11.73	451.99	281.60
YY14"	7	65.8	58.3			55.0			66.1	60.0	7	7	21	64.1	58.0	6.1	18.83	10.93	395.49	229.56
YY15"	11	62.8	56.3			55.0			63.5	58.7	0	11	33	61.5	56.7	4.8	15.21	9.51	502.03	313.95
YY16"	10	61.5	54.5			55.0			62.4	57.8	0	10	30	60.4	55.8	4.6	13.79	8.59	413.82	257.62
YY17"	10	63.2	57.0			55.0			63.8	59.1	0	10	30	61.8	57.1	4.7	15.61	9.94	468.35	298.20
YY18"	2	69.4	63.1			55.0			69.6	63.7	2	2	6	67.6	61.7	5.9	24.30	15.48	145.78	92.87
YY19"	4	68.8	62.9			55.0			69.0	63.6	4	4	12	67.0	61.6	5.4	23.31	15.35	279.75	184.14
YY20"	3	67.7	62.6			55.0			67.9	63.3	3	3	9	65.9	61.3	4.6	21.56	14.95	194.03	134.55
YY21"	2	67.2	62.0			55.0			67.5	62.8	2	2	6	65.5	60.8	4.7	20.94	14.30	125.62	85.81

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **N/exit N5/SB/1**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA No Barrier*	*ACHA With Barrier*	*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*			*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
2440	12	89	121	17.5%	15.8%	2076	0.1755	0.1017	$1,447,000	25.6	$12,000
2440	14	89	135	17.5%	15.6%	2076	0.1755	0.1135	$1,613,000	25.6	$11,900
2440	16	89	150	17.5%	15.3%	2076	0.1755	0.1256	$1,779,000	25.7	$11,900
2440	18	89	190	17.5%	14.9%	2076	0.1755	0.1496	$1,945,000	28.0	$10,200
2440	20	89	218	17.5%	14.6%	2076	0.1755	0.1675	$2,111,000	28.9	$9,700
2440	22	89	218	17.5%	14.5%	2076	0.1755	0.1714	$2,277,000	27.4	$10,400
2440	24	89	218	17.5%	14.5%	2076	0.1755	0.1752	$2,443,000	26.1	$11,200
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: **N/exit N5/SB/1** ***Date:*** 04/02/03
Analyst: GMM ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
2441	20	89	218	17.5%	14.6%	2076	17.5%	0.1674984	$1,949,583	31.30	$8,943

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
ZZ-M1	9	67.3	58.6			55.0			67.5	60.2	9	9	27	69.0	61.7	7.3	26.67	15.48	720.18	417.91
ZZ-M2"	40	68.7	57.6			55.0			68.9	59.5	40	40	120	70.4	61.0	9.4	29.16	14.56	3498.93	1747.16
ZZ-M3"	7	67.8	55.7			55.0			68.0	58.4	7	7	21	69.5	59.9	9.6	27.55	13.17	578.51	276.60
ZZ-M3b"	6	66.0	54.7			55.0			66.3	57.9	6	6	18	67.8	59.4	8.4	24.63	12.56	443.34	226.12
ZZ1"	9	66.4	55.9			55.0			66.7	58.5	9	9	27	68.2	60.0	8.2	25.30	13.29	683.16	358.96
ZZ1b"	9	59.8	50.2			55.0			61.0	56.2	0	9	27	62.5	57.7	4.8	16.56	10.60	447.14	286.09
ZZ1c"	9	60.1	50.7			55.0			61.3	56.4	0	9	27	62.8	57.9	4.9	16.98	10.82	458.36	292.11
ZZ2"	7	68.1	57.9			55.0			68.3	59.7	7	7	21	69.8	61.2	8.6	28.08	14.82	589.67	311.21
ZZ2b"	6	65.9	55.7			55.0			66.2	58.4	6	6	18	67.7	59.9	7.8	24.46	13.17	440.34	237.08
ZZ3"	3	67.6	59.5			55.0			67.8	60.8	3	3	9	69.3	62.3	7.0	27.20	16.29	244.77	146.58
ZZ4"	20	60.4	52.1			55.0			61.5	56.8	0	20	60	63.0	58.3	4.7	17.26	11.27	1035.34	676.30
ZZ5"	20	60.5	52.1			55.0			61.6	56.8	0	20	60	63.1	58.3	4.8	17.40	11.27	1043.78	676.30
ZZ6"	18	63.1	53.9			55.0			63.7	57.5	0	18	54	65.2	59.0	6.2	20.48	12.09	1105.77	652.61
ZZ6b"	18	58.7	50.4			55.0			60.2	56.3	0	0	54	61.7	57.8	3.9	15.48	10.71	835.82	835.82
ZZ6c"	18	59.6	50.7			55.0			60.9	56.4	0	18	54	62.4	57.9	4.5	16.42	10.82	886.88	584.22
ZZ7"	6	61.7	54.5			55.0			62.5	57.8	0	6	18	64.0	59.3	4.7	18.69	12.44	336.36	223.96
ZZ8"	4	61.9	56.4			55.0			62.7	58.8	0	0	12	64.2	60.3	3.9	18.98	13.67	227.76	227.76
ZZ9"	2	65.9	59.2			55.0			66.2	60.6	2	2	6	67.7	62.1	5.6	24.46	16.02	146.78	96.09
ZZ10"	120	59.4	55.7			55.0			60.7	58.4	0	0	360	62.2	59.9	2.3	16.15	13.17	5814.25	5814.25
ZZ11"	120	59.1	52.0			55.0			60.5	56.8	0	0	360	62.0	58.3	3.7	15.88	11.27	5716.80	5716.80
ZZ12"	60	58.4	50.8			55.0			60.0	56.4	0	0	180	61.5	57.9	3.6	15.21	10.82	2738.33	2738.33
ZZ13"	14	63.4	54.7			55.0			64.0	57.9	0	14	42	65.5	59.4	6.1	20.94	12.56	879.37	527.62
ZZ13b"	13	57.7	50.3			55.0			59.6	56.3	0	0	39	61.1	57.8	3.3	14.69	10.71	572.88	572.88
ZZ13c"	13	57.3	50.1			55.0			59.3	56.2	0	0	39	60.8	57.7	3.1	14.30	10.60	557.79	557.79
ZZ14"	5	62.6	55.6			55.0			63.3	58.3	0	5	15	64.8	59.8	5.0	19.87	13.05	298.07	195.73
ZZ15"	6	62.6	56.9			55.0			63.3	59.1	0	0	18	64.8	60.6	4.2	19.87	14.05	357.69	357.69
ZZ16"	10	64.4	58.9			55.0			64.9	60.4	0	10	30	66.4	61.9	4.5	22.35	15.75	670.42	472.36
ZZ17"	120	57.1	51.3			55.0			59.2	56.5	0	0	360	60.7	58.0	2.7	14.17	10.93	5102.79	5102.79

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **N/exit N7/NB/1**

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
1740	12	3	3	15.6%	14.9%	90	0.1559	0.0416	$946,000	0.6	$315,400
1740	14	3	3	15.6%	14.9%	90	0.1559	0.0449	$1,050,000	0.6	$350,100
1740	16	3	3	15.6%	14.8%	90	0.1559	0.0480	$1,154,000	0.6	$384,800
1740	18	3	7	15.6%	13.9%	90	0.1559	0.1076	$1,259,000	1.2	$179,800
1740	20	3	10	15.6%	13.0%	90	0.1559	0.1651	$1,363,000	1.7	$136,300
1740	22	3	19	15.6%	10.9%	90	0.1559	0.3021	$1,467,000	2.9	$77,200
1740	24	3	22	15.6%	9.7%	90	0.1559	0.3762	$1,571,000	3.4	$71,400
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: **N/exit N7/NB/1** ***Date:*** 04/02/03
Analyst: GMM ***Company:*** BA

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA*		*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*	*No Barrier*	*With Barrier*	*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
1736	24	3	22	15.6%	9.7%	90	15.6%	0.3762286	$1,571,080	3.36	$71,413

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
AB5	3	61.3	55.3			50.0			61.6	56.4	0	3	9	61.8	56.6	5.2	15.61	9.41	140.50	84.68
AB6"	4	57.2	52.9			50.0			58.0	54.7	0	0	12	58.2	54.9	3.3	11.16	7.71	133.89	133.89
AB4"	4	58.1	53.8			50.0			58.7	55.3	0	0	12	58.9	55.5	3.4	11.97	8.29	143.61	143.61
AB3"	3	58.3	52.1			50.0			58.9	54.2	0	3	9	59.1	54.4	4.7	12.20	7.24	109.83	65.12
AB2"	6	63.0	55.1			50.0			63.2	56.3	0	6	18	63.4	56.5	6.9	17.82	9.30	320.79	167.47
AB1"	4	62.3	53.5			50.0			62.5	55.1	0	4	12	62.7	55.3	7.4	16.84	8.09	202.05	97.10
AB-M2"	3	66.9	59.3			50.0			67.0	59.8	3	3	9	67.2	60.0	7.2	23.64	13.29	212.75	119.65
AB-M1"	3	61.2	51.8			50.0			61.5	54.0	0	3	9	61.7	54.2	7.5	15.48	7.05	139.30	63.46

New York State Thruway Authority Noise Barrier Prioritization Study

SUMMARY SHEET

Cluster: **N/exit N8/NB/1**

Length (feet)	*Height (feet)*	*No. of Residences*		*ACHA No Barrier*	*ACHA With Barrier*	*Terms in the Priority Index Equation*				*Priority Index*	*Cost per Res. Benefited*
		Impacted	*Benefited*			*Total No. of People*	*Impact Factor*	*Reduction Factor*	*Cost*		
2420	12	32	41	20.6%	18.4%	675	0.2057	0.1039	$1,318,000	10.9	$32,100
2420	14	32	30	20.6%	19.0%	675	0.2057	0.0748	$1,463,000	7.1	$48,800
2420	16	32	41	20.6%	18.6%	675	0.2057	0.0951	$1,608,000	8.2	$39,200
2420	18	32	41	20.6%	18.6%	675	0.2057	0.0978	$1,753,000	7.7	$42,800
2420	20	32	47	20.6%	18.4%	675	0.2057	0.1078	$1,898,000	7.9	$40,400
2420	22	32	47	20.6%	18.3%	675	0.2057	0.1094	$2,043,000	7.4	$43,500
2420	24	32	47	20.6%	18.3%	675	0.2057	0.1108	$2,188,000	7.0	$46,600
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!
0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	$0	#DIV/0!	#DIV/0!

New York State Thruway Authority Noise Barrier Prioritization Study

Cluster: N/exit N8/NB/1 *Date:* 04/02/03
Analyst: GMM *Company:* BA

Length (feet)	Height (feet)	No. of Residences Impacted	No. of Residences Benefited	ACHA No Barrier	ACHA With Barrier	Terms in the Priority Index Equation: Total No. of People	Impact Factor	Reduction Factor	Cost	Priority Index	Cost per Res. Benefited
2418	12	32	41	20.6%	18.4%	675	20.6%	0.103898	########	10.95	$32,142

		COMPUTED LOUDEST HOUR NOISE LEVELS (dBA)									Number of Residences		RECEIVER DATA							
		Thruway		Other Source(s)			Other Adjustments		TOTAL					TOTAL		Approx.	CHA		CHA*people	
Recevier	Res. Units	no Bar. Leq	w/ Bar. Leq	no Bar. Leq	w/ Bar. Leq	Ambient Leq	no Bar. dB	w/ Bar. dB	no Bar. Leq	w/ Bar. Leq	Impacted	Benefited	No. of People	no Bar. Ldn	w/ Bar. Ldn	I.L. (dB)	no Bar. %	w/ Bar. %	no Bar.	w/ Bar.
AC-M1	1	69.7	69.7			60.0			70.1	70.1	1	0	3	72.2	72.2	0.0	32.51	32.51	97.53	97.53
AC-M2*	8	73.7	60.1			60.0			73.9	63.1	8	8	24	76.0	65.2	10.8	40.18	20.48	964.35	491.45
AC1*	2	68.2	58.6			60.0			68.8	62.4	2	2	6	70.9	64.5	6.4	30.07	19.42	180.43	116.54
AC1b*	2	63.2	54.0			60.0			64.9	61.0	0	0	6	67.0	63.1	3.9	23.31	17.40	139.88	139.88
AC1c*	2	36.3	36.0			60.0			60.0	60.0	0	0	6	62.1	62.1	0.0	16.02	16.02	96.09	96.09
AC2*	1	66.3	57.3			60.0			67.2	61.9	1	1	3	69.3	64.0	5.3	27.20	18.69	81.59	56.06
AC2b*	1	58.3	50.1			60.0			62.2	60.4	0	0	3	64.3	62.5	1.8	19.13	16.56	57.38	57.38
AC2c*	1	57.4	49.3			60.0			61.9	60.4	0	0	3	64.0	62.5	1.5	18.69	16.56	56.06	56.06
AC3*	4	67.7	56.6			60.0			68.4	61.6	4	4	12	70.5	63.7	6.8	29.34	18.25	352.07	219.02
AC4*	6	64.5	55.5			60.0			65.8	61.3	0	0	18	67.9	63.4	4.5	24.80	17.82	446.35	446.35
AC5*	12	68.6	58.4			60.0			69.2	62.3	12	12	36	71.3	64.4	6.9	30.81	19.27	1109.24	693.89
AC6*	4	66.1	56.4			60.0			67.1	61.6	4	4	12	69.2	63.7	5.5	27.02	18.25	324.26	219.02
AC7*	2	58.3	50.1			60.0			62.2	60.4	0	0	6	64.3	62.5	1.8	19.13	16.56	114.76	114.76
AC7b*	2	55.3	46.5			60.0			61.3	60.2	0	0	6	63.4	62.3	1.1	17.82	16.29	106.93	106.93
AC7c*	2	33.2	33.2			60.0			60.0	60.0	0	0	6	62.1	62.1	0.0	16.02	16.02	96.09	96.09
AC8*	2	57.7	49.4			60.0			62.0	60.4	0	0	6	64.1	62.5	1.6	18.83	16.56	113.00	113.00
AC8b*	2	56.1	47.1			60.0			61.5	60.2	0	0	6	63.6	62.3	1.3	18.11	16.29	108.65	108.65
AC8c*	2	36.0	35.8			60.0			60.0	60.0	0	0	6	62.1	62.1	0.0	16.02	16.02	96.09	96.09
AC9*	10	58.7	51.0			60.0			62.4	60.5	0	0	30	64.5	62.6	1.9	19.42	16.70	582.69	582.69
AC10*	10	56.4	47.0			60.0			61.6	60.2	0	0	30	63.7	62.3	1.4	18.25	16.29	547.55	547.55
AC11*	6	56.9	48.0			60.0			61.7	60.3	0	0	18	63.8	62.4	1.4	18.40	16.42	331.13	331.13
AC12*	8	59.7	52.3			60.0			62.9	60.7	0	0	24	65.0	62.8	2.2	20.17	16.98	484.16	484.16
AC13*	6	61.1	52.4			60.0			63.6	60.7	0	0	18	65.7	62.8	2.9	21.25	16.98	382.44	382.44
AC14*	6	60.0	51.0			60.0			63.0	60.5	0	0	18	65.1	62.6	2.5	20.32	16.70	365.85	365.85
AC15*	6	64.5	54.5			60.0			65.8	61.1	0	6	18	67.9	63.2	4.7	24.80	17.54	446.35	315.67
AC16*	2	53.2	47.8			60.0			60.8	60.3	0	0	6	62.9	62.4	0.5	17.12	16.42	102.69	102.69
AC17*	3	53.4	46.3			60.0			60.9	60.2	0	0	9	63.0	62.3	0.7	17.26	16.29	155.30	155.30
AC18*	3	54.5	46.6			60.0			61.1	60.2	0	0	9	63.2	62.3	0.9	17.54	16.29	157.84	157.84
AC19*	3	53.6	46.2			60.0			60.9	60.2	0	0	9	63.0	62.3	0.7	17.26	16.29	155.30	155.30
AC20*	4	53.8	45.8			60.0			60.9	60.2	0	0	12	63.0	62.3	0.7	17.26	16.29	207.07	207.07
AC21*	2	55.4	44.9			60.0			61.3	60.1	0	0	6	63.4	62.2	1.2	17.82	16.15	106.93	106.93
AC22*	1	54.6	44.6			60.0			61.1	60.1	0	0	3	63.2	62.2	1.0	17.54	16.15	52.61	52.61
AC23*	1	55.3	45.1			60.0			61.3	60.1	0	0	3	63.4	62.2	1.2	17.82	16.15	53.46	53.46
AC24*	2	55.3	45.7			60.0			61.3	60.2	0	0	6	63.4	62.3	1.1	17.82	16.29	106.93	106.93
AC25*	3	53.8	45.9			60.0			60.9	60.2	0	0	9	63.0	62.3	0.7	17.26	16.29	155.30	155.30
AC26*	5	54.1	46.5			60.0			61.0	60.2	0	0	15	63.1	62.3	0.8	17.40	16.29	260.94	260.94
AC27*	5	57.1	48.4			60.0			61.8	60.3	0	0	15	63.9	62.4	1.5	18.54	16.42	278.12	278.12
AC28*	1	56.4	49.6			60.0			61.6	60.4	0	0	3	63.7	62.5	1.2	18.25	16.56	54.75	54.75
AC29*	2	56.8	52.1			60.0			61.7	60.7	0	0	6	63.8	62.8	1.0	18.40	16.98	110.38	110.38
AC30*	4	49.1	43.9			60.0			60.3	60.1	0	0	12	62.4	62.2	0.2	16.42	16.15	197.08	197.08
AC31*	1	48.7	43.0			60.0			60.3	60.1	0	0	3	62.4	62.2	0.2	16.42	16.15	49.27	49.27
AC32*	4	49.6	43.3			60.0			60.4	60.1	0	0	12	62.5	62.2	0.3	16.56	16.15	198.73	198.73
AC33*	3	50.1	43.6			60.0			60.4	60.1	0	0	9	62.5	62.2	0.3	16.56	16.15	149.05	149.05
AC34*	2	50.6	43.9			60.0			60.5	60.1	0	0	6	62.6	62.2	0.4	16.70	16.15	100.19	100.19
AC35*	3	50.6	44.2			60.0			60.5	60.1	0	0	9	62.6	62.2	0.4	16.70	16.15	150.29	150.29
AC36*	4	51.1	45.9			60.0			60.5	60.2	0	0	12	62.6	62.3	0.3	16.70	16.29	200.39	200.39
AC37*	4	51.9	47.8			60.0			60.6	60.3	0	0	12	62.7	62.4	0.3	16.84	16.42	202.05	202.05
AC38*	1	47.7	43.9			60.0			60.2	60.1	0	0	3	62.3	62.2	0.1	16.29	16.15	48.86	48.86
AC39*	1	47.6	44.1			60.0			60.2	60.1	0	0	3	62.3	62.2	0.1	16.29	16.15	48.86	48.86
AC40*	1	48.2	45.3			60.0			60.3	60.1	0	0	3	62.4	62.2	0.2	16.42	16.15	49.27	49.27
AC41*	2	48.0	45.0			60.0			60.3	60.1	0	0	6	62.4	62.2	0.2	16.42	16.15	98.54	98.54
AC42*	4	48.4	44.7			60.0			60.3	60.1	0	0	12	62.4	62.2	0.2	16.42	16.15	197.08	197.08
AC43*	3	51.3	50.0			60.0			60.5	60.4	0	0	9	62.6	62.5	0.1	16.70	16.56	150.29	150.29
AC44*	4	52.7	51.7			60.0			60.7	60.6	0	0	12	62.8	62.7	0.1	16.98	16.84	203.71	203.71
AC45*	3	47.8	45.7			60.0			60.3	60.2	0	0	9	62.4	62.3	0.1	16.42	16.29	147.81	147.81
AC46*	6	49.7	48.5			60.0			60.4	60.3	0	0	18	62.5	62.4	0.1	16.56	16.42	298.10	298.10
AC47*	4	50.3	49.4			60.0			60.4	60.4	0	0	12	62.5	62.5	0.0	16.56	16.56	198.73	198.73
AC48*	4	53.9	53.6			60.0			61.0	60.9	0	0	12	63.1	63.0	0.1	17.40	17.26	208.76	208.76
AC49*	4	57.4	57.1			60.0			61.9	61.8	0	0	12	64.0	63.9	0.1	18.69	18.54	224.24	224.24
AC50*	2	61.9	61.9			60.0			64.1	64.1	0	0	6	66.2	66.2	0.0	22.03	22.03	132.18	132.18
AC51*	4	65.3	55.5			60.0			66.4	61.3	0	4	12	68.5	63.4	5.1	25.81	17.82	309.75	213.86
AC52*	4	60.4	51.1			60.0			63.2	60.5	0	0	12	65.3	62.6	2.7	20.63	16.70	247.56	247.56
AC53*	4	57.0	48.3			60.0			61.8	60.3	0	0	12	63.9	62.4	1.5	18.54	16.42	222.49	222.49
AC54*	4	55.0	46.4			60.0			61.2	60.2	0	0	12	63.3	62.3	1.0	17.68	16.29	212.15	212.15