

APPENDIX H

NOISE

**APPENDIX H
NOISE
SITE MEASUREMENT RESULTS**

Site 1: PS 89 Playground on West Street						
Date	Start Time	Leq (1-hour)	Leq (day)	Leq (night)	Leq 24-hr	Ldn
10/28/2003	7:00 AM	72	71	71	71	77
10/28/2003	8:00 AM	72				
10/28/2003	9:00 AM	72				
10/28/2003	10:00 AM	70				
10/28/2003	11:00 AM	70				
10/28/2003	12:00 PM	70				
10/28/2003	1:00 PM	70				
10/28/2003	2:00 PM	70				
10/28/2003	3:00 PM	70				
10/28/2003	4:00 PM	72				
10/28/2003	5:00 PM	72				
10/28/2003	6:00 PM	72				
10/28/2003	7:00 PM	70				
10/28/2003	8:00 PM	70				
10/28/2003	9:00 PM	70				
10/28/2003	10:00 PM	71				
10/28/2003	11:00 PM	71				
10/29/2003	12:00 AM	71				
10/29/2003	1:00 AM	71				
10/29/2003	2:00 AM	71				
10/29/2003	3:00 AM	71				
10/29/2003	4:00 AM	71				
10/29/2003	5:00 AM	71				
10/29/2003	6:00 AM	71				

Site 2: NW Corner of Murray St & West St						
Date	Start Time	Leq (1-hour)	Leq (day)	Leq (night)	Leq 24-hr	Ldn
10/28/2003	7:00 AM	73	73	71	72	78
10/28/2003	8:00 AM	73				
10/28/2003	9:00 AM	73				
10/28/2003	10:00 AM	73				
10/28/2003	11:00 AM	73				
10/28/2003	12:00 PM	73				
10/28/2003	1:00 PM	73				
10/28/2003	2:00 PM	73				
10/28/2003	3:00 PM	73				
10/28/2003	4:00 PM	73				
10/28/2003	5:00 PM	73				
10/28/2003	6:00 PM	73				
10/28/2003	7:00 PM	73				
10/28/2003	8:00 PM	73				
10/28/2003	9:00 PM	73				
10/28/2003	10:00 PM	71				
10/28/2003	11:00 PM	71				
10/29/2003	12:00 AM	71				
10/29/2003	1:00 AM	71				
10/29/2003	2:00 AM	71				
10/29/2003	3:00 AM	71				
10/29/2003	4:00 AM	71				
10/29/2003	5:00 AM	71				
10/29/2003	6:00 AM	71				

Site 3: Embassy Suites & Regal Cinemas on Vesey St						
Date	Start Time	Leq (1-hour)	Leq(day)	Leq(night)	Leq 24-hr	Ldn
10/28/2003	7:00 AM	68	68	64	67	71
10/28/2003	8:00 AM	68				
10/28/2003	9:00 AM	68				
10/28/2003	10:00 AM	68				
10/28/2003	11:00 AM	68				
10/28/2003	12:00 PM	68				
10/28/2003	1:00 PM	68				
10/28/2003	2:00 PM	68				
10/28/2003	3:00 PM	68				
10/28/2003	4:00 PM	68				
10/28/2003	5:00 PM	68				
10/28/2003	6:00 PM	68				
10/28/2003	7:00 PM	68				
10/28/2003	8:00 PM	68				
10/28/2003	9:00 PM	68				
10/28/2003	10:00 PM	64				
10/28/2003	11:00 PM	64				
10/29/2003	12:00 AM	64				
10/29/2003	1:00 AM	64				
10/29/2003	2:00 AM	64				
10/29/2003	3:00 AM	64				
10/29/2003	4:00 AM	64				
10/29/2003	5:00 AM	64				
10/29/2003	6:00 AM	64				

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Site 4: World Financial Center/Dow Jones, on West St						
Date	Start Time	Leq (1-hour)	Leq(day)	Leq(night)	Leq 24-hr	Ldn
10/28/2003	7:00 AM	67	67	65	66	72
10/28/2003	8:00 AM	67				
10/28/2003	9:00 AM	67				
10/28/2003	10:00 AM	67				
10/28/2003	11:00 AM	67				
10/28/2003	12:00 PM	67				
10/28/2003	1:00 PM	67				
10/28/2003	2:00 PM	67				
10/28/2003	3:00 PM	67				
10/28/2003	4:00 PM	67				
10/28/2003	5:00 PM	67				
10/28/2003	6:00 PM	67				
10/28/2003	7:00 PM	67				
10/28/2003	8:00 PM	67				
10/28/2003	9:00 PM	67				
10/28/2003	10:00 PM	65				
10/28/2003	11:00 PM	65				
10/29/2003	12:00 AM	65				
10/29/2003	1:00 AM	65				
10/29/2003	2:00 AM	65				
10/29/2003	3:00 AM	65				
10/29/2003	4:00 AM	65				
10/29/2003	5:00 AM	65				
10/29/2003	6:00 AM	65				

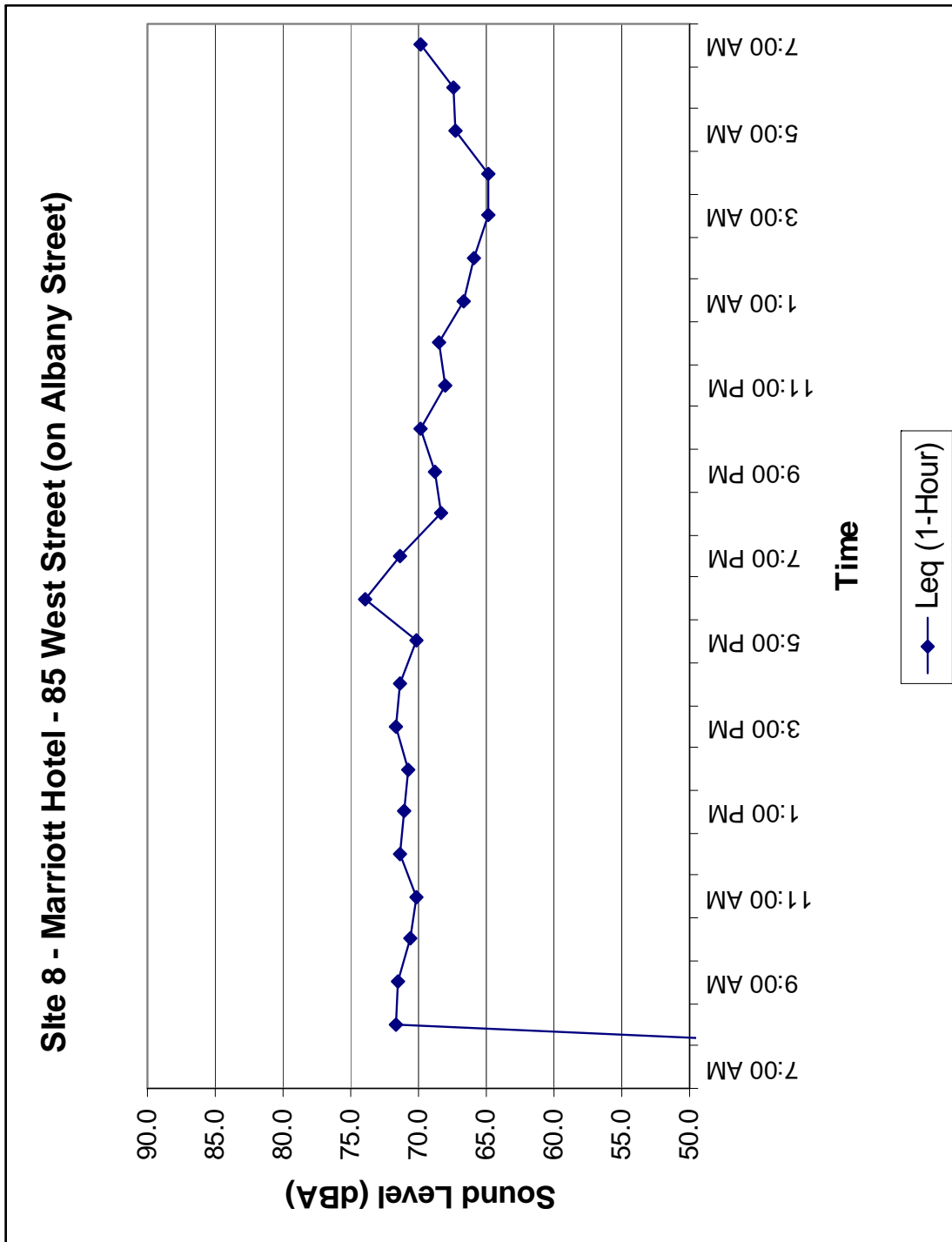
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Site 5: Gateway plaza (corner of Liberty St & South End Ave)						
Date	Start Time	Leq (1-hour)	Leq(day)	Leq(night)	Leq 24-hr	Ldn
10/28/2003	7:00 AM	66	65	59	63	67
10/28/2003	8:00 AM	66				
10/28/2003	9:00 AM	66				
10/28/2003	10:00 AM	64				
10/28/2003	11:00 AM	64				
10/28/2003	12:00 PM	64				
10/28/2003	1:00 PM	64				
10/28/2003	2:00 PM	64				
10/28/2003	3:00 PM	64				
10/28/2003	4:00 PM	66				
10/28/2003	5:00 PM	66				
10/28/2003	6:00 PM	66				
10/28/2003	7:00 PM	64				
10/28/2003	8:00 PM	64				
10/28/2003	9:00 PM	64				
10/28/2003	10:00 PM	59				
10/28/2003	11:00 PM	59				
10/29/2003	12:00 AM	59				
10/29/2003	1:00 AM	59				
10/29/2003	2:00 AM	59				
10/29/2003	3:00 AM	59				
10/29/2003	4:00 AM	59				
10/29/2003	5:00 AM	59				
10/29/2003	6:00 AM	59				

Site 6: SW corner of Albany St & West St (Parking Lot)						
Date	Start Time	Leq (1-hour)	Leq(day)	Leq(night)	Leq 24-hr	Ldn
10/28/2003	7:00 AM	73	73	70	72	77
10/28/2003	8:00 AM	73				
10/28/2003	9:00 AM	73				
10/28/2003	10:00 AM	73				
10/28/2003	11:00 AM	73				
10/28/2003	12:00 PM	73				
10/28/2003	1:00 PM	73				
10/28/2003	2:00 PM	73				
10/28/2003	3:00 PM	73				
10/28/2003	4:00 PM	73				
10/28/2003	5:00 PM	73				
10/28/2003	6:00 PM	73				
10/28/2003	7:00 PM	73				
10/28/2003	8:00 PM	73				
10/28/2003	9:00 PM	73				
10/28/2003	10:00 PM	70				
10/28/2003	11:00 PM	70				
10/29/2003	12:00 AM	70				
10/29/2003	1:00 AM	70				
10/29/2003	2:00 AM	70				
10/29/2003	3:00 AM	70				
10/29/2003	4:00 AM	70				
10/29/2003	5:00 AM	70				
10/29/2003	6:00 AM	70				

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Site 7: Cedar St & Washington St (Fence on Cedar St)						
Date	Start Time	Leq (1-hour)	Leq(day)	Leq(night)	Leq 24-hr	Ldn
10/28/2003	7:00 AM	60	64	57	63	65
10/28/2003	8:00 AM	60				
10/28/2003	9:00 AM	60				
10/28/2003	10:00 AM	66				
10/28/2003	11:00 AM	66				
10/28/2003	12:00 PM	66				
10/28/2003	1:00 PM	66				
10/28/2003	2:00 PM	66				
10/28/2003	3:00 PM	66				
10/28/2003	4:00 PM	60				
10/28/2003	5:00 PM	60				
10/28/2003	6:00 PM	60				
10/28/2003	7:00 PM	66				
10/28/2003	8:00 PM	66				
10/28/2003	9:00 PM	66				
10/28/2003	10:00 PM	57				
10/28/2003	11:00 PM	57				
10/29/2003	12:00 AM	57				
10/29/2003	1:00 AM	57				
10/29/2003	2:00 AM	57				
10/29/2003	3:00 AM	57				
10/29/2003	4:00 AM	57				
10/29/2003	5:00 AM	57				
10/29/2003	6:00 AM	57				



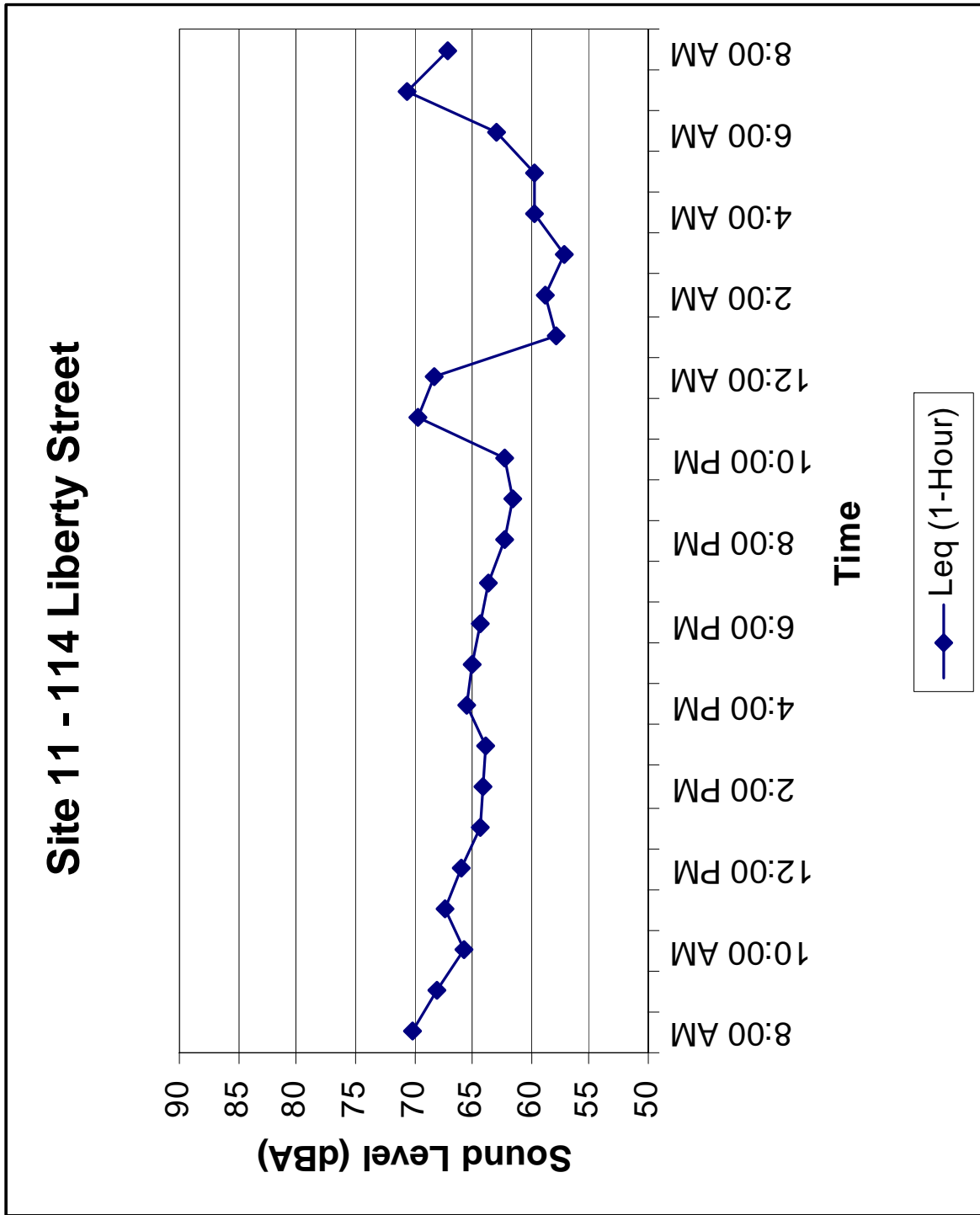
Site 8: Marriott Hotel-85 West St, side of Albany St						
Date	Start Time	Leq (1-hour)	Leq(day)	Leq(night)	Leq 24-hr	Ldn
12/10/2003	7:00 AM	70	71	68	70	75
12/9/2003	8:00 AM	72				
12/9/2003	9:00 AM	72				
12/9/2003	10:00 AM	71				
12/9/2003	11:00 AM	70				
12/9/2003	12:00 PM	71				
12/9/2003	1:00 PM	71				
12/9/2003	2:00 PM	71				
12/9/2003	3:00 PM	72				
12/9/2003	4:00 PM	71				
12/9/2003	5:00 PM	70				
12/9/2003	6:00 PM	74				
12/9/2003	7:00 PM	71				
12/9/2003	8:00 PM	68				
12/9/2003	9:00 PM	69				
12/9/2003	10:00 PM	70				
12/9/2003	11:00 PM	68				
12/10/2003	12:00 AM	69				
12/10/2003	1:00 AM	67				
12/10/2003	2:00 AM	66				
12/10/2003	3:00 AM	65				
12/10/2003	4:00 AM	65				
12/10/2003	5:00 AM	67				
12/10/2003	6:00 AM	68				

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Site 9: 4 Albany Street						
Date	Start Time	Leq (1-hour)	Leq(day)	Leq(night)	Leq 24-hr	Ldn
10/28/2003	7:00 AM	64	68	60	66	69
10/28/2003	8:00 AM	64				
10/28/2003	9:00 AM	64				
10/28/2003	10:00 AM	69				
10/28/2003	11:00 AM	69				
10/28/2003	12:00 PM	69				
10/28/2003	1:00 PM	69				
10/28/2003	2:00 PM	69				
10/28/2003	3:00 PM	69				
10/28/2003	4:00 PM	64				
10/28/2003	5:00 PM	64				
10/28/2003	6:00 PM	64				
10/28/2003	7:00 PM	69				
10/28/2003	8:00 PM	69				
10/28/2003	9:00 PM	69				
10/28/2003	10:00 PM	60				
10/28/2003	11:00 PM	60				
10/29/2003	12:00 AM	60				
10/29/2003	1:00 AM	60				
10/29/2003	2:00 AM	60				
10/29/2003	3:00 AM	60				
10/29/2003	4:00 AM	60				
10/29/2003	5:00 AM	60				
10/29/2003	6:00 AM	60				

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Site 10: 120 Cedar St-On Greenwich St						
Date	Start Time	Leq (1-hour)	Leq(day)	Leq(night)	Leq 24-hr	Ldn
10/28/2003	7:00 AM	67	68	62	67	70
10/28/2003	8:00 AM	67				
10/28/2003	9:00 AM	67				
10/28/2003	10:00 AM	69				
10/28/2003	11:00 AM	69				
10/28/2003	12:00 PM	69				
10/28/2003	1:00 PM	69				
10/28/2003	2:00 PM	69				
10/28/2003	3:00 PM	69				
10/28/2003	4:00 PM	67				
10/28/2003	5:00 PM	67				
10/28/2003	6:00 PM	67				
10/28/2003	7:00 PM	69				
10/28/2003	8:00 PM	69				
10/28/2003	9:00 PM	69				
10/28/2003	10:00 PM	62				
10/28/2003	11:00 PM	62				
10/29/2003	12:00 AM	62				
10/29/2003	1:00 AM	62				
10/29/2003	2:00 AM	62				
10/29/2003	3:00 AM	62				
10/29/2003	4:00 AM	62				
10/29/2003	5:00 AM	62				
10/29/2003	6:00 AM	62				

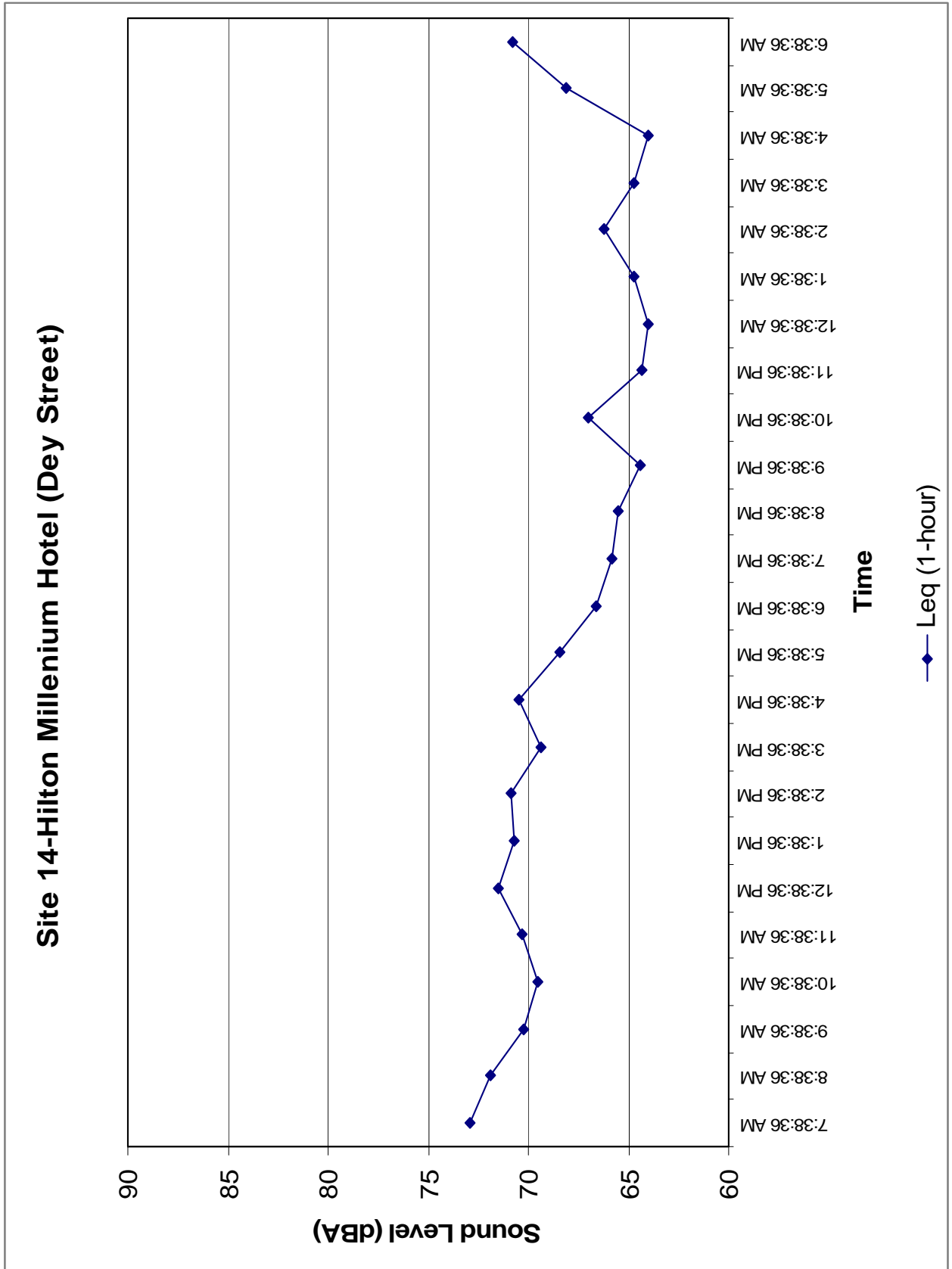


Site 11: 114 Liberty St						
Date	Start Time	Leq (1-hour)	Leq(day)	Leq(night)	Leq 24-hr	Ldn
12/10/2003	7:00 AM	70	66	64	66	71
12/09/2003	8:00 AM	70				
12/09/2003	9:00 AM	68				
12/09/2003	10:00 AM	66				
12/09/2003	11:00 AM	67				
12/09/2003	12:00 PM	66				
12/09/2003	1:00 PM	64				
12/09/2003	2:00 PM	64				
12/09/2003	3:00 PM	64				
12/09/2003	4:00 PM	66				
12/09/2003	5:00 PM	65				
12/09/2003	6:00 PM	64				
12/09/2003	7:00 PM	64				
12/09/2003	8:00 PM	62				
12/09/2003	9:00 PM	62				
12/09/2003	10:00 PM	62				
12/09/2003	11:00 PM	70				
12/10/2003	12:00 AM	68				
12/10/2003	1:00 AM	58				
12/10/2003	2:00 AM	59				
12/10/2003	3:00 AM	57				
12/10/2003	4:00 AM	60				
12/10/2003	5:00 AM	60				
12/10/2003	6:00 AM	63				

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Site 12: 95 Trinity Building						
Date	Start Time	Leq (1-hour)	Leq(day)		Leq 24-hr	Ldn
10/28/2003	7:00 AM	76	75	70	74	78
10/28/2003	8:00 AM	76				
10/28/2003	9:00 AM	76				
10/28/2003	10:00 AM	74				
10/28/2003	11:00 AM	74				
10/28/2003	12:00 PM	74				
10/28/2003	1:00 PM	74				
10/28/2003	2:00 PM	74				
10/28/2003	3:00 PM	74				
10/28/2003	4:00 PM	76				
10/28/2003	5:00 PM	76				
10/28/2003	6:00 PM	76				
10/28/2003	7:00 PM	74				
10/28/2003	8:00 PM	74				
10/28/2003	9:00 PM	74				
10/28/2003	10:00 PM	70				
10/28/2003	11:00 PM	70				
10/29/2003	12:00 AM	70				
10/29/2003	1:00 AM	70				
10/29/2003	2:00 AM	70				
10/29/2003	3:00 AM	70				
10/29/2003	4:00 AM	70				
10/29/2003	5:00 AM	70				
10/29/2003	6:00 AM	70				

Site 13: SE corner of Liberty St & Trinity Place (at park corner)						
Date	Start Time	Leq (1-hour)	Leq(day)	Leq(night)	Leq 24-hr	Ldn
10/28/2003	7:00 AM	76	73	67	72	75
10/28/2003	8:00 AM	76				
10/28/2003	9:00 AM	76				
10/28/2003	10:00 AM	70				
10/28/2003	11:00 AM	70				
10/28/2003	12:00 PM	70				
10/28/2003	1:00 PM	70				
10/28/2003	2:00 PM	70				
10/28/2003	3:00 PM	70				
10/28/2003	4:00 PM	76				
10/28/2003	5:00 PM	76				
10/28/2003	6:00 PM	76				
10/28/2003	7:00 PM	70				
10/28/2003	8:00 PM	70				
10/28/2003	9:00 PM	70				
10/28/2003	10:00 PM	67				
10/28/2003	11:00 PM	67				
10/29/2003	12:00 AM	67				
10/29/2003	1:00 AM	67				
10/29/2003	2:00 AM	67				
10/29/2003	3:00 AM	67				
10/29/2003	4:00 AM	67				
10/29/2003	5:00 AM	67				
10/29/2003	6:00 AM	67				



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Site 14: Hilton Millenium Hotel-Dey Street						
Date	Start Time	Leq (1-hour)	Leq(day)	Leq(night)	Leq 24-hr	Ldn
8/13/2003	7:38:36 AM	73	70	67	69	74
8/13/2003	8:38:36 AM	72				
8/13/2003	9:38:36 AM	70				
8/13/2003	10:38:36 AM	70				
8/13/2003	11:38:36 AM	70				
8/13/2003	12:38:36 PM	72				
8/13/2003	1:38:36 PM	71				
8/13/2003	2:38:36 PM	71				
8/13/2003	3:38:36 PM	69				
8/13/2003	4:38:36 PM	71				
8/13/2003	5:38:36 PM	68				
8/13/2003	6:38:36 PM	67				
8/13/2003	7:38:36 PM	66				
8/13/2003	8:38:36 PM	66				
8/13/2003	9:38:36 PM	64				
8/13/2003	10:38:36 PM	67				
8/13/2003	11:38:36 PM	64				
8/14/2003	12:38:36 AM	64				
8/14/2003	1:38:36 AM	65				
8/14/2003	2:38:36 AM	66				
8/14/2003	3:38:36 AM	65				
8/14/2003	4:38:36 AM	64				
8/14/2003	5:38:36 AM	68				
8/14/2003	6:38:36 AM	71				

Site 15: St. Peter's Church on Church St						
Date	Start Time	Leq (1-hour)	Leq(day)	Leq(night)	Leq 24-hr	Ldn
10/28/2003	7:00 AM	75	73	67	72	75
10/28/2003	8:00 AM	75				
10/28/2003	9:00 AM	75				
10/28/2003	10:00 AM	72				
10/28/2003	11:00 AM	72				
10/28/2003	12:00 PM	72				
10/28/2003	1:00 PM	72				
10/28/2003	2:00 PM	72				
10/28/2003	3:00 PM	72				
10/28/2003	4:00 PM	75				
10/28/2003	5:00 PM	75				
10/28/2003	6:00 PM	75				
10/28/2003	7:00 PM	72				
10/28/2003	8:00 PM	72				
10/28/2003	9:00 PM	72				
10/28/2003	10:00 PM	67				
10/28/2003	11:00 PM	67				
10/29/2003	12:00 AM	67				
10/29/2003	1:00 AM	67				
10/29/2003	2:00 AM	67				
10/29/2003	3:00 AM	67				
10/29/2003	4:00 AM	67				
10/29/2003	5:00 AM	67				
10/29/2003	6:00 AM	67				

Site 16: 100 Church St-Barclay Entrance						
Date	Start Time	Leq (1-hour)	Leq(day)	Leq(night)	Leq 24-hr	Ldn
10/28/2003	7:00 AM	69	71	62	69	71
10/28/2003	8:00 AM	69				
10/28/2003	9:00 AM	69				
10/28/2003	10:00 AM	72				
10/28/2003	11:00 AM	72				
10/28/2003	12:00 PM	72				
10/28/2003	1:00 PM	72				
10/28/2003	2:00 PM	72				
10/28/2003	3:00 PM	72				
10/28/2003	4:00 PM	69				
10/28/2003	5:00 PM	69				
10/28/2003	6:00 PM	69				
10/28/2003	7:00 PM	72				
10/28/2003	8:00 PM	72				
10/28/2003	9:00 PM	72				
10/28/2003	10:00 PM	62				
10/28/2003	11:00 PM	62				
10/29/2003	12:00 AM	62				
10/29/2003	1:00 AM	62				
10/29/2003	2:00 AM	62				
10/29/2003	3:00 AM	62				
10/29/2003	4:00 AM	62				
10/29/2003	5:00 AM	62				
10/29/2003	6:00 AM	62				

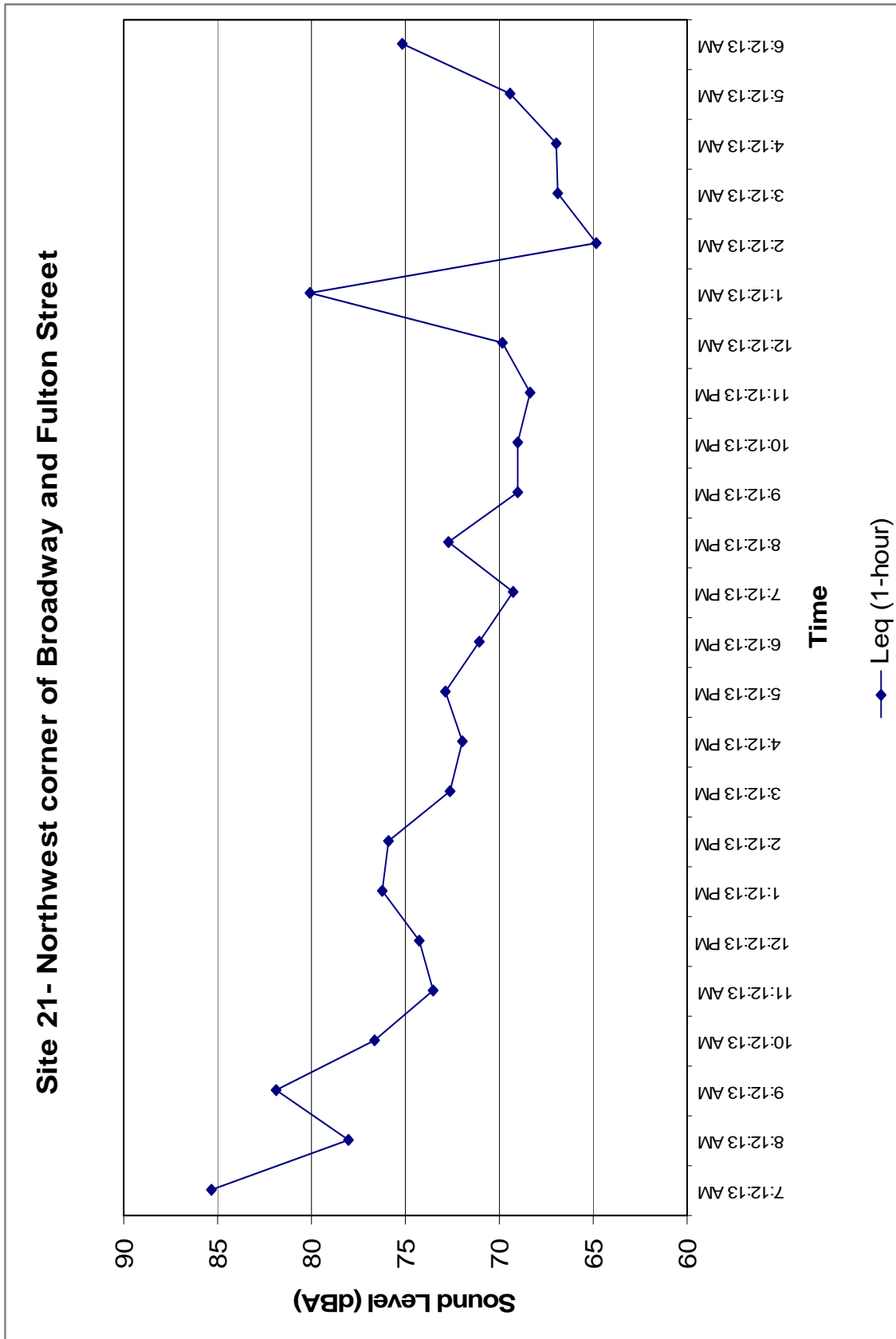
Site 17: Barclay St & Washington St Intersection						
Date	Start Time	Leq (1-hour)	Leq(day)	Leq(night)	Leq 24-hr	Ldn
10/28/2003	7:00 AM	66	71	58	69	70
10/28/2003	8:00 AM	66				
10/28/2003	9:00 AM	66				
10/28/2003	10:00 AM	73				
10/28/2003	11:00 AM	73				
10/28/2003	12:00 PM	73				
10/28/2003	1:00 PM	73				
10/28/2003	2:00 PM	73				
10/28/2003	3:00 PM	73				
10/28/2003	4:00 PM	66				
10/28/2003	5:00 PM	66				
10/28/2003	6:00 PM	66				
10/28/2003	7:00 PM	73				
10/28/2003	8:00 PM	73				
10/28/2003	9:00 PM	73				
10/28/2003	10:00 PM	58				
10/28/2003	11:00 PM	58				
10/29/2003	12:00 AM	58				
10/29/2003	1:00 AM	58				
10/29/2003	2:00 AM	58				
10/29/2003	3:00 AM	58				
10/29/2003	4:00 AM	58				
10/29/2003	5:00 AM	58				
10/29/2003	6:00 AM	58				

Site 18: Park Place & Greenwich St (corner of BMCC)						
Date	Start Time	Leq (1-hour)	Leq(day)	Leq(night)	Leq 24-hr	Ldn
10/28/2003	7:00 AM	73	70	56	68	69
10/28/2003	8:00 AM	73				
10/28/2003	9:00 AM	73				
10/28/2003	10:00 AM	67				
10/28/2003	11:00 AM	67				
10/28/2003	12:00 PM	67				
10/28/2003	1:00 PM	67				
10/28/2003	2:00 PM	67				
10/28/2003	3:00 PM	67				
10/28/2003	4:00 PM	73				
10/28/2003	5:00 PM	73				
10/28/2003	6:00 PM	73				
10/28/2003	7:00 PM	67				
10/28/2003	8:00 PM	67				
10/28/2003	9:00 PM	67				
10/28/2003	10:00 PM	56				
10/28/2003	11:00 PM	56				
10/29/2003	12:00 AM	56				
10/29/2003	1:00 AM	56				
10/29/2003	2:00 AM	56				
10/29/2003	3:00 AM	56				
10/29/2003	4:00 AM	56				
10/29/2003	5:00 AM	56				
10/29/2003	6:00 AM	56				

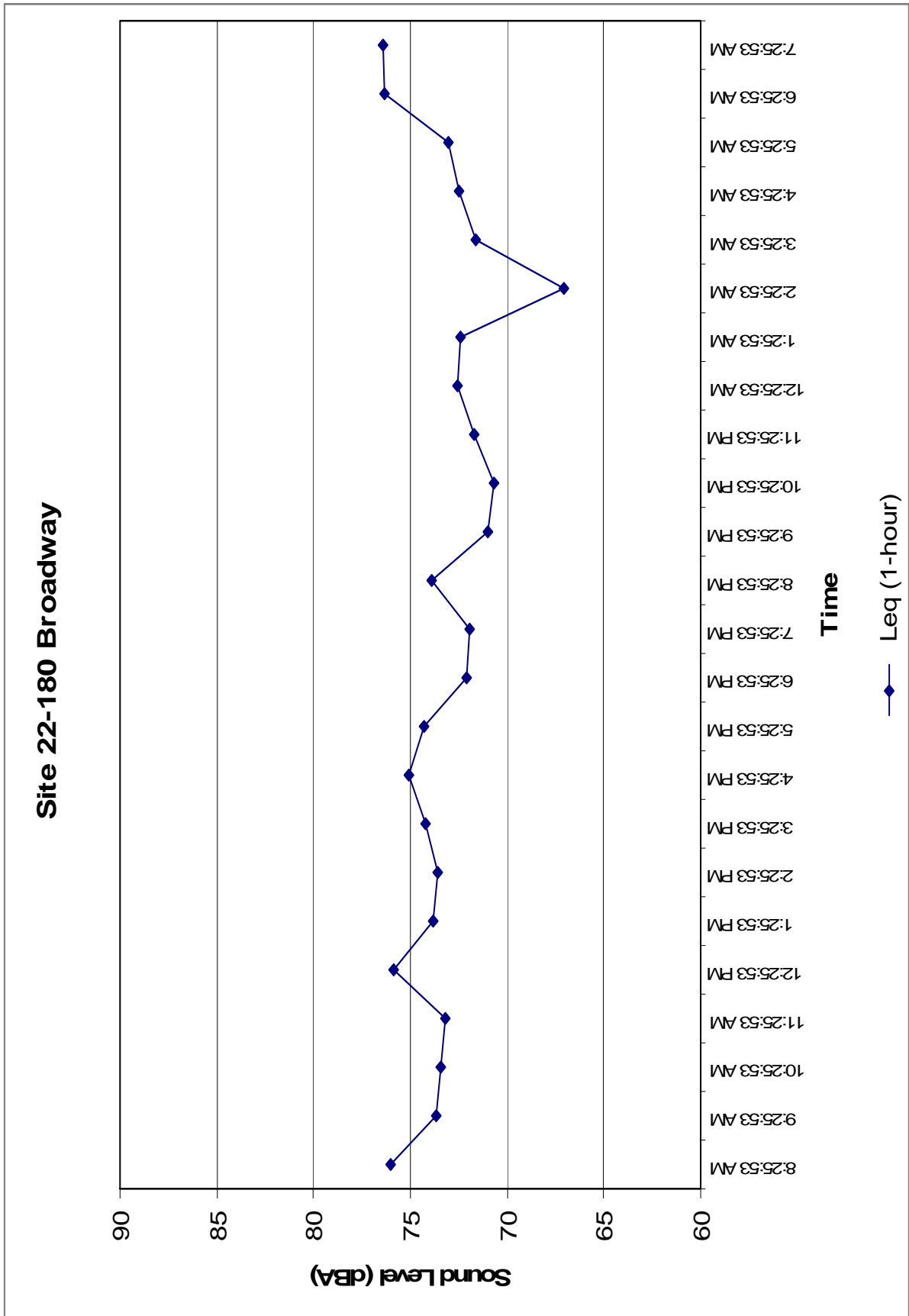
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Site 19: NE corner of Park Place & West Broadway						
Date	Start Time	Leq (1-hour)	Leq(day)	Leq(night)	Leq 24-hr	Ldn
10/28/2003	7:00 AM	71	70	65	69	73
10/28/2003	8:00 AM	71				
10/28/2003	9:00 AM	71				
10/28/2003	10:00 AM	69				
10/28/2003	11:00 AM	69				
10/28/2003	12:00 PM	69				
10/28/2003	1:00 PM	69				
10/28/2003	2:00 PM	69				
10/28/2003	3:00 PM	69				
10/28/2003	4:00 PM	71				
10/28/2003	5:00 PM	71				
10/28/2003	6:00 PM	71				
10/28/2003	7:00 PM	69				
10/28/2003	8:00 PM	69				
10/28/2003	9:00 PM	69				
10/28/2003	10:00 PM	65				
10/28/2003	11:00 PM	65				
10/29/2003	12:00 AM	65				
10/29/2003	1:00 AM	65				
10/29/2003	2:00 AM	65				
10/29/2003	3:00 AM	65				
10/29/2003	4:00 AM	65				
10/29/2003	5:00 AM	65				
10/29/2003	6:00 AM	65				

Site 20: Tower 270-Broadway & Chambers St						
Date	Start Time	Leq (1-hour)	Leq(day)	Leq(night)	Leq 24-hr	Ldn
10/28/2003	7:00 AM	75	74	68	72	76
10/28/2003	8:00 AM	75				
10/28/2003	9:00 AM	75				
10/28/2003	10:00 AM	73				
10/28/2003	11:00 AM	73				
10/28/2003	12:00 PM	73				
10/28/2003	1:00 PM	73				
10/28/2003	2:00 PM	73				
10/28/2003	3:00 PM	73				
10/28/2003	4:00 PM	75				
10/28/2003	5:00 PM	75				
10/28/2003	6:00 PM	75				
10/28/2003	7:00 PM	73				
10/28/2003	8:00 PM	73				
10/28/2003	9:00 PM	73				
10/28/2003	10:00 PM	68				
10/28/2003	11:00 PM	68				
10/29/2003	12:00 AM	68				
10/29/2003	1:00 AM	68				
10/29/2003	2:00 AM	68				
10/29/2003	3:00 AM	68				
10/29/2003	4:00 AM	68				
10/29/2003	5:00 AM	68				
10/29/2003	6:00 AM	68				



Site 21: Northwest corner of Broadway & Fulton Street						
Date	Start Time	Leq (1-hour)	Leq(day)	Leq(night)	Leq 24-hr	Ldn
8/13/2003	7:12:13 AM	85	77	73	76	80
8/12/2003	8:12:13 AM	78				
8/12/2003	9:12:13 AM	82				
8/12/2003	10:12:13 AM	77				
8/12/2003	11:12:13 AM	74				
8/12/2003	12:12:13 PM	74				
8/12/2003	1:12:13 PM	76				
8/12/2003	2:12:13 PM	76				
8/12/2003	3:12:13 PM	73				
8/12/2003	4:12:13 PM	72				
8/12/2003	5:12:13 PM	73				
8/12/2003	6:12:13 PM	71				
8/12/2003	7:12:13 PM	69				
8/12/2003	8:12:13 PM	73				
8/12/2003	9:12:13 PM	69				
8/12/2003	10:12:13 PM	69				
8/12/2003	11:12:13 PM	68				
8/13/2003	12:12:13 AM	70				
8/13/2003	1:12:13 AM	80				
8/13/2003	2:12:13 AM	65				
8/13/2003	3:12:13 AM	67				
8/13/2003	4:12:13 AM	67				
8/13/2003	5:12:13 AM	69				
8/13/2003	6:12:13 AM	75				



World Trade Center Memorial and Redevelopment Plan GEIS

Site 22: 180 Broadway						
Date	Start Time	Leq (1-hour)	Leq(day)	Leq(night)	Leq 24-hr	Ldn
8/13/2003	7:25:53 AM	76	74	73	74	79
8/12/2003	8:25:53 AM	76				
8/12/2003	9:25:53 AM	74				
8/12/2003	10:25:53 AM	73				
8/12/2003	11:25:53 AM	73				
8/12/2003	12:25:53 PM	76				
8/12/2003	1:25:53 PM	74				
8/12/2003	2:25:53 PM	74				
8/12/2003	3:25:53 PM	74				
8/12/2003	4:25:53 PM	75				
8/12/2003	5:25:53 PM	74				
8/12/2003	6:25:53 PM	72				
8/12/2003	7:25:53 PM	72				
8/12/2003	8:25:53 PM	74				
8/12/2003	9:25:53 PM	71				
8/12/2003	10:25:53 PM	71				
8/12/2003	11:25:53 PM	72				
8/13/2003	12:25:53 AM	73				
8/13/2003	1:25:53 AM	72				
8/13/2003	2:25:53 AM	67				
8/13/2003	3:25:53 AM	72				
8/13/2003	4:25:53 AM	73				
8/13/2003	5:25:53 AM	73				
8/13/2003	6:25:53 AM	76				

Site 23: WTC Pit-Future Hero's Park						
Date	Start Time	Leq (1-hour)	Leq(day)	Leq(night)	Leq 24-hr	Ldn
10/28/2003	7:00 AM	67	66	65	66	72
10/28/2003	8:00 AM	67				
10/28/2003	9:00 AM	67				
10/28/2003	10:00 AM	65				
10/28/2003	11:00 AM	65				
10/28/2003	12:00 PM	65				
10/28/2003	1:00 PM	65				
10/28/2003	2:00 PM	65				
10/28/2003	3:00 PM	65				
10/28/2003	4:00 PM	67				
10/28/2003	5:00 PM	67				
10/28/2003	6:00 PM	67				
10/28/2003	7:00 PM	65				
10/28/2003	8:00 PM	65				
10/28/2003	9:00 PM	65				
10/28/2003	10:00 PM	65				
10/28/2003	11:00 PM	65				
10/29/2003	12:00 AM	65				
10/29/2003	1:00 AM	65				
10/29/2003	2:00 AM	65				
10/29/2003	3:00 AM	65				
10/29/2003	4:00 AM	65				
10/29/2003	5:00 AM	65				
10/29/2003	6:00 AM	65				

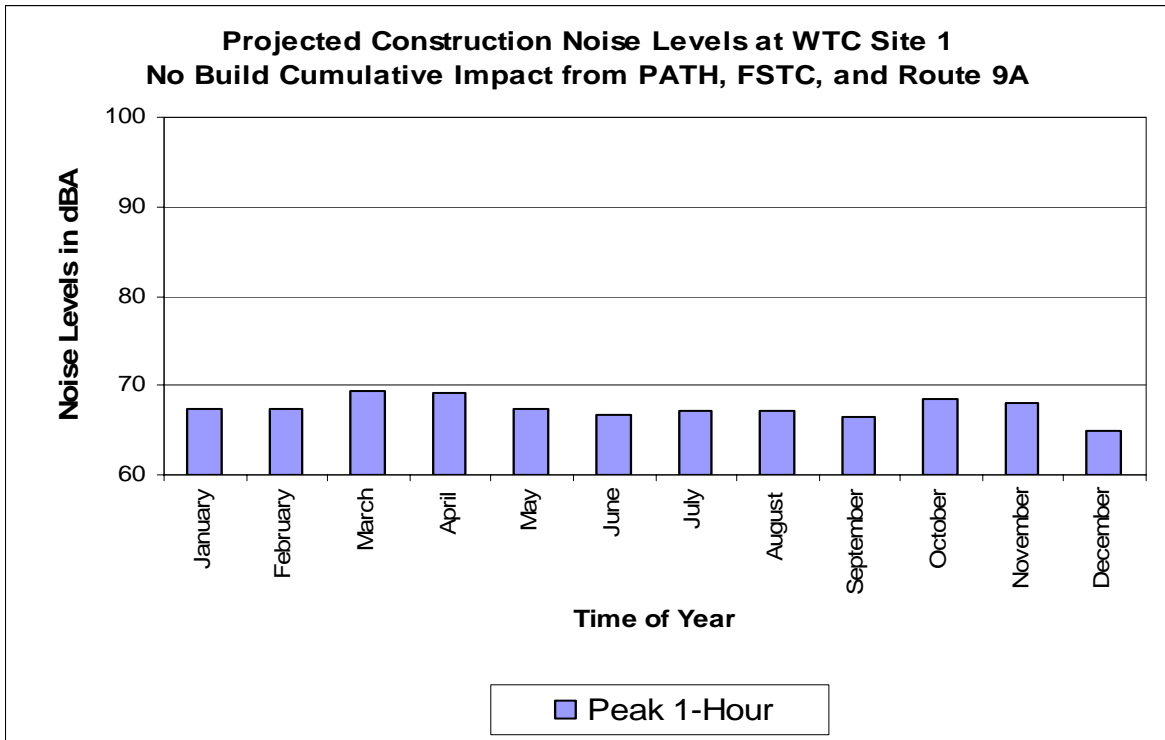
Site 24: WTC Pit-Future Memorial Park						
Date	Start Time	Leq (1-hour)	Leq(day)	Leq(night)	Leq 24-hr	Ldn
10/28/2003	7:00 AM	66	66	67	66	73
10/28/2003	8:00 AM	66				
10/28/2003	9:00 AM	66				
10/28/2003	10:00 AM	66				
10/28/2003	11:00 AM	66				
10/28/2003	12:00 PM	66				
10/28/2003	1:00 PM	66				
10/28/2003	2:00 PM	66				
10/28/2003	3:00 PM	66				
10/28/2003	4:00 PM	66				
10/28/2003	5:00 PM	66				
10/28/2003	6:00 PM	66				
10/28/2003	7:00 PM	66				
10/28/2003	8:00 PM	66				
10/28/2003	9:00 PM	66				
10/28/2003	10:00 PM	67				
10/28/2003	11:00 PM	67				
10/29/2003	12:00 AM	67				
10/29/2003	1:00 AM	67				
10/29/2003	2:00 AM	67				
10/29/2003	3:00 AM	67				
10/29/2003	4:00 AM	67				
10/29/2003	5:00 AM	67				
10/29/2003	6:00 AM	67				

**APPENDIX H
NOISE
ANALYSIS YEAR 2006
NO-ACTION ALTERNATIVE**

**ANALYSIS YEAR 2006
NO ACTION ALTERNATIVE
STATIONARY SOURCES – 1 HOUR LEQ
SITES 1 - 22**

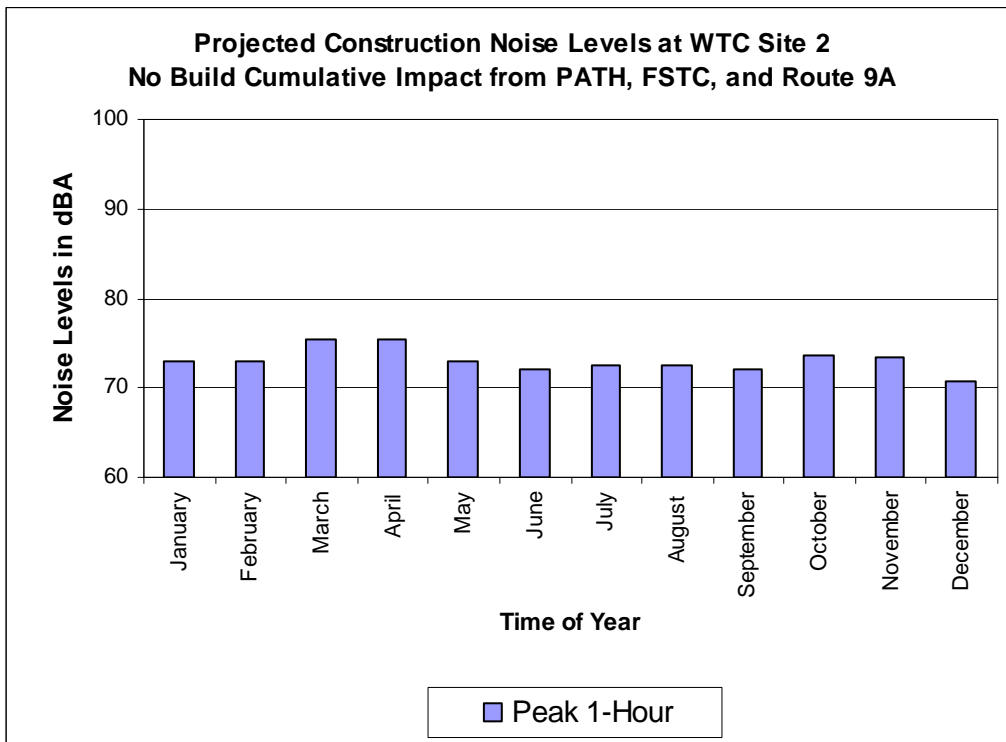
Projected Construction Noise Levels for No Action Alternative – 1 Hour Leq

Site 1				
Month	PATH	FSTC	9A	Peak 1-Hour
January	62	59	65	67
February	61	60	65	67
March	61	60	68	69
April	61	58	68	69
May	62	59	65	67
June	62	57	64	67
July	63	59	64	67
August	63	58	64	67
September	62	56	64	67
October	62	55	67	68
November	60	55	67	68
December	59	55	63	65



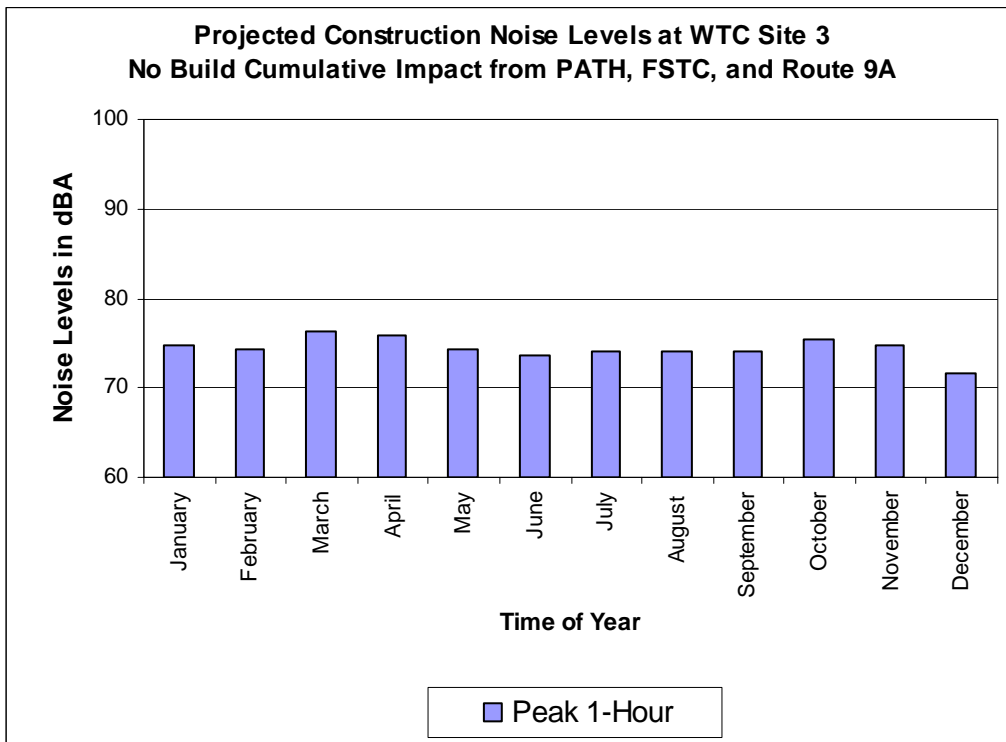
Projected Construction Noise Levels for No Action Alternative – 1 Hour Leq

Site 2				
Month	PATH	FSTC	9A	Peak 1-Hour
January	65	61	72	73
February	64	61	72	73
March	64	62	75	76
April	64	59	75	75
May	65	60	72	73
June	65	58	71	72
July	66	60	71	72
August	66	60	71	72
September	65	57	71	72
October	65	56	73	74
November	62	56	73	73
December	62	56	70	71



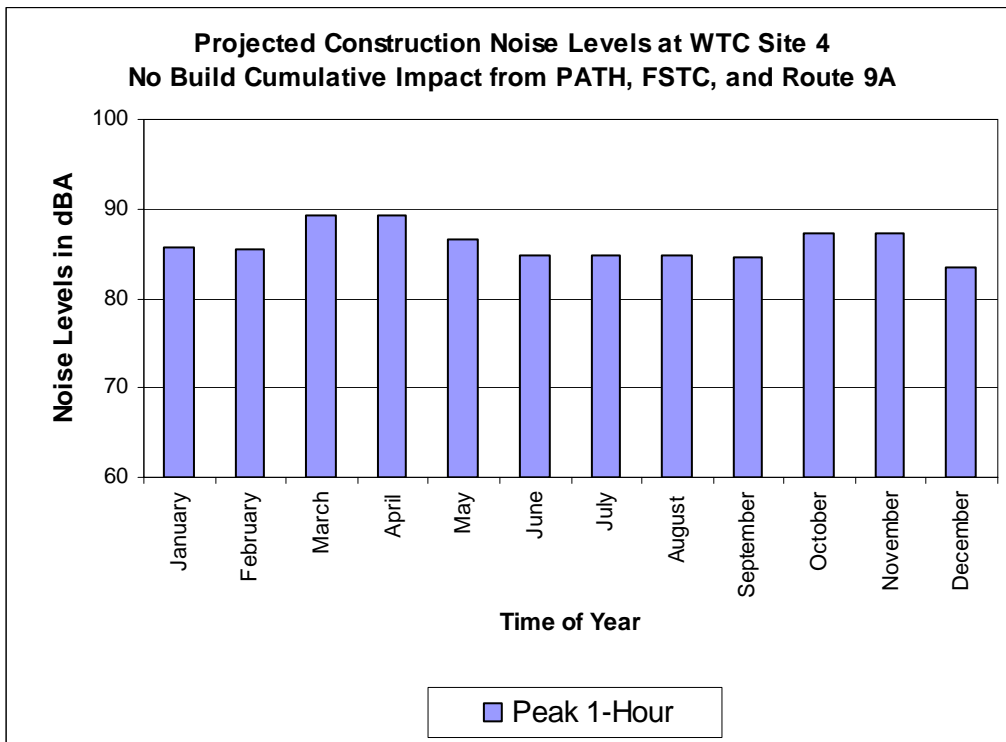
Projected Construction Noise Levels for No Action Alternative – 1 Hour Leq

Site 3				
Month	PATH	FSTC	9A	Peak 1-Hour
January	71	61	72	75
February	70	61	72	74
March	70	62	75	76
April	68	59	75	76
May	70	60	72	74
June	70	58	71	74
July	71	60	71	74
August	71	60	71	74
September	71	57	71	74
October	70	56	74	76
November	67	56	74	75
December	66	56	70	72



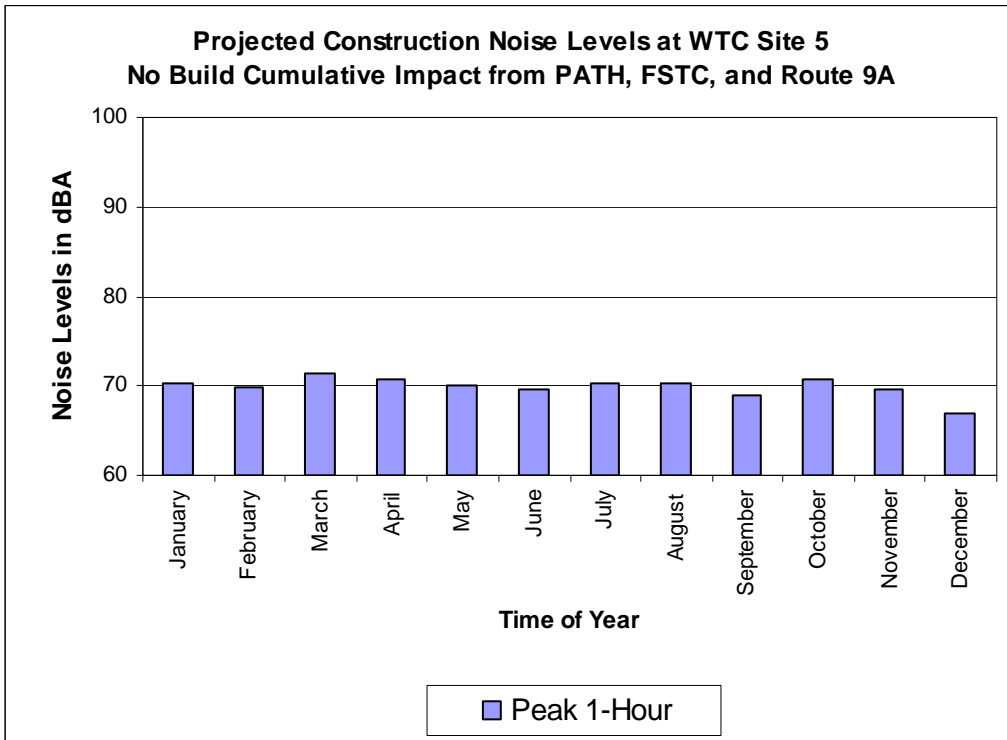
Projected Construction Noise Levels for No Action Alternative – 1 Hour Leq

Site 4				
Month	PATH	FSTC	9A	Peak 1-Hour
January	77	63	85	86
February	76	64	85	86
March	76	65	89	89
April	75	61	89	89
May	77	62	86	87
June	77	61	84	85
July	77	63	84	85
August	77	62	84	85
September	76	60	84	85
October	76	59	87	87
November	73	59	87	87
December	73	59	83	83



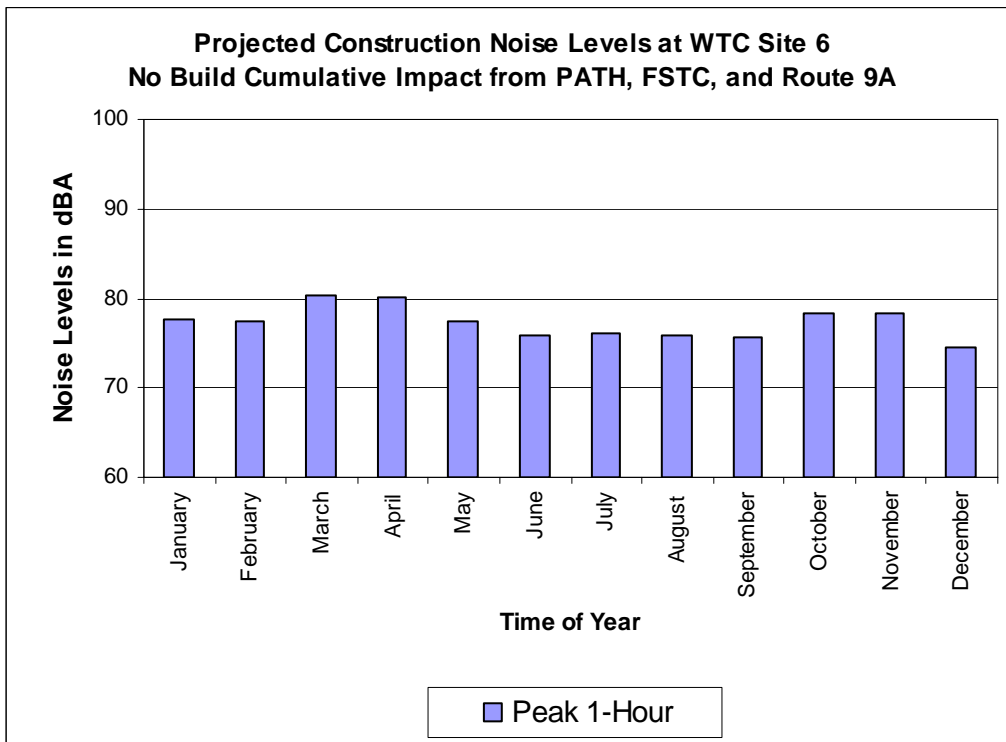
Projected Construction Noise Levels for No Action Alternative – 1 Hour Leq

Site 5				
Month	PATH	FSTC	9A	Peak 1-Hour
January	67	62	66	70
February	66	62	66	70
March	66	63	69	71
April	65	60	69	71
May	67	61	66	70
June	67	59	65	70
July	68	61	65	70
August	68	61	65	70
September	66	58	65	69
October	67	57	68	71
November	64	57	68	70
December	63	57	64	67



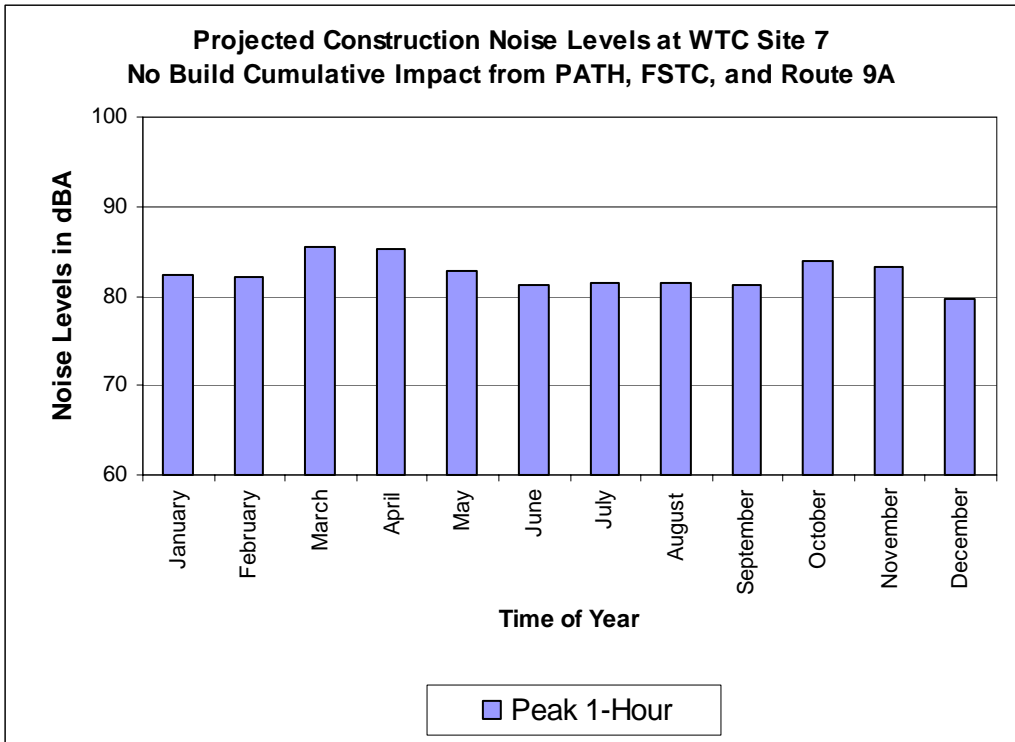
Projected Construction Noise Levels for No Action Alternative – 1 Hour Leq

Site 6				
Month	PATH	FSTC	9A	Peak 1-Hour
January	67	63	77	78
February	66	63	77	77
March	66	64	80	80
April	66	61	80	80
May	67	62	77	78
June	67	61	75	76
July	68	63	75	76
August	68	62	75	76
September	67	59	75	76
October	67	58	78	78
November	65	58	78	78
December	64	58	74	75



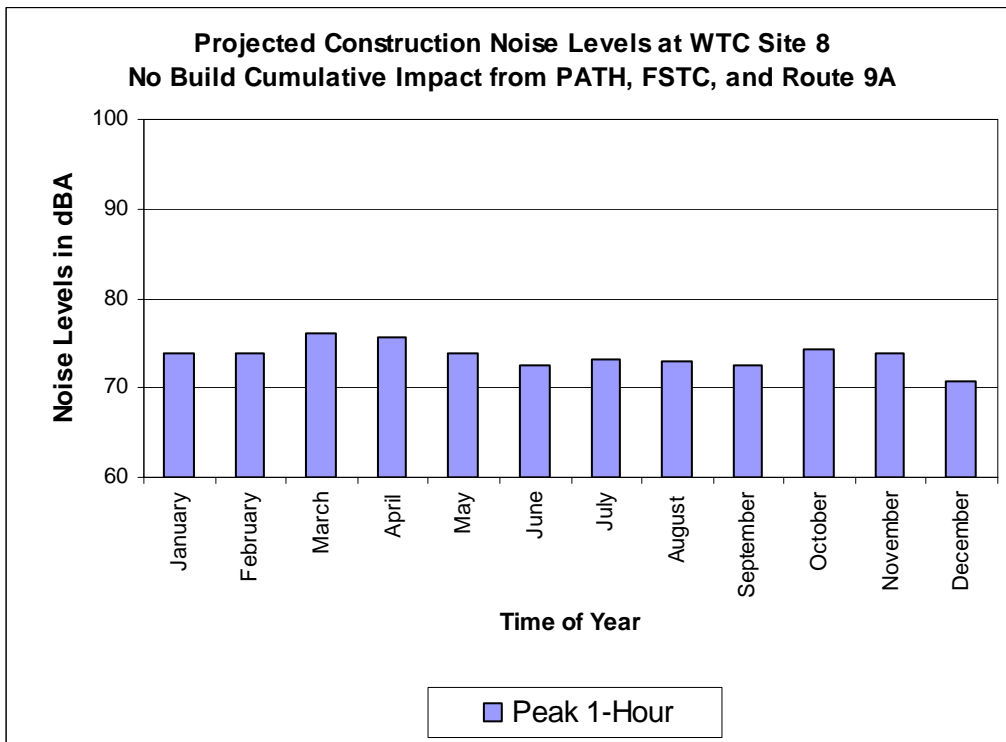
Projected Construction Noise Levels for No Action Alternative – 1 Hour Leq

Site 7				
Month	PATH	FSTC	9A	Peak 1-Hour
January	76	65	81	82
February	75	65	81	82
March	75	66	85	85
April	72	63	85	85
May	75	64	82	83
June	75	63	80	81
July	76	65	80	82
August	76	64	80	82
September	75	61	80	81
October	76	60	83	84
November	71	60	83	83
December	70	60	79	80



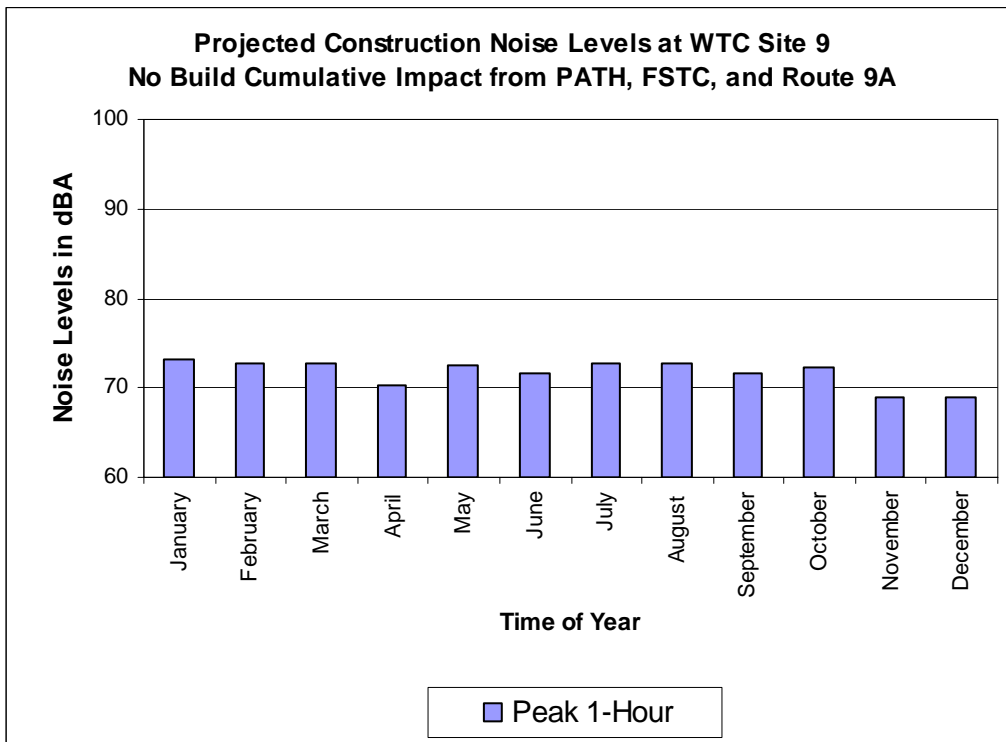
Projected Construction Noise Levels for No Action Alternative – 1 Hour Leq

Site 8				
Month	PATH	FSTC	9A	Peak 1-Hour
January	68	64	72	74
February	67	65	72	74
March	67	65	75	76
April	66	62	75	76
May	68	63	72	74
June	68	62	70	73
July	69	64	70	73
August	69	63	70	73
September	68	61	70	72
October	68	60	73	74
November	65	60	73	74
December	65	60	69	71



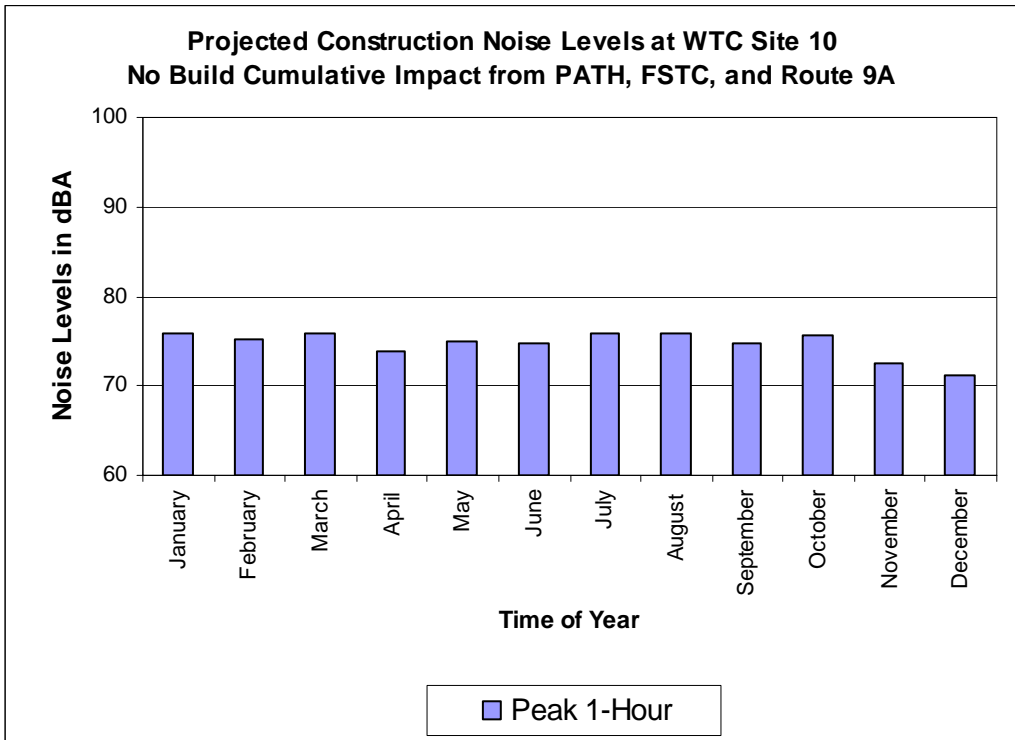
Projected Construction Noise Levels for No Action Alternative – 1 Hour Leq

Site 9				
Month	PATH	FSTC	9A	Peak 1-Hour
January	72	65	63	73
February	71	66	63	73
March	71	66	64	73
April	68	63	64	70
May	71	64	64	72
June	71	63	53	72
July	72	65	53	73
August	72	65	53	73
September	71	62	53	72
October	72	61	53	72
November	68	61	53	69
December	67	61	62	69



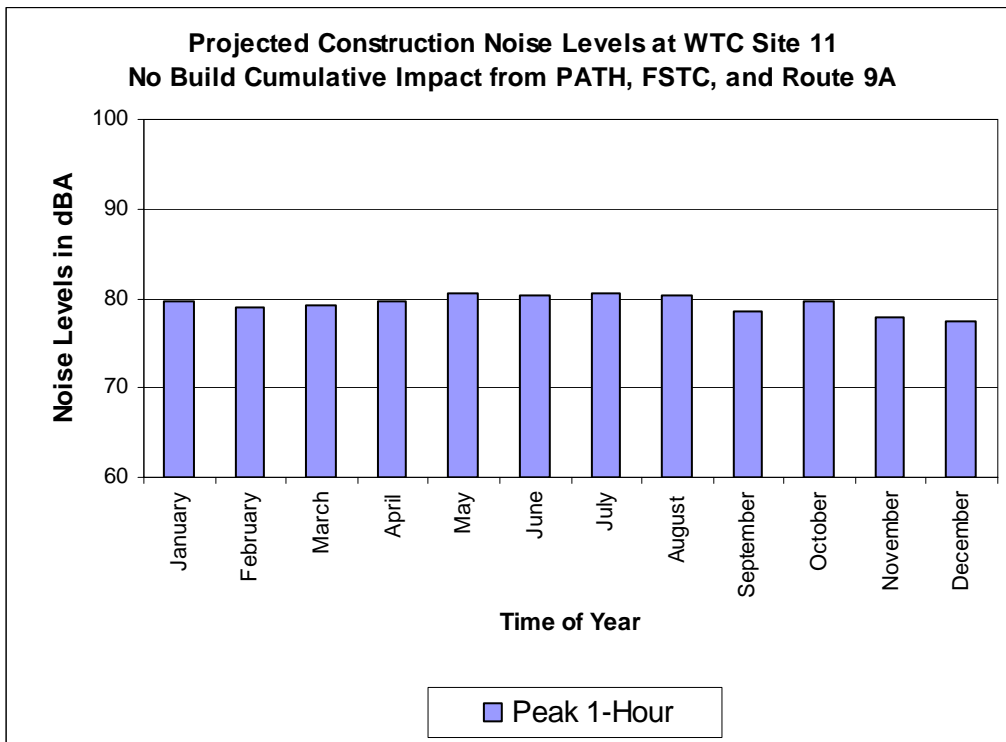
Projected Construction Noise Levels for No Action Alternative – 1 Hour Leq

Site 10				
Month	PATH	FSTC	9A	Peak 1-Hour
January	75	67	64	76
February	74	68	64	75
March	74	69	67	76
April	72	65	67	74
May	74	66	64	75
June	74	65	63	75
July	75	67	63	76
August	75	67	63	76
September	74	64	63	75
October	75	63	65	76
November	71	63	65	72
December	70	63	61	71



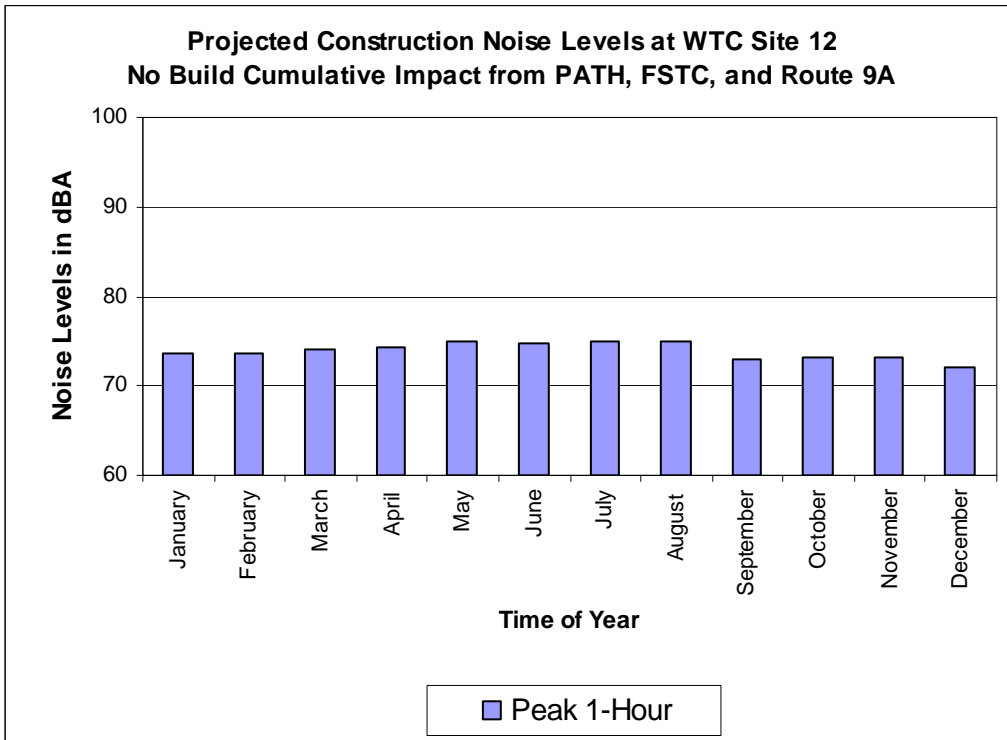
Projected Construction Noise Levels for No Action Alternative – 1 Hour Leq

Site 11				
Month	PATH	FSTC	9A	Peak 1-Hour
January	79	69	67	80
February	78	70	67	79
March	78	70	70	79
April	79	67	70	80
May	80	68	67	80
June	80	67	66	80
July	80	69	66	80
August	80	68	66	80
September	78	66	66	79
October	79	65	69	80
November	77	65	69	78
December	77	65	65	78



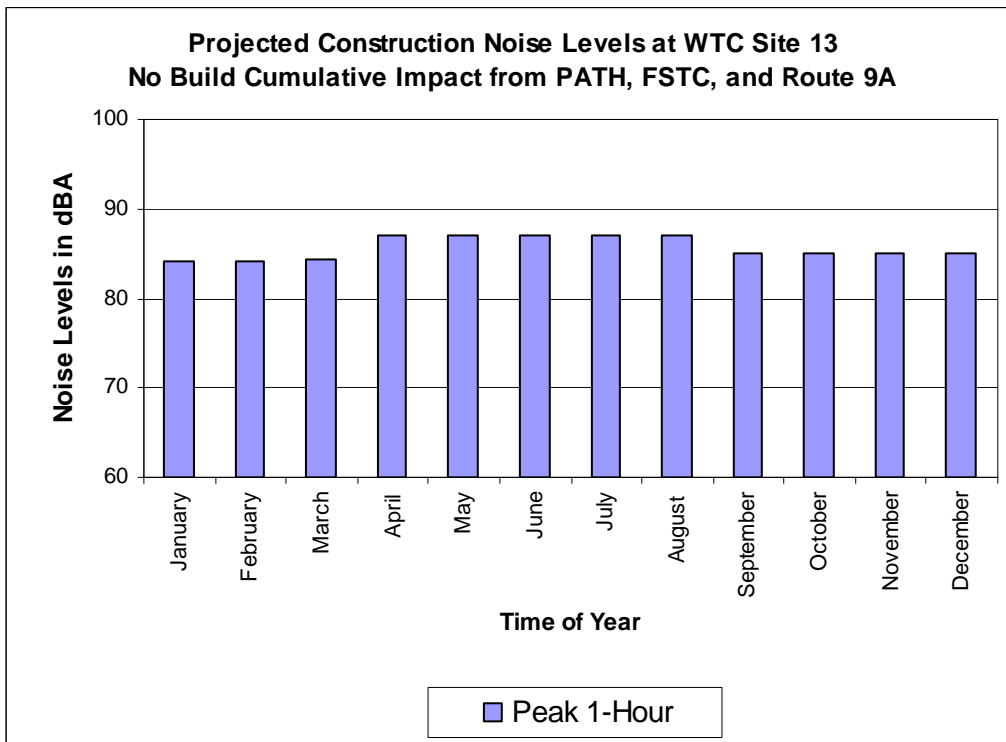
Projected Construction Noise Levels for No Action Alternative – 1 Hour Leq

Site 12				
Month	PATH	FSTC	9A	Peak 1-Hour
January	72	68	60	74
February	72	68	60	74
March	72	69	63	74
April	73	67	63	74
May	74	67	60	75
June	74	66	59	75
July	74	68	59	75
August	74	68	59	75
September	72	65	59	73
October	72	65	62	73
November	72	65	62	73
December	71	65	58	72



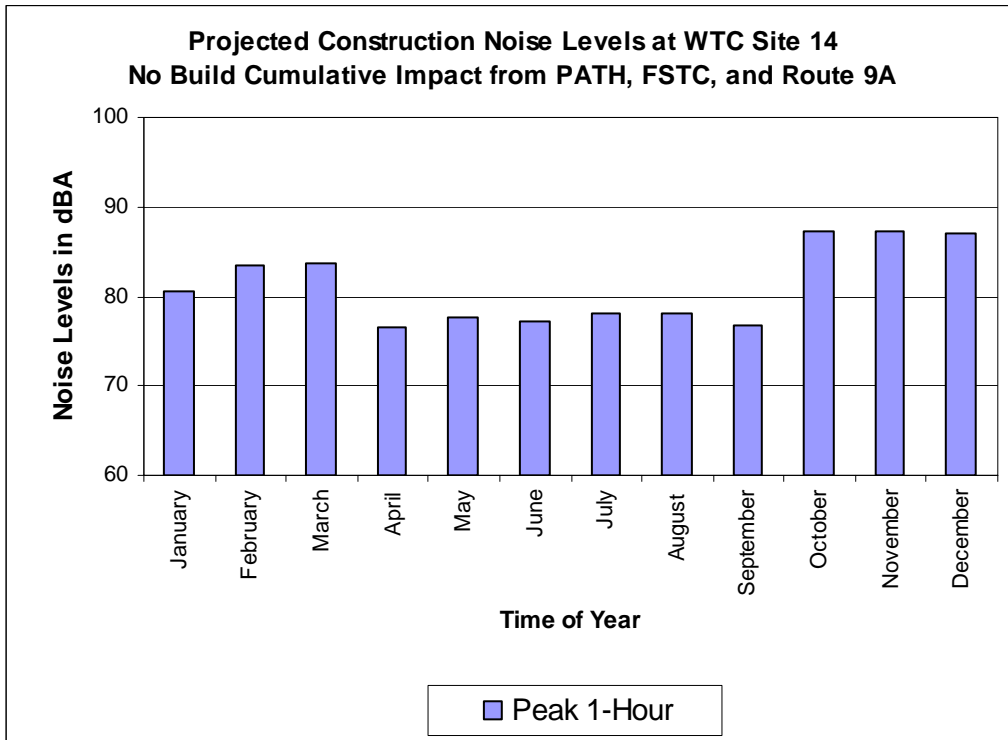
Projected Construction Noise Levels for No Action Alternative – 1 Hour Leq

Site 13				
Month	PATH	FSTC	9A	Peak 1-Hour
January	84	70	65	84
February	84	70	65	84
March	84	71	68	84
April	87	69	68	87
May	87	69	65	87
June	87	69	64	87
July	87	70	64	87
August	87	70	64	87
September	85	67	64	85
October	85	67	67	85
November	85	67	67	85
December	85	67	63	85



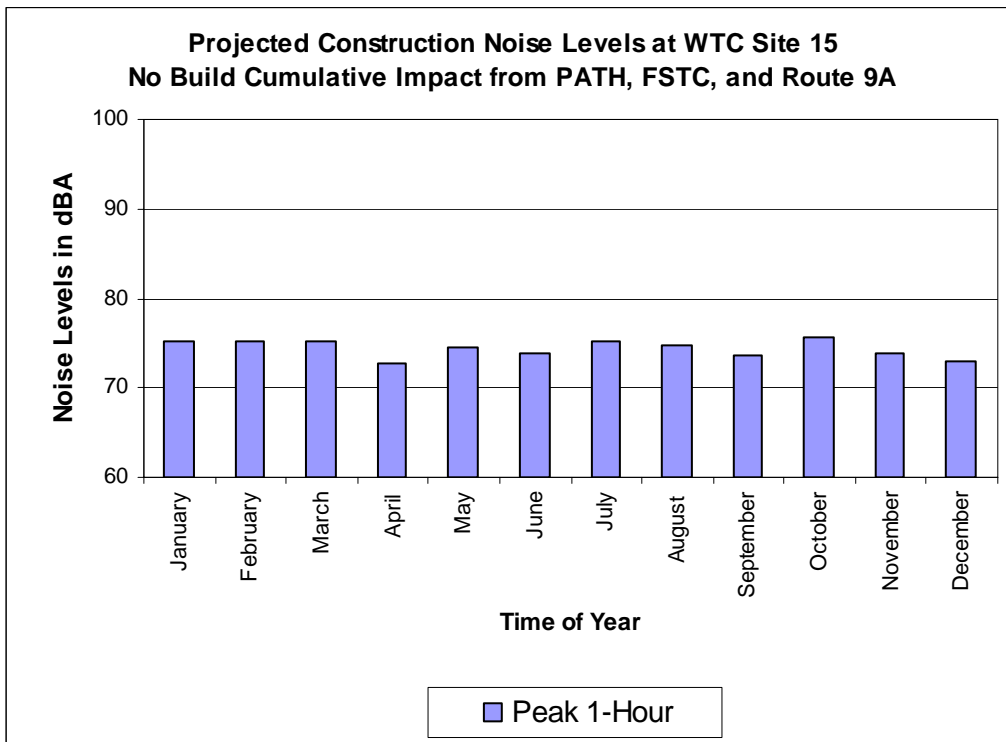
Projected Construction Noise Levels for No Action Alternative – 1 Hour Leq

Site 14				
Month	PATH	FSTC	9A	Peak 1-Hour
January	75	79	64	81
February	74	83	64	84
March	74	83	67	84
April	72	74	67	77
May	74	75	63	78
June	74	74	63	77
July	75	75	63	78
August	75	75	63	78
September	74	73	63	77
October	87	72	65	87
November	87	72	65	87
December	87	72	61	87



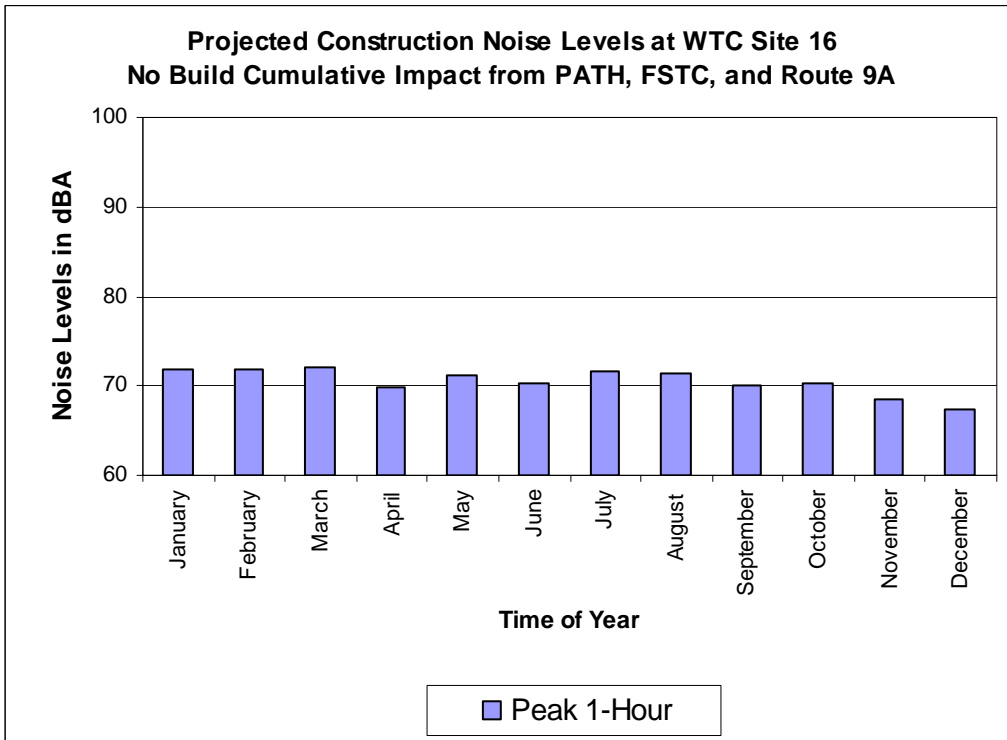
Projected Construction Noise Levels for No Action Alternative – 1 Hour Leq

Site 15				
Month	PATH	FSTC	9A	Peak 1-Hour
January	73	71	58	75
February	72	72	58	75
March	72	72	61	75
April	69	70	61	73
May	72	71	58	75
June	72	69	57	74
July	73	71	57	75
August	73	70	57	75
September	72	68	57	74
October	75	66	59	76
November	73	66	59	74
December	72	66	55	73



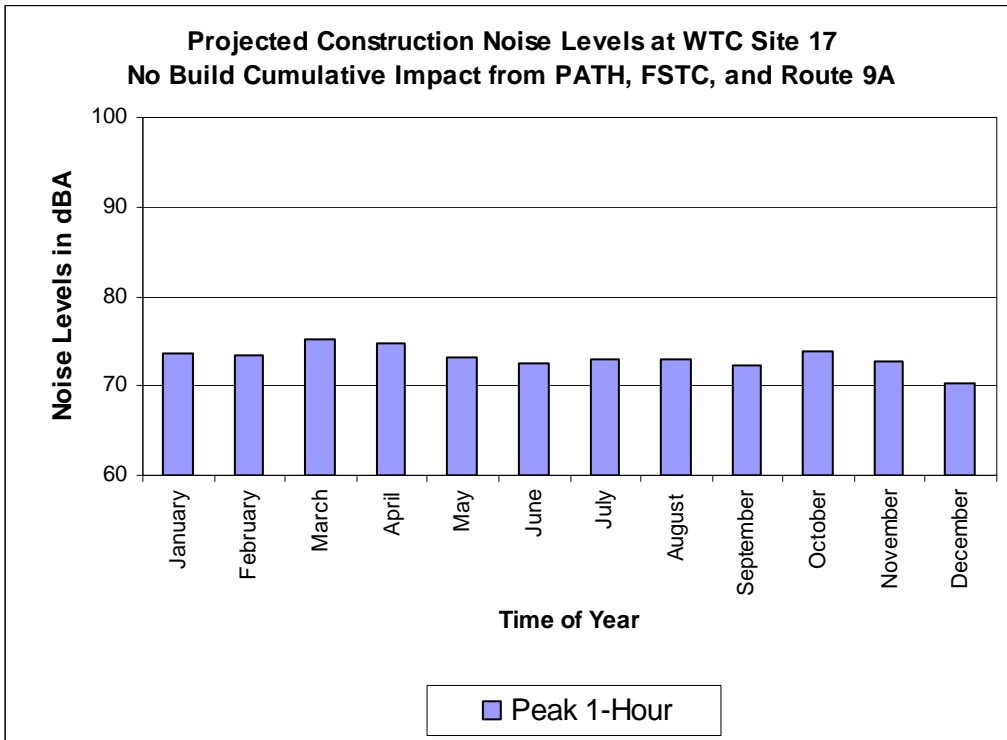
Projected Construction Noise Levels for No Action Alternative – 1 Hour Leq

Site 16				
Month	PATH	FSTC	9A	Peak 1-Hour
January	69	68	59	72
February	68	69	59	72
March	68	69	62	72
April	65	67	62	70
May	68	68	59	71
June	68	66	58	70
July	69	68	58	72
August	69	67	58	71
September	68	65	58	70
October	69	63	60	70
November	66	63	60	68
December	65	63	56	67



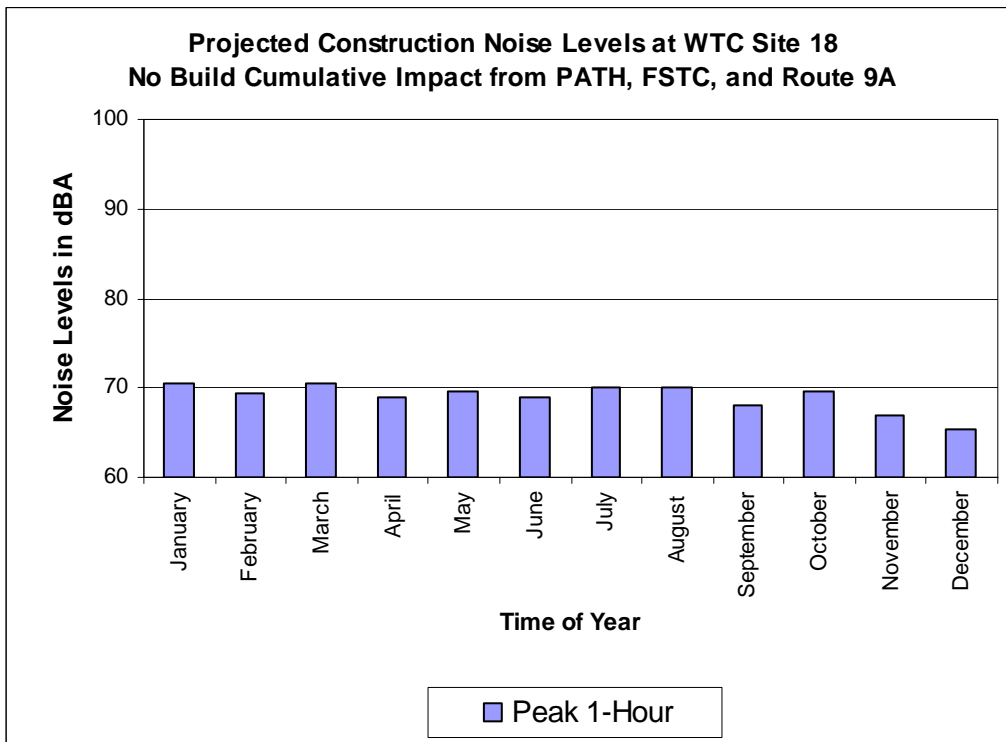
Projected Construction Noise Levels for No Action Alternative – 1 Hour Leq

Site 17				
Month	PATH	FSTC	9A	Peak 1-Hour
January	69	63	71	74
February	68	64	71	73
March	68	64	74	75
April	66	61	74	75
May	68	62	71	73
June	68	61	70	72
July	69	63	70	73
August	69	62	70	73
September	68	59	70	72
October	69	59	72	74
November	64	59	72	73
December	63	59	69	70



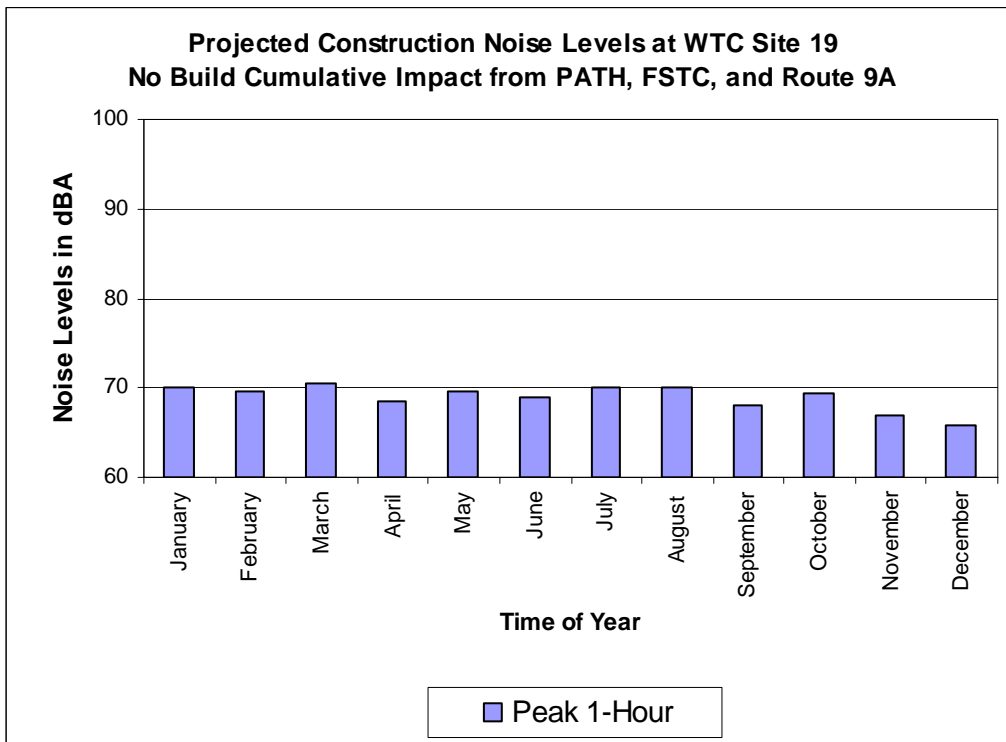
Projected Construction Noise Levels for No Action Alternative – 1 Hour Leq

Site 18				
Month	PATH	FSTC	9A	Peak 1-Hour
January	68	65	62	70
February	66	65	62	69
March	66	66	65	70
April	64	63	65	69
May	67	64	62	70
June	67	62	61	69
July	68	64	61	70
August	68	64	61	70
September	66	61	61	68
October	68	60	63	70
November	63	60	63	67
December	62	60	59	65



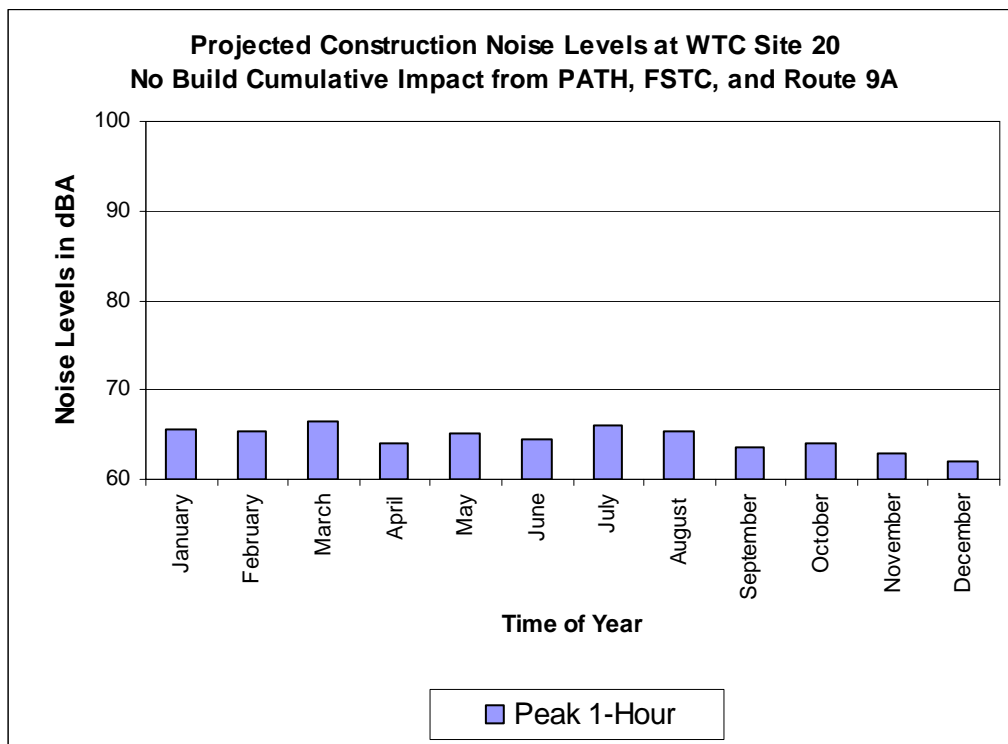
Projected Construction Noise Levels for No Action Alternative – 1 Hour Leq

Site 19				
Month	PATH	FSTC	9A	Peak 1-Hour
January	67	66	60	70
February	66	66	60	70
March	66	67	63	70
April	64	64	63	68
May	67	65	60	70
June	67	63	59	69
July	68	65	59	70
August	68	65	59	70
September	66	62	59	68
October	68	61	61	69
November	64	61	61	67
December	63	61	57	66



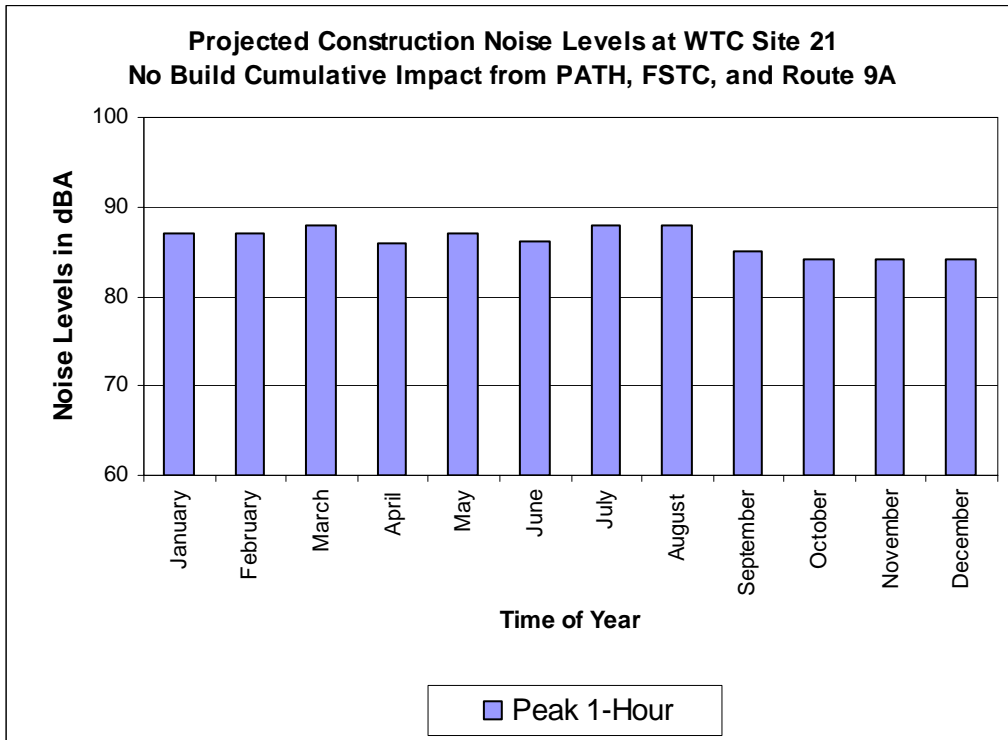
Projected Construction Noise Levels for No Action Alternative – 1 Hour Leq

Site 20				
Month	PATH	FSTC	9A	Peak 1-Hour
January	60	64	53	66
February	59	64	53	65
March	59	65	56	66
April	57	62	56	64
May	60	63	53	65
June	60	62	53	64
July	61	64	53	66
August	61	63	53	65
September	59	61	53	64
October	61	60	55	64
November	58	60	55	63
December	57	60	51	62



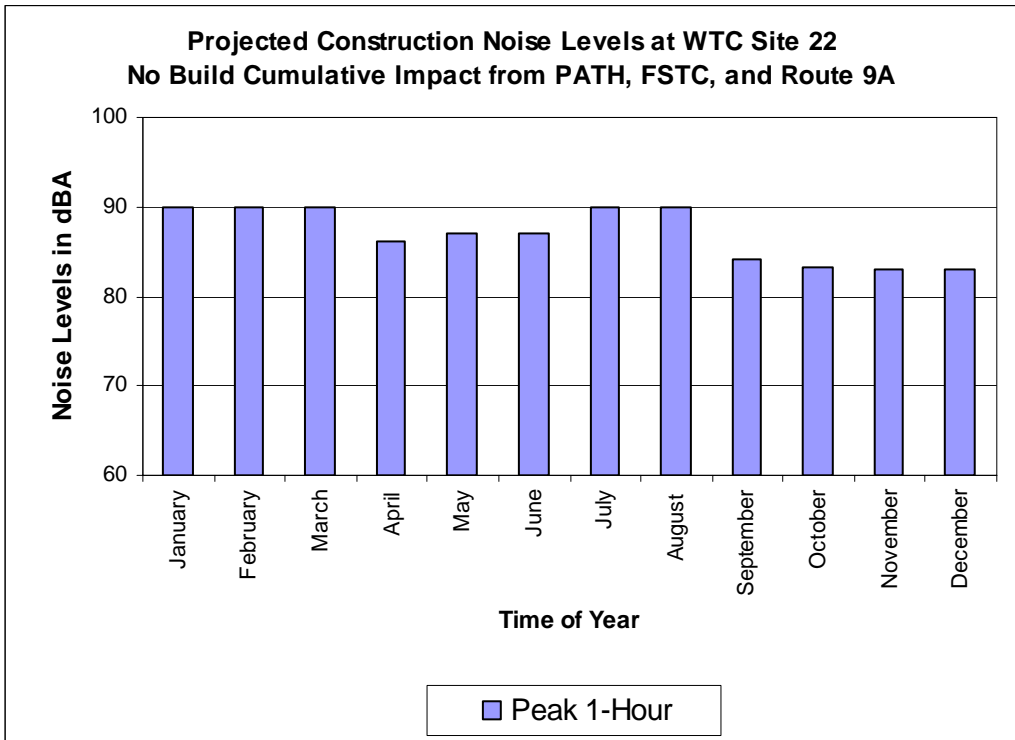
Projected Construction Noise Levels for No Action Alternative – 1 Hour Leq

Site 21				
Month	PATH	FSTC	9A	Peak 1-Hour
January	66	87	56	87
February	65	87	56	87
March	65	88	59	88
April	63	86	59	86
May	65	87	56	87
June	65	86	55	86
July	66	88	55	88
August	66	88	55	88
September	65	85	55	85
October	68	84	57	84
November	67	84	57	84
December	66	84	53	84



Projected Construction Noise Levels for No Action Alternative – 1 Hour Leq

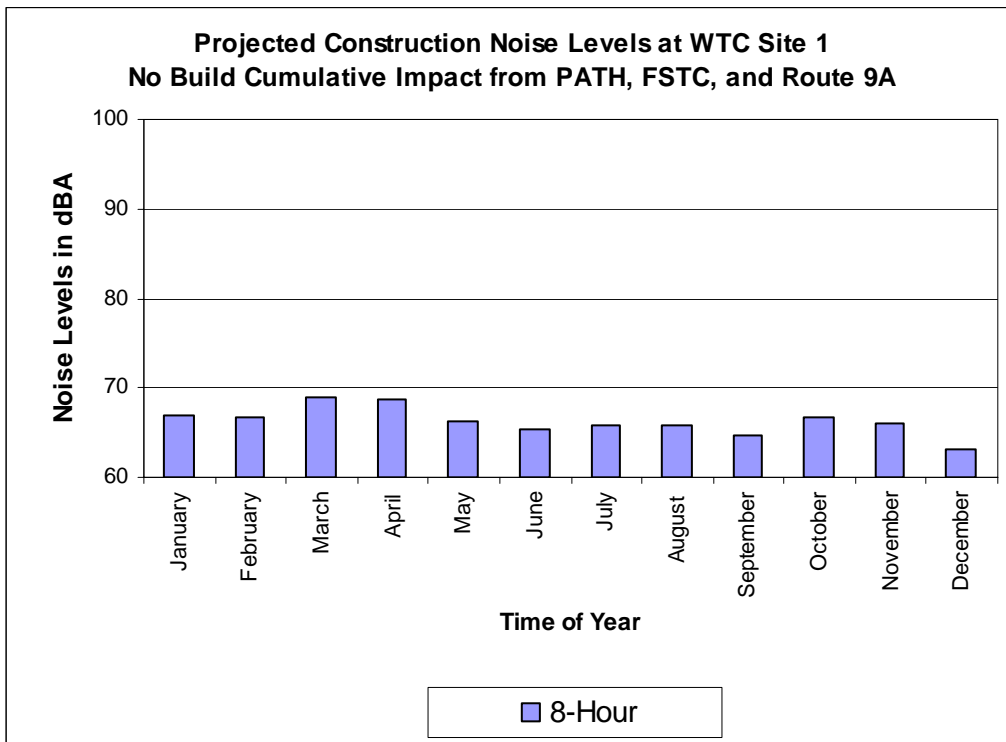
Site 22				
Month	PATH	FSTC	9A	Peak 1-Hour
January	67	90	57	90
February	66	90	57	90
March	66	90	59	90
April	65	86	59	86
May	67	87	56	87
June	67	87	56	87
July	68	90	56	90
August	68	90	56	90
September	66	84	56	84
October	69	83	58	83
November	67	83	58	83
December	67	83	54	83



**ANALYSIS YEAR 2006
NO ACTION ALTERNATIVE
STATIONARY SOURCES – 8 HOUR LEQ
SITES 1 - 22**

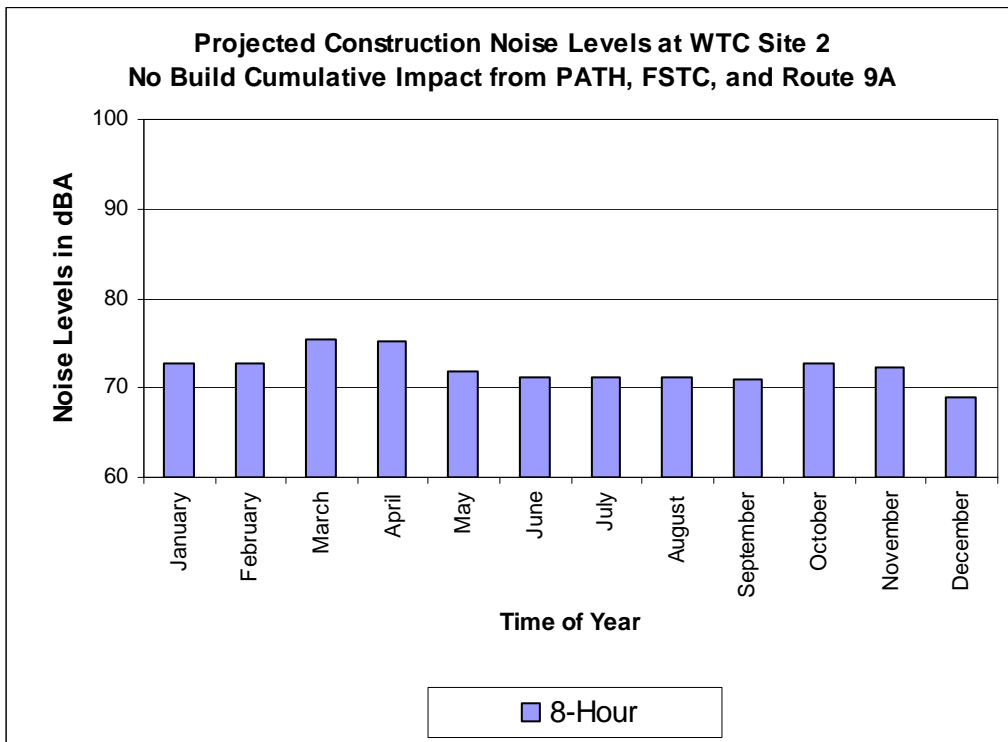
Projected Construction Noise Levels for No Action Alternative – 8 Hour Leq

Site 1				
Month	PATH	FSTC	9A	8-Hour
January	61	57	65	67
February	60	57	65	67
March	60	57	68	69
April	59	55	68	69
May	61	56	64	66
June	61	54	63	65
July	61	57	63	66
August	61	57	63	66
September	60	3	63	65
October	61	52	65	67
November	58	52	65	66
December	58	52	61	63



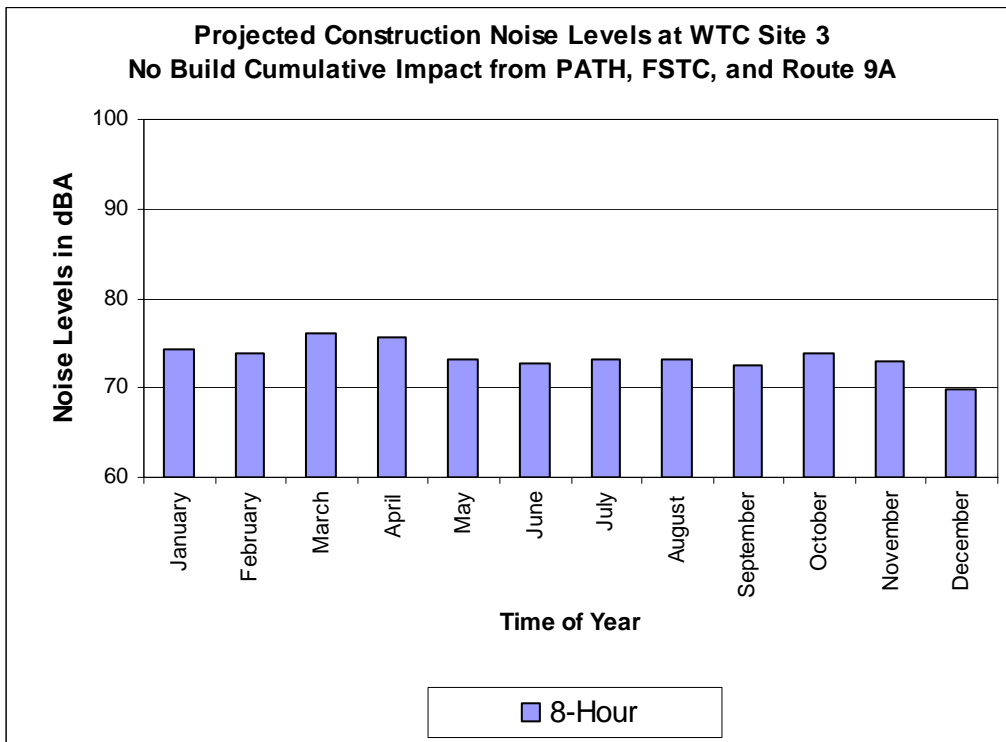
Projected Construction Noise Levels for No Action Alternative – 8 Hour Leq

Site 2				
Month	PATH	FSTC	9A	8-Hour
January	64	58	72	73
February	63	58	72	73
March	63	59	75	75
April	62	56	75	75
May	64	57	71	72
June	64	56	70	71
July	64	59	70	71
August	64	58	70	71
September	63	55	70	71
October	64	53	72	73
November	61	53	72	72
December	61	53	68	69



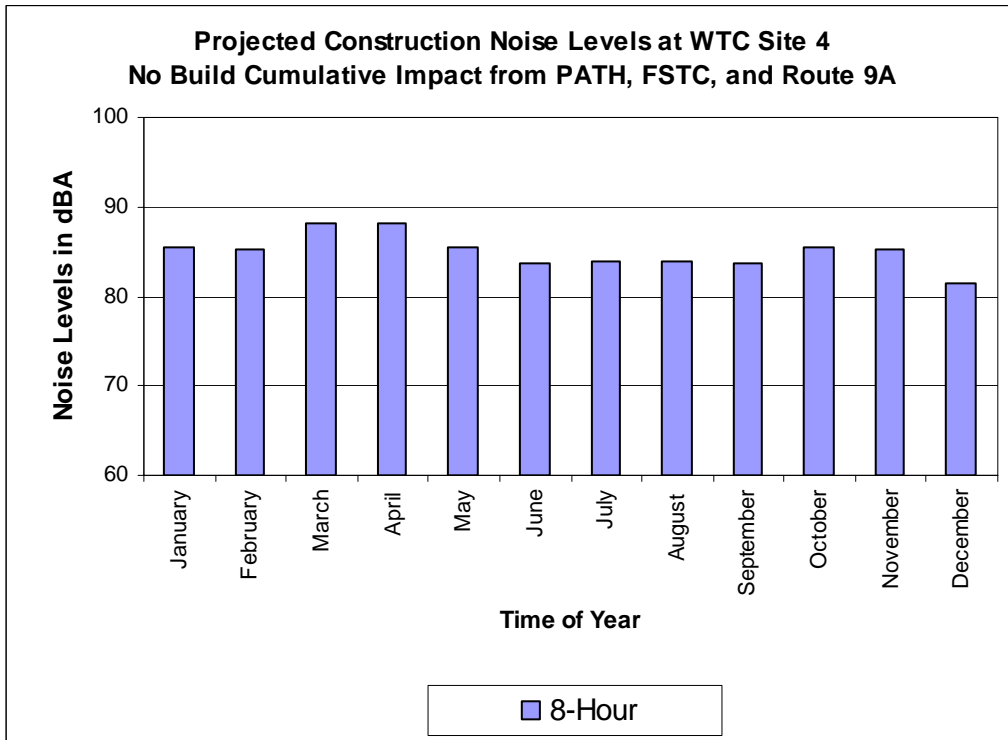
Projected Construction Noise Levels for No Action Alternative – 8 Hour Leq

Site 3				
Month	PATH	FSTC	9A	8-Hour
January	70	58	72	74
February	69	58	72	74
March	69	59	75	76
April	67	56	75	76
May	69	57	71	73
June	69	56	70	73
July	70	59	70	73
August	70	58	70	73
September	69	55	70	73
October	69	53	72	74
November	66	53	72	73
December	65	53	68	70



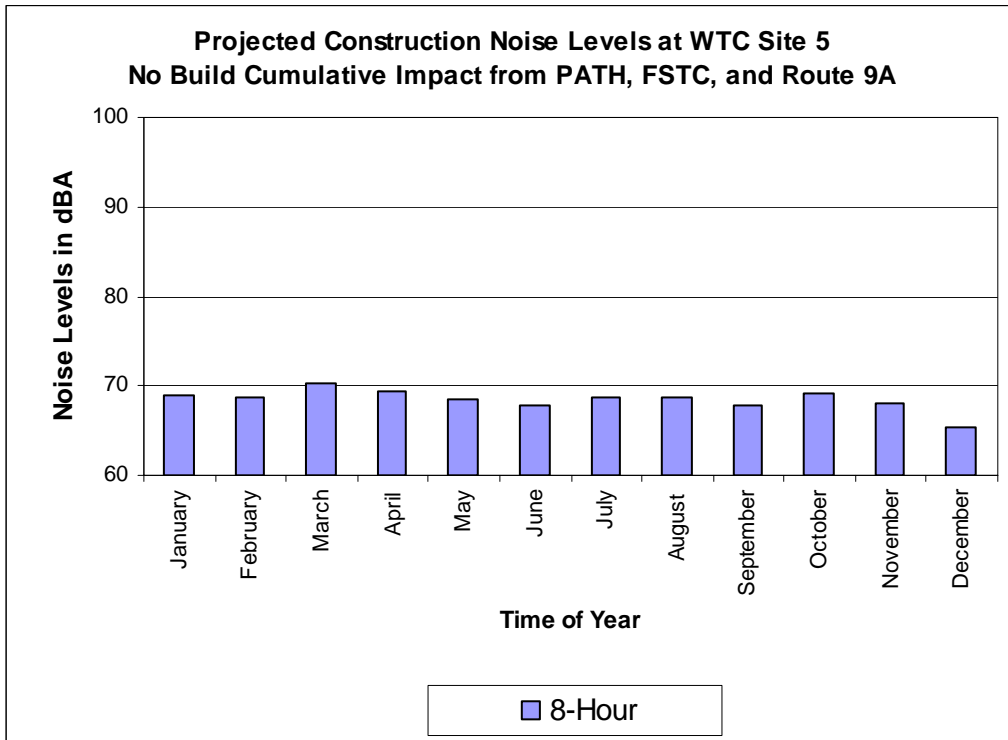
Projected Construction Noise Levels for No Action Alternative – 8 Hour Leq

Site 4				
Month	PATH	FSTC	9A	8-Hour
January	75	61	85	85
February	74	61	85	85
March	74	62	88	88
April	73	59	88	88
May	75	60	85	85
June	75	58	83	84
July	76	61	83	84
August	76	61	83	84
September	75	57	83	84
October	75	56	85	85
November	72	56	85	85
December	72	56	81	82



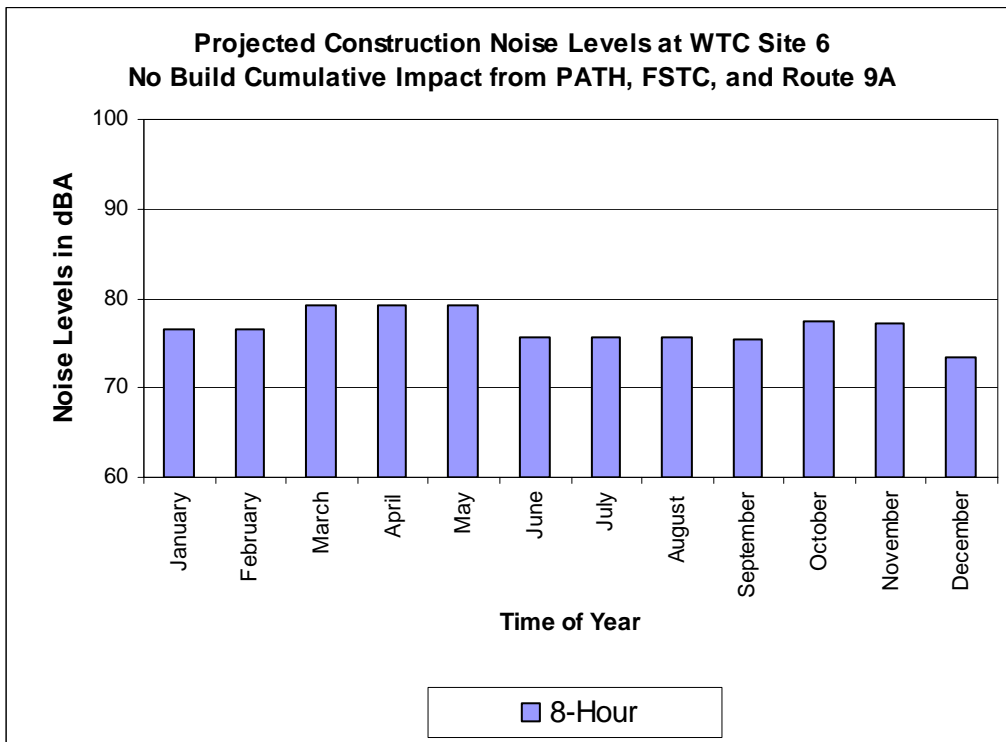
Projected Construction Noise Levels for No Action Alternative – 8 Hour Leq

Site 5				
Month	PATH	FSTC	9A	8-Hour
January	66	59	65	69
February	65	60	65	69
March	65	60	68	70
April	63	57	68	69
May	65	58	65	68
June	65	57	64	68
July	66	60	64	69
August	66	59	64	69
September	65	56	64	68
October	66	54	66	69
November	63	54	66	68
December	62	54	62	65



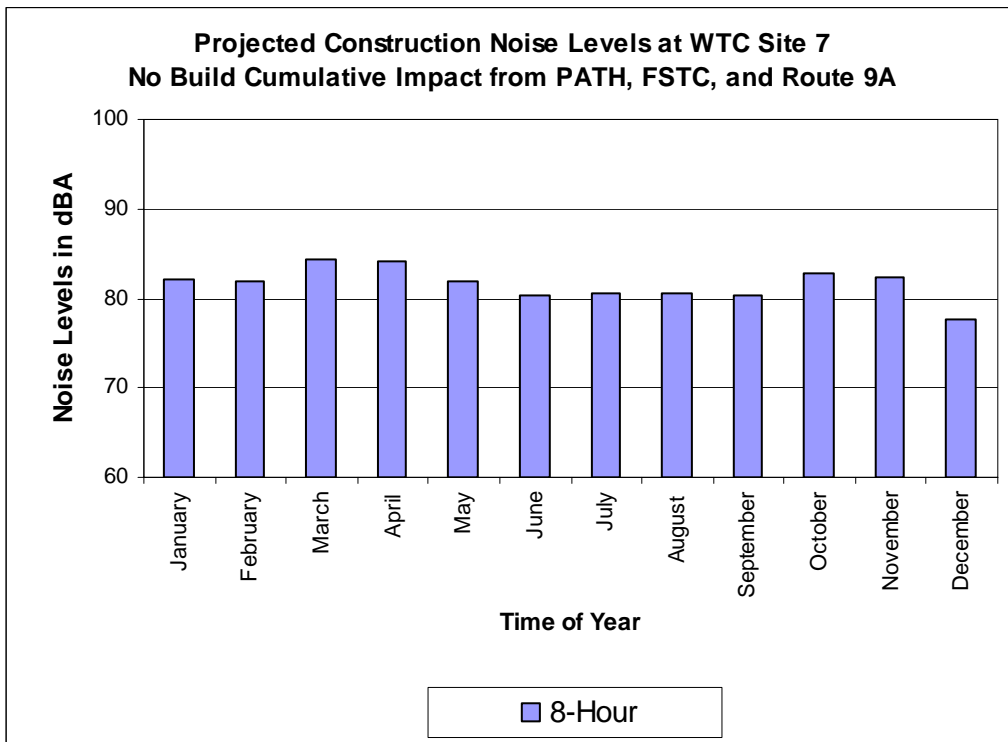
Projected Construction Noise Levels for No Action Alternative – 8 Hour Leq

Site 6				
Month	PATH	FSTC	9A	8-Hour
January	66	61	76	77
February	65	61	76	76
March	65	61	79	79
April	64	58	79	79
May	66	59	79	79
June	66	58	75	76
July	66	61	75	76
August	66	61	75	76
September	65	57	75	75
October	66	55	77	77
November	63	55	77	77
December	63	55	73	73



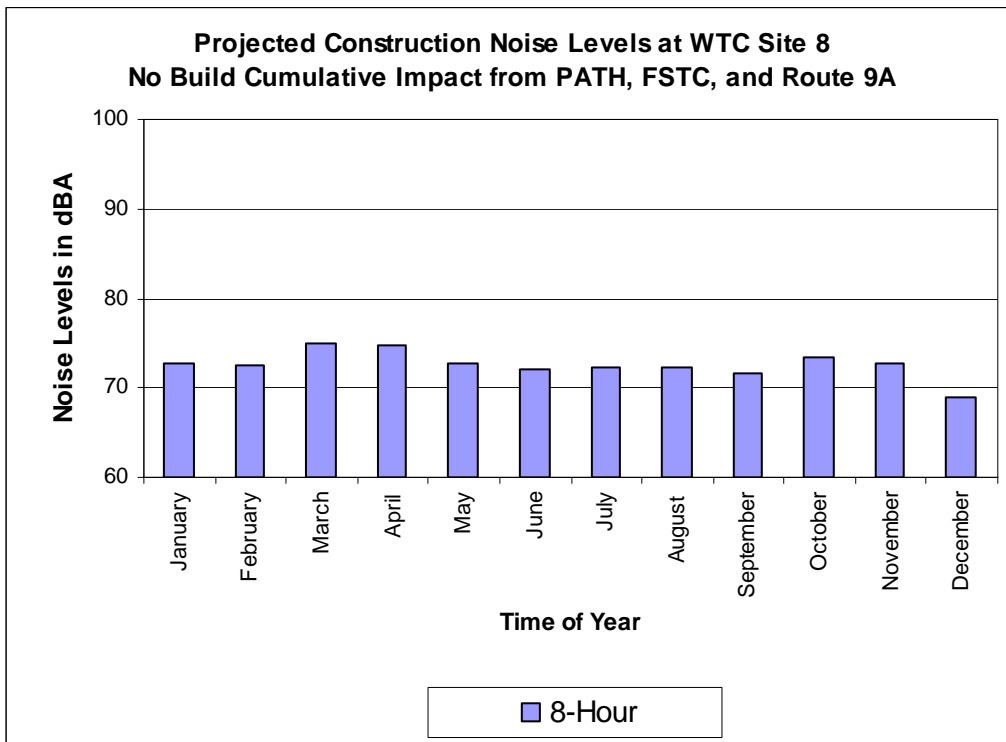
Projected Construction Noise Levels for No Action Alternative – 8 Hour Leq

Site 7				
Month	PATH	FSTC	9A	8-Hour
January	75	63	81	82
February	74	63	81	82
March	74	63	84	84
April	71	60	84	84
May	74	61	81	82
June	74	60	79	80
July	75	63	79	81
August	75	63	79	81
September	74	59	79	80
October	75	57	82	83
November	70	57	82	82
December	69	57	77	78



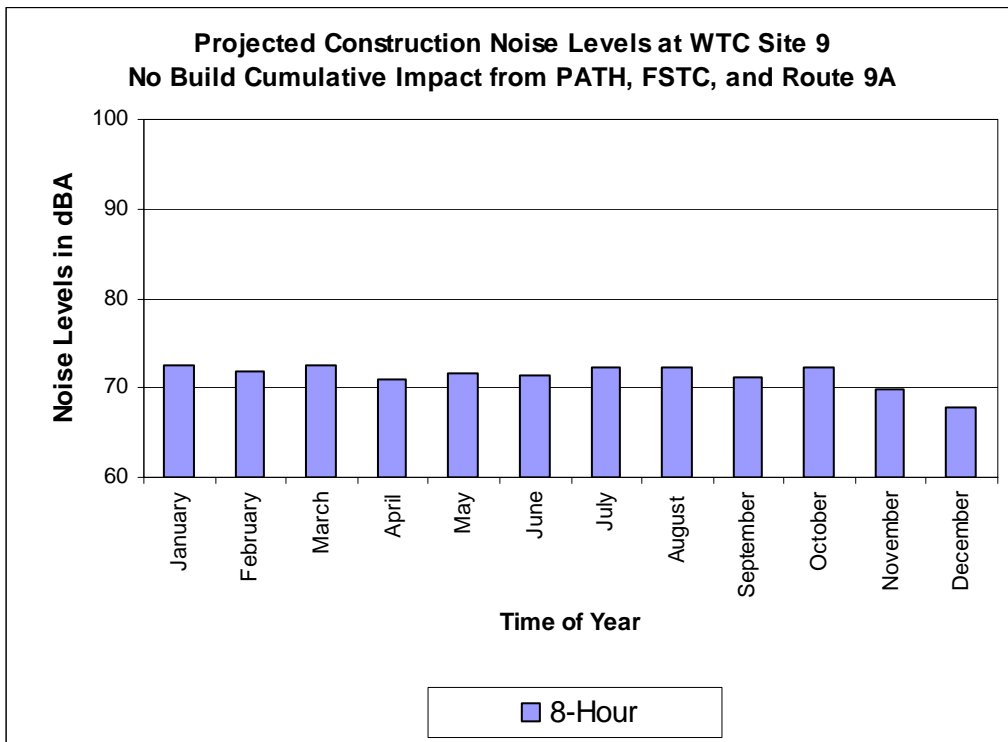
Projected Construction Noise Levels for No Action Alternative – 8 Hour Leq

Site 8				
Month	PATH	FSTC	9A	8-Hour
January	67	62	71	73
February	66	62	71	73
March	66	62	74	75
April	65	60	74	75
May	67	60	71	73
June	67	59	70	72
July	67	62	70	72
August	67	62	70	72
September	66	58	70	72
October	67	57	72	73
November	64	57	72	73
December	64	57	67	69



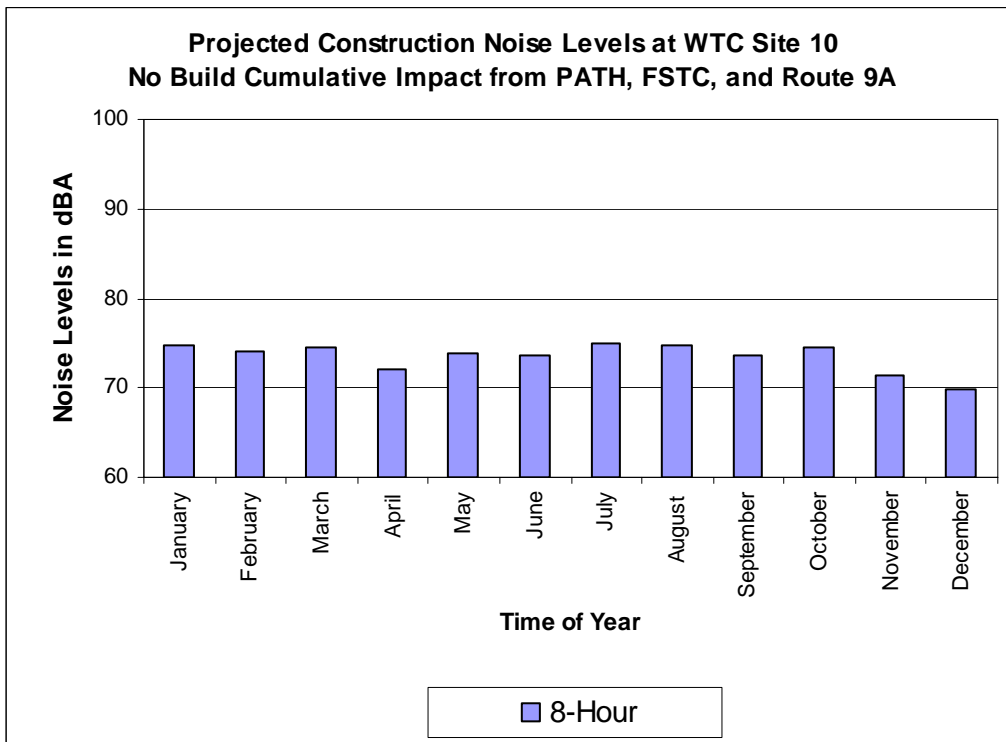
Projected Construction Noise Levels for No Action Alternative – 8 Hour Leq

Site 9				
Month	PATH	FSTC	9A	8-Hour
January	71	63	65	72
February	70	63	65	72
March	70	63	68	73
April	67	61	68	71
May	70	61	65	72
June	70	60	64	71
July	71	63	64	72
August	71	63	64	72
September	70	59	64	71
October	71	58	66	72
November	67	58	66	70
December	66	58	62	68



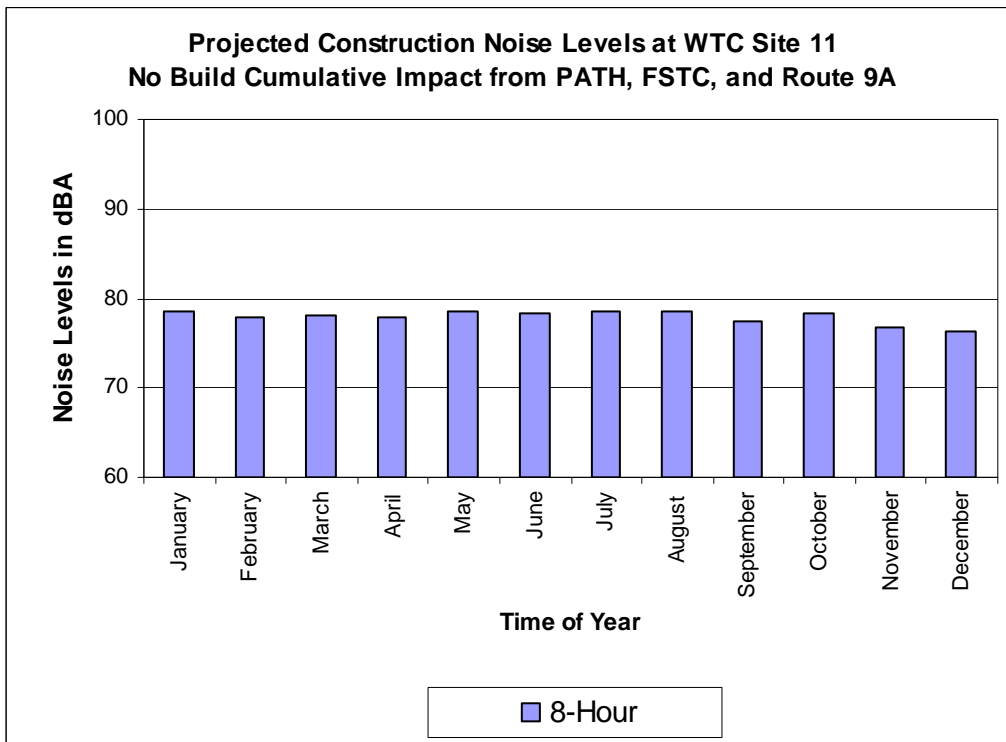
Projected Construction Noise Levels for No Action Alternative – 8 Hour Leq

Site 10				
Month	PATH	FSTC	9A	8-Hour
January	74	65	63	75
February	73	65	63	74
March	73	66	66	74
April	70	63	66	72
May	73	63	63	74
June	73	62	62	74
July	74	66	62	75
August	74	65	62	75
September	73	61	62	74
October	74	60	64	75
November	70	60	64	71
December	69	60	59	70



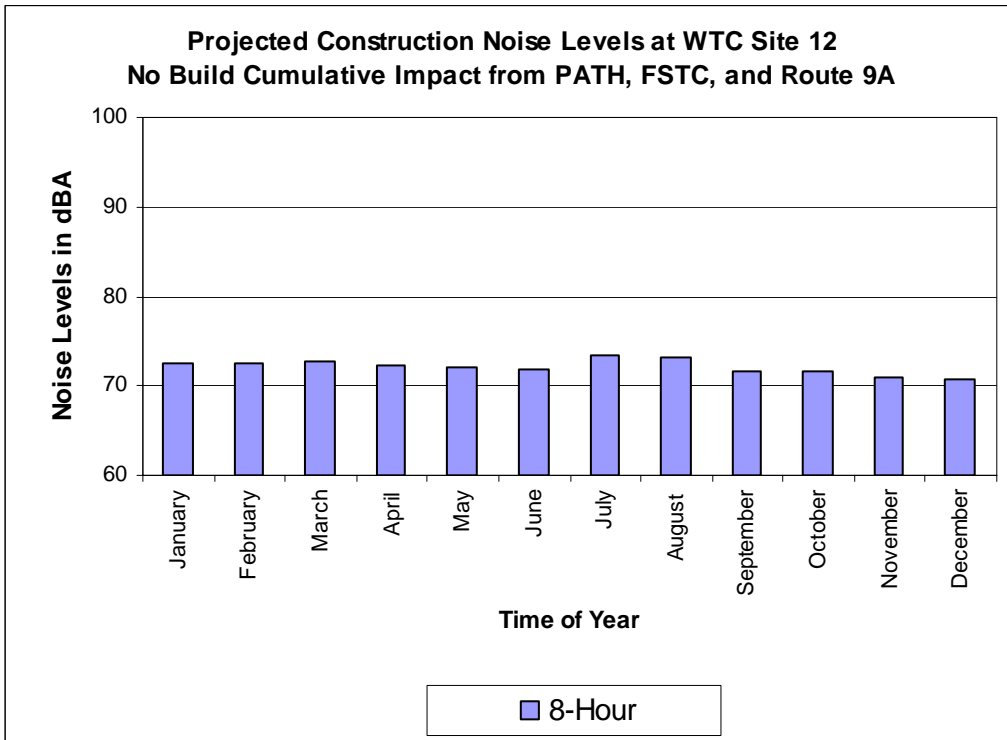
Projected Construction Noise Levels for No Action Alternative – 8 Hour Leq

Site 11				
Month	PATH	FSTC	9A	8-Hour
January	78	67	67	79
February	77	67	67	78
March	77	67	69	78
April	77	64	69	78
May	78	65	66	78
June	78	64	65	78
July	78	67	65	79
August	78	67	65	79
September	77	63	65	77
October	78	62	67	78
November	76	62	67	77
December	76	62	63	76



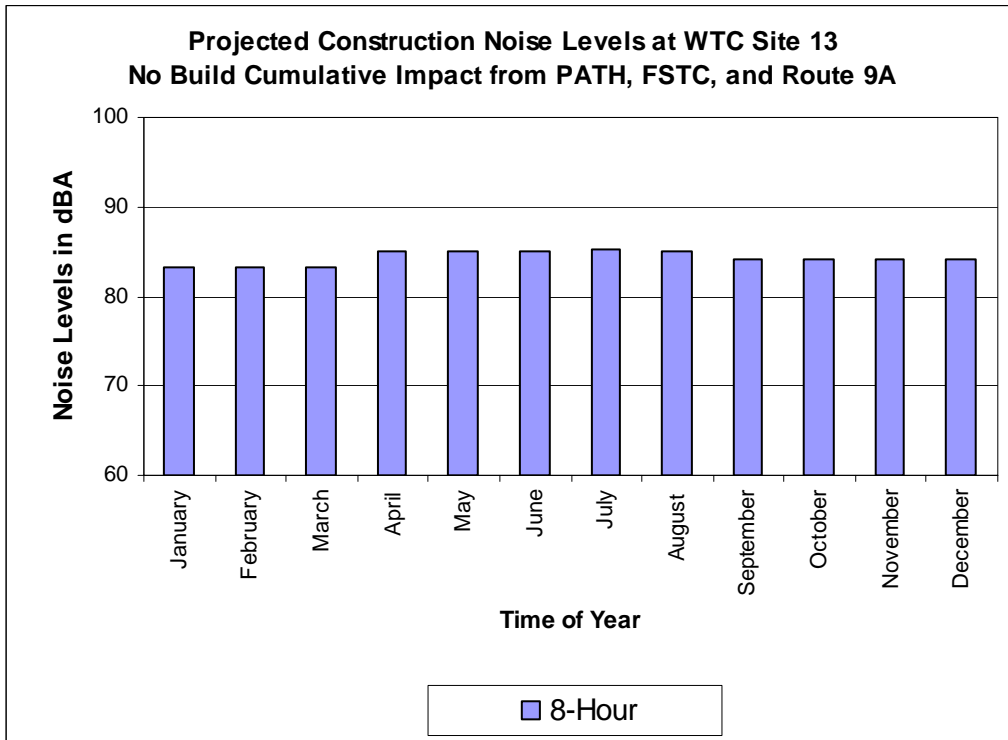
Projected Construction Noise Levels for No Action Alternative – 8 Hour Leq

Site 12				
Month	PATH	FSTC	9A	8-Hour
January	71	66	60	72
February	71	66	60	72
March	71	66	63	73
April	71	64	63	72
May	71	64	59	72
June	71	63	58	72
July	72	67	58	73
August	72	66	58	73
September	71	62	58	72
October	71	61	60	72
November	70	61	60	71
December	70	61	56	71



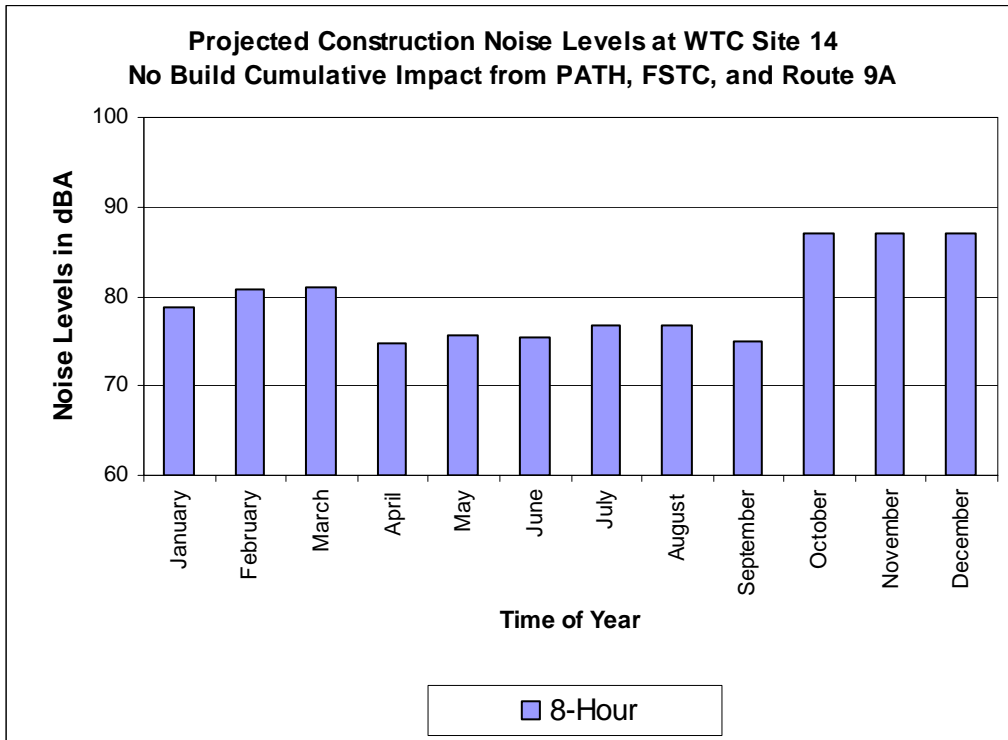
Projected Construction Noise Levels for No Action Alternative – 8 Hour Leq

Site 13				
Month	PATH	FSTC	9A	8-Hour
January	83	68	65	83
February	83	68	65	83
March	83	68	67	83
April	85	66	67	85
May	85	66	64	85
June	85	66	64	85
July	85	69	64	85
August	85	68	64	85
September	84	64	64	84
October	84	63	65	84
November	84	63	65	84
December	84	63	61	84



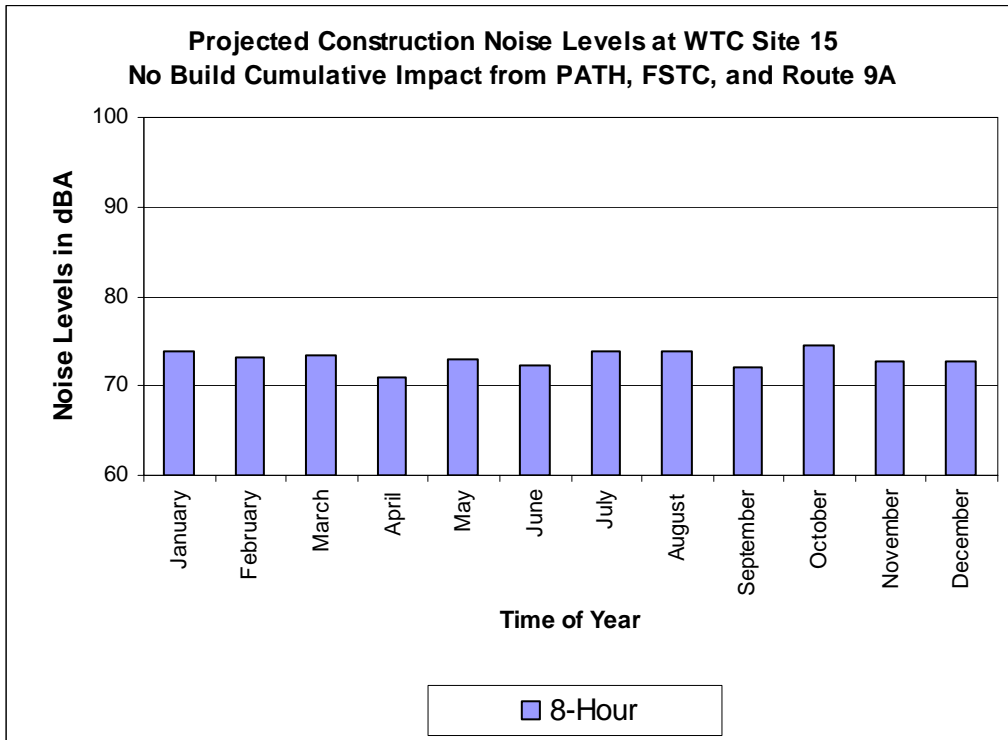
Projected Construction Noise Levels for No Action Alternative – 8 Hour Leq

Site 14				
Month	PATH	FSTC	9A	8-Hour
January	74	77	63	79
February	73	80	63	81
March	73	80	66	81
April	71	71	66	75
May	73	72	62	76
June	73	71	62	75
July	74	73	62	77
August	74	73	62	77
September	73	70	62	75
October	87	69	64	87
November	87	69	64	87
December	87	69	59	87



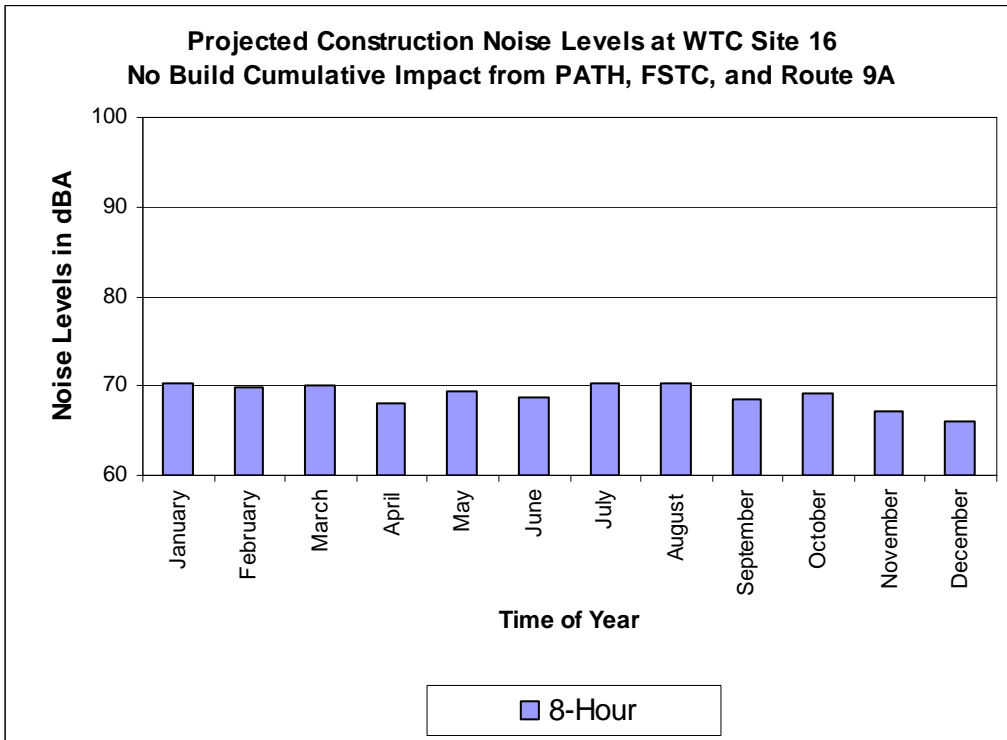
Projected Construction Noise Levels for No Action Alternative – 8 Hour Leq

Site 15				
Month	PATH	FSTC	9A	8-Hour
January	72	69	57	74
February	71	69	57	73
March	71	69	60	73
April	68	67	60	71
May	71	68	57	73
June	71	66	56	72
July	72	69	56	74
August	72	69	56	74
September	71	65	56	72
October	74	64	58	75
November	72	64	58	73
December	72	64	53	73



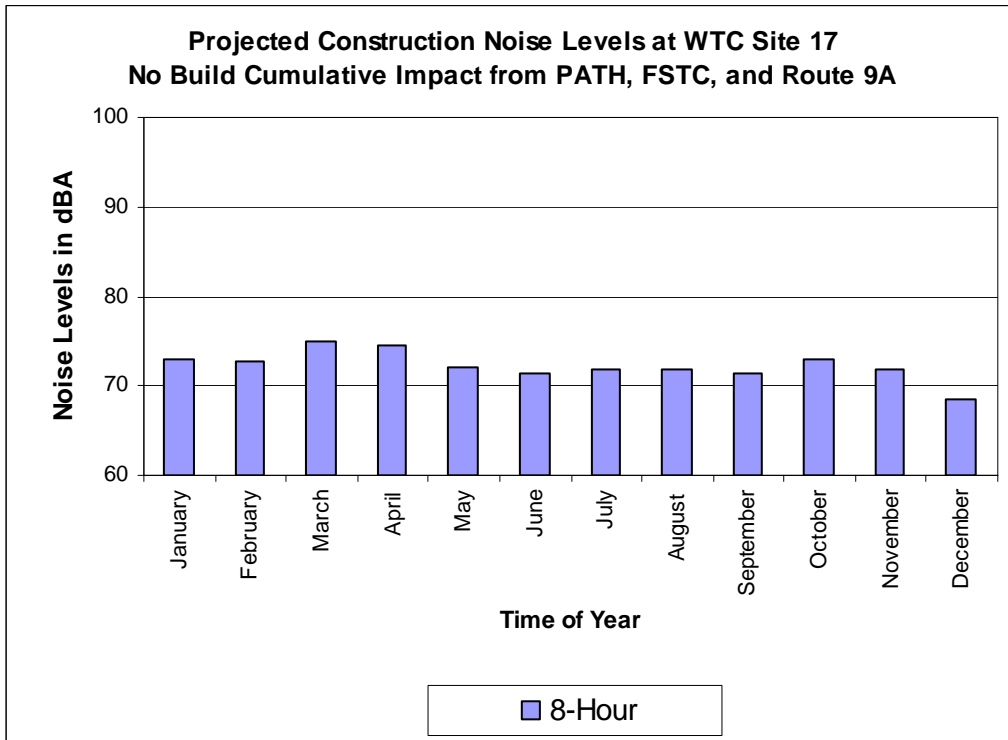
Projected Construction Noise Levels for No Action Alternative – 8 Hour Leq

Site 16				
Month	PATH	FSTC	9A	8-Hour
January	68	66	58	70
February	67	66	58	70
March	67	66	61	70
April	64	64	61	68
May	67	65	58	69
June	67	63	57	69
July	68	66	57	70
August	68	66	57	70
September	67	62	57	69
October	68	61	59	69
November	65	61	59	67
December	64	61	54	66



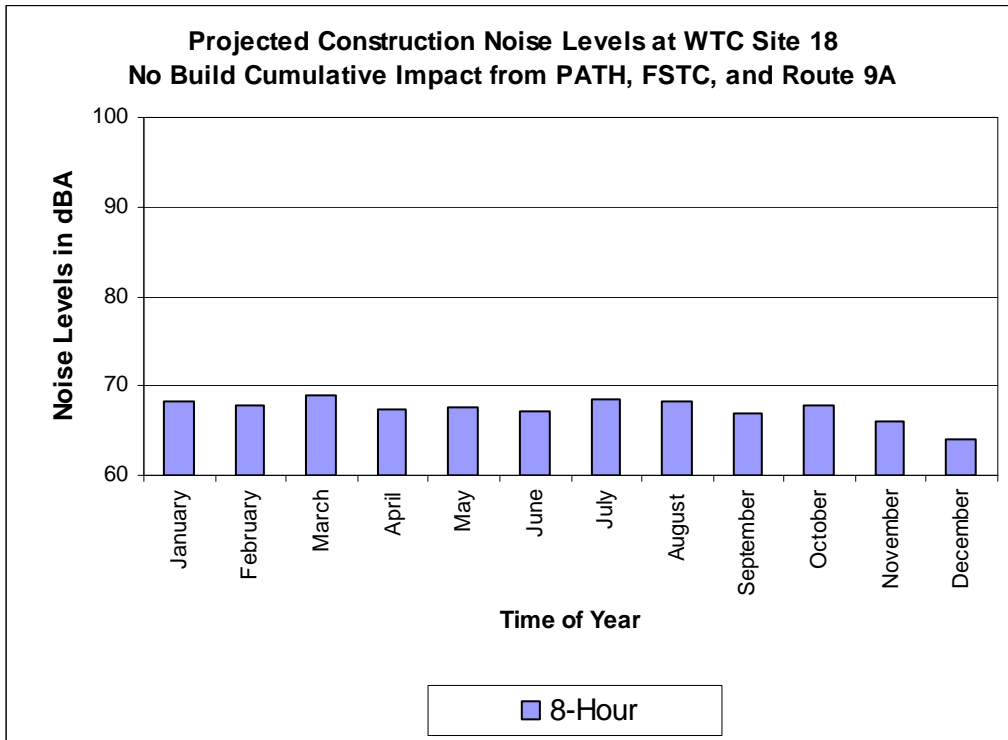
Projected Construction Noise Levels for No Action Alternative – 8 Hour Leq

Site 17				
Month	PATH	FSTC	9A	8-Hour
January	68	61	71	73
February	67	61	71	73
March	67	61	74	75
April	64	59	74	75
May	67	59	70	72
June	67	58	69	71
July	68	61	69	72
August	68	61	69	72
September	67	57	69	71
October	68	56	71	73
November	63	56	71	72
December	62	56	67	68



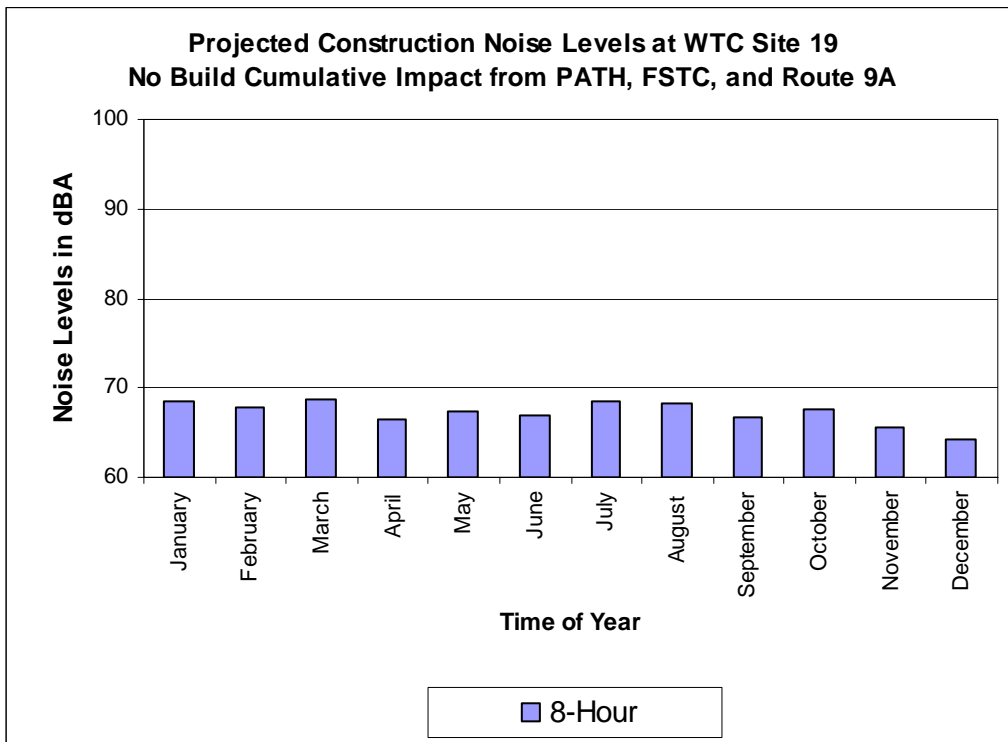
Projected Construction Noise Levels for No Action Alternative – 8 Hour Leq

Site 18				
Month	PATH	FSTC	9A	8-Hour
January	66	62	61	68
February	65	62	61	68
March	65	63	64	69
April	63	60	64	67
May	65	61	61	68
June	65	60	60	67
July	66	63	60	68
August	66	62	60	68
September	65	59	60	67
October	66	57	62	68
November	63	57	62	66
December	62	57	57	64



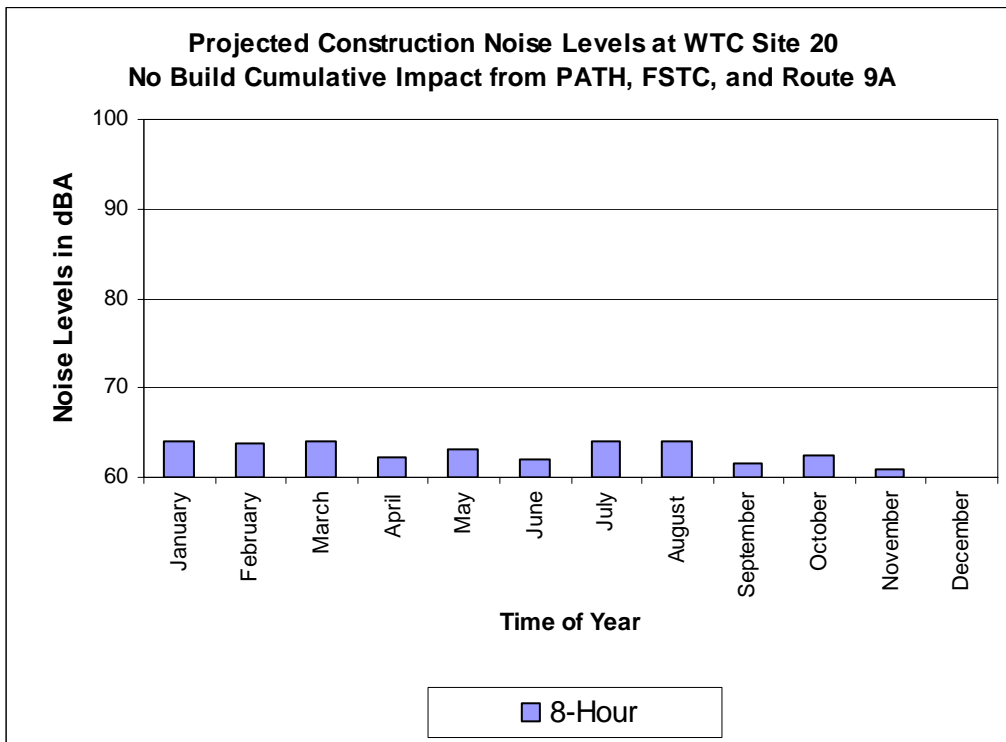
Projected Construction Noise Levels for No Action Alternative – 8 Hour Leq

Site 19				
Month	PATH	FSTC	9A	8-Hour
January	66	63	60	68
February	65	63	60	68
March	65	64	62	69
April	62	61	62	66
May	65	62	59	67
June	65	61	58	67
July	66	64	58	69
August	66	63	58	68
September	65	60	58	67
October	66	58	60	67
November	63	58	60	66
December	62	58	56	64



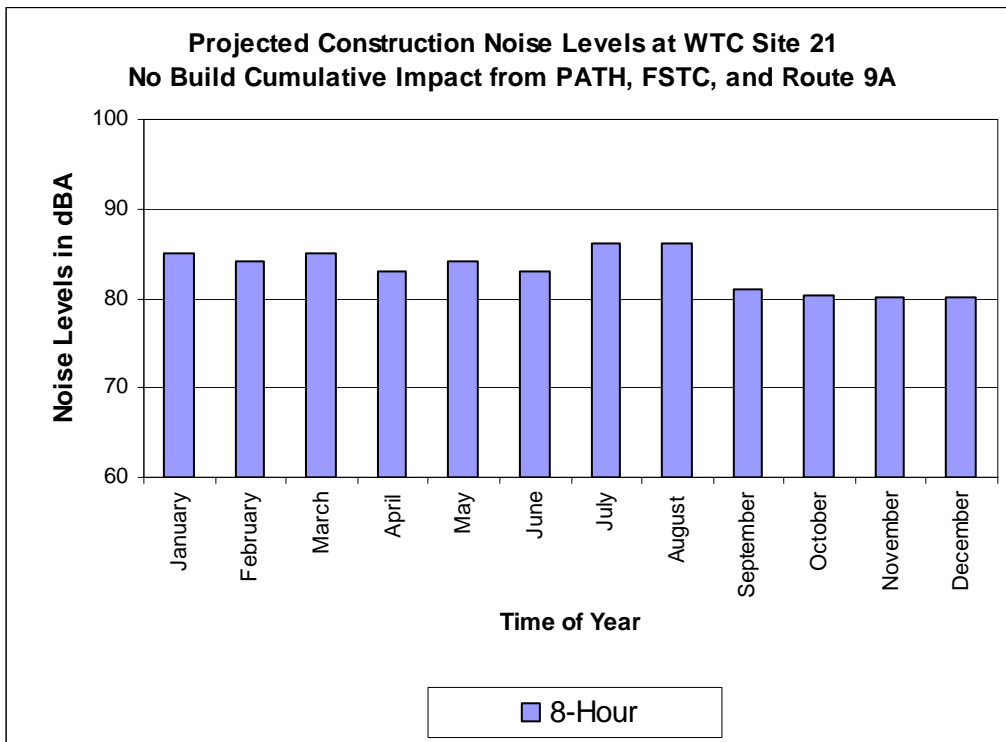
Projected Construction Noise Levels for No Action Alternative – 8 Hour Leq

Site 20				
Month	PATH	FSTC	9A	8-Hour
January	59	62	53	64
February	58	62	53	64
March	58	62	55	64
April	56	60	55	62
May	58	61	52	63
June	58	59	52	62
July	59	62	52	64
August	59	62	52	64
September	58	58	52	62
October	60	57	54	62
November	57	57	54	61
December	56	57	49	60



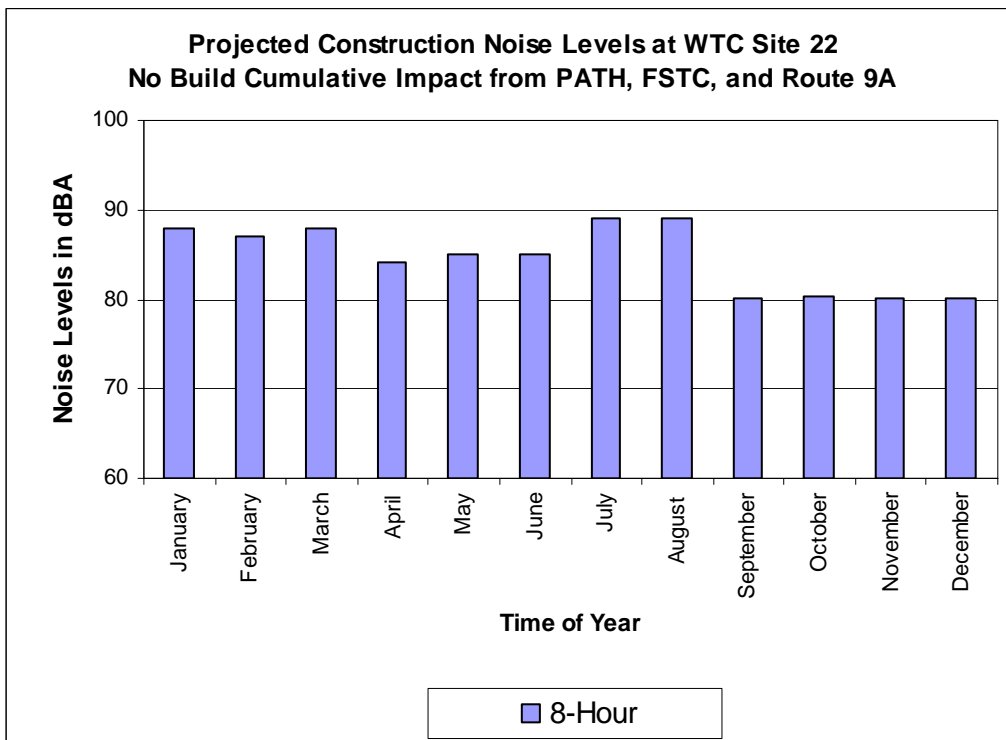
Projected Construction Noise Levels for No Action Alternative – 8 Hour Leq

Site 21				
Month	PATH	FSTC	9A	8-Hour
January	64	85	55	85
February	63	84	55	84
March	63	85	58	85
April	61	83	58	83
May	64	84	55	84
June	64	83	55	83
July	65	86	55	86
August	65	86	55	86
September	63	81	55	81
October	67	80	56	80
November	66	80	56	80
December	65	80	51	80



Projected Construction Noise Levels for No Action Alternative – 8 Hour Leq

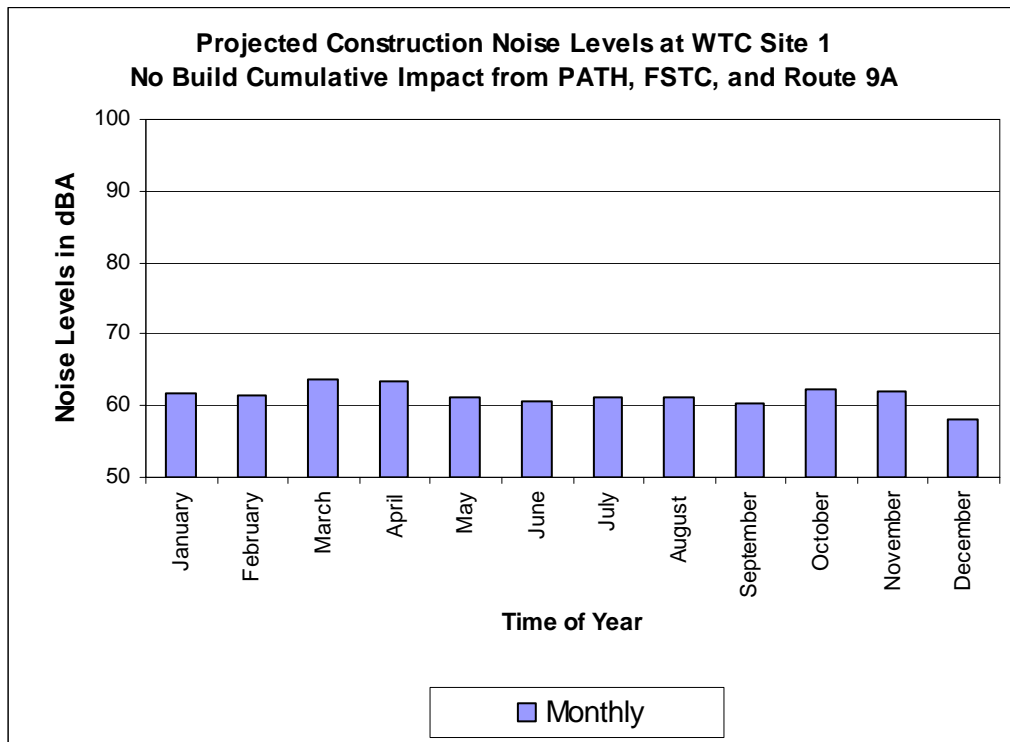
Site 22				
Month	PATH	FSTC	9A	8-Hour
January	66	88	56	88
February	65	87	56	87
March	65	88	59	88
April	64	84	59	84
May	65	85	55	85
June	65	85	55	85
July	66	89	55	89
August	66	89	55	89
September	65	80	55	80
October	68	80	57	80
November	66	80	57	80
December	66	80	52	80



ANALYSIS YEAR 2006
NO ACTION ALTERNATIVE
STATIONARY SOURCES – 30 DAY LEQ
SITES 1 - 22

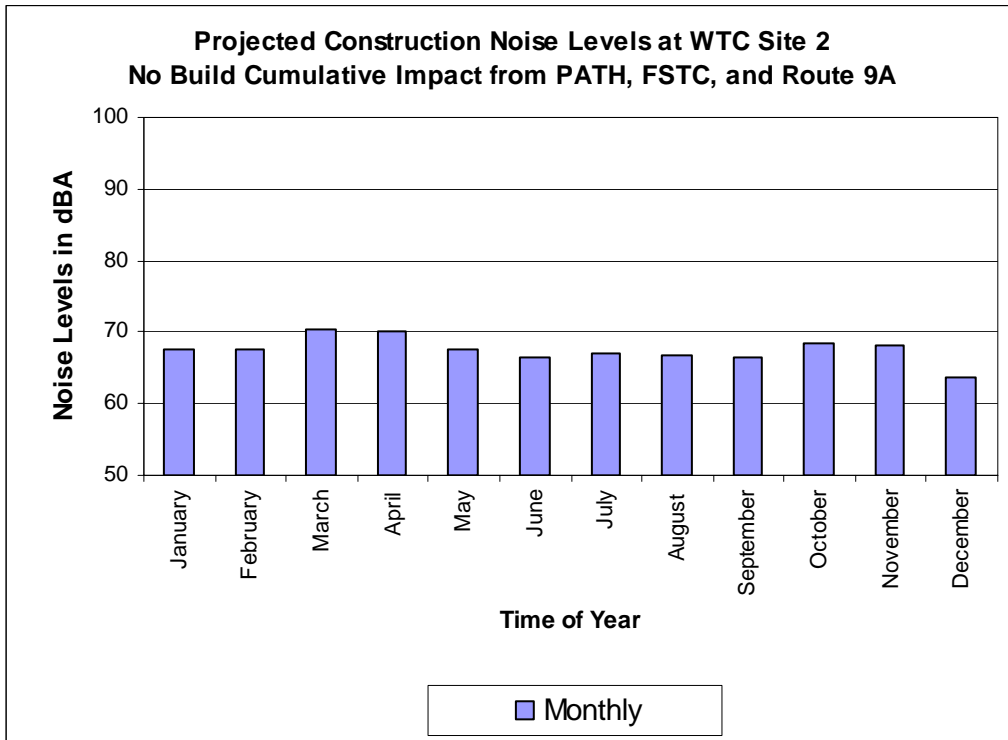
Projected Construction Noise Levels for No Action Alternative – 30 Day Leq

Site 1				
Month	PATH	FSTC	9A	Monthly
January	55	52	60	62
February	54	52	60	61
March	54	52	63	64
April	52	49	63	63
May	54	50	60	61
June	54	49	59	61
July	56	49	59	61
August	56	49	59	61
September	54	47	59	60
October	56	45	61	62
November	54	45	61	62
December	53	45	56	58



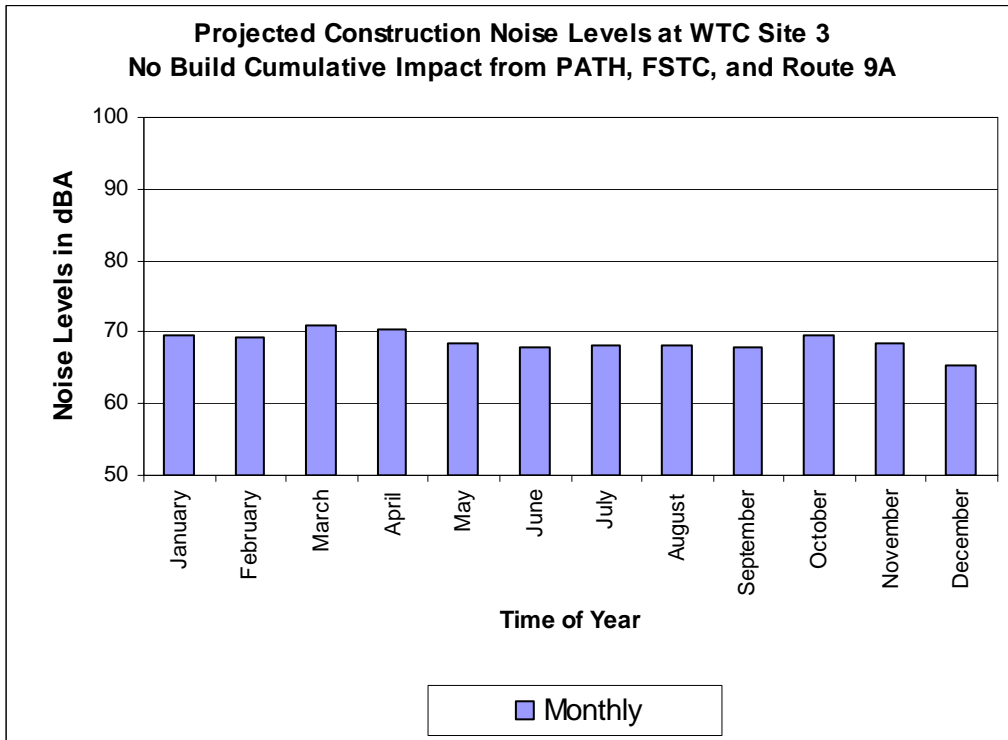
Projected Construction Noise Levels for No Action Alternative – 30 Day Leq

Site 2				
Month	PATH	FSTC	9A	Monthly
January	58	53	67	68
February	57	53	67	68
March	57	54	70	70
April	55	51	70	70
May	57	51	67	68
June	57	50	66	67
July	59	51	66	67
August	59	50	66	67
September	57	48	66	67
October	58	46	68	68
November	54	46	68	68
December	54	46	63	64



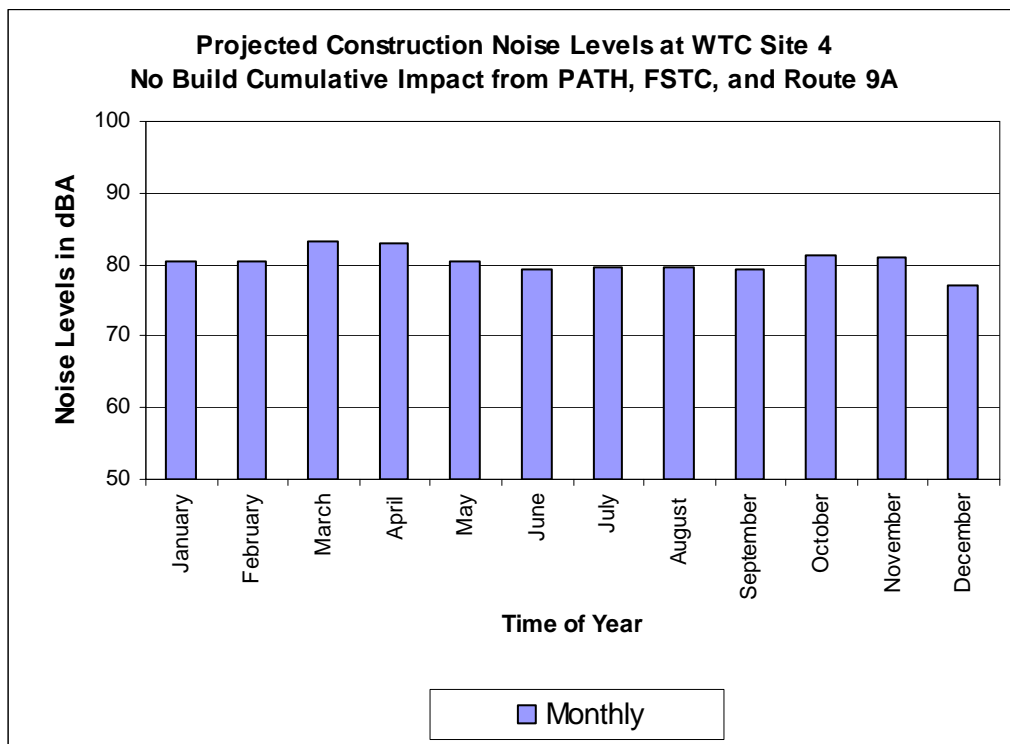
Projected Construction Noise Levels for No Action Alternative – 30 Day Leq

Site 3				
Month	PATH	FSTC	9A	Monthly
January	64	53	68	70
February	63	53	68	69
March	63	54	70	71
April	60	51	70	70
May	63	51	67	69
June	63	50	66	68
July	64	50	66	68
August	64	50	66	68
September	63	48	66	68
October	64	46	68	69
November	59	46	68	69
December	59	46	64	65



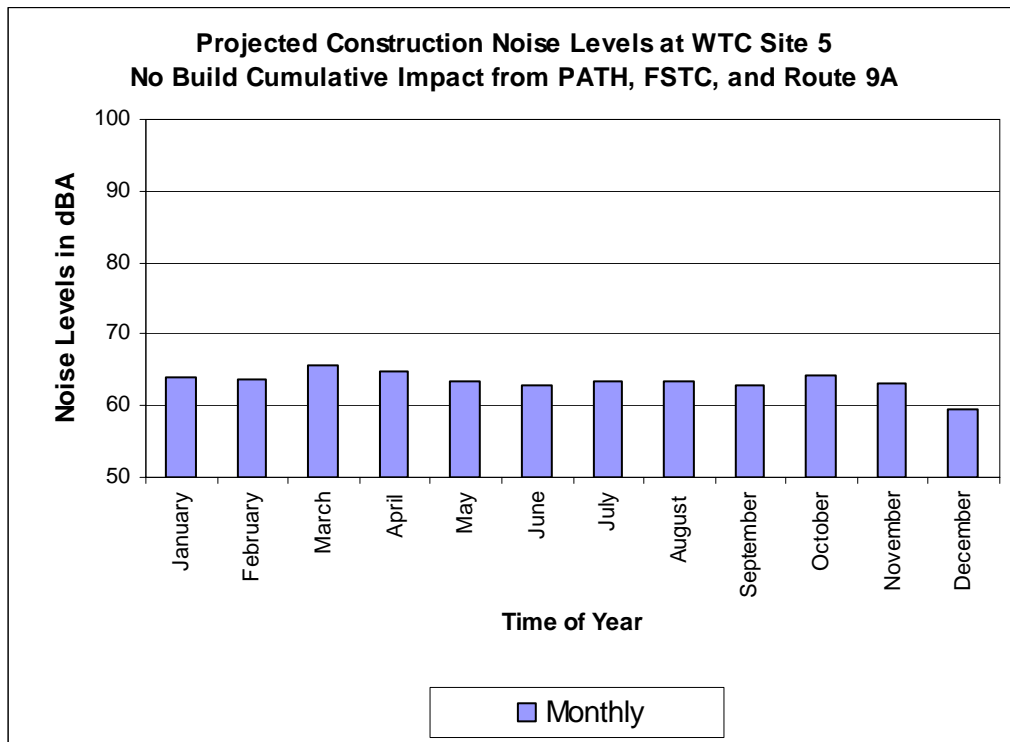
Projected Construction Noise Levels for No Action Alternative – 30 Day Leq

Site 4				
Month	PATH	FSTC	9A	Monthly
January	70	56	80	80
February	69	56	80	80
March	69	57	83	83
April	66	53	83	83
May	69	54	80	80
June	69	53	79	79
July	70	53	79	80
August	70	53	79	80
September	69	50	79	79
October	70	49	81	81
November	65	49	81	81
December	64	49	77	77



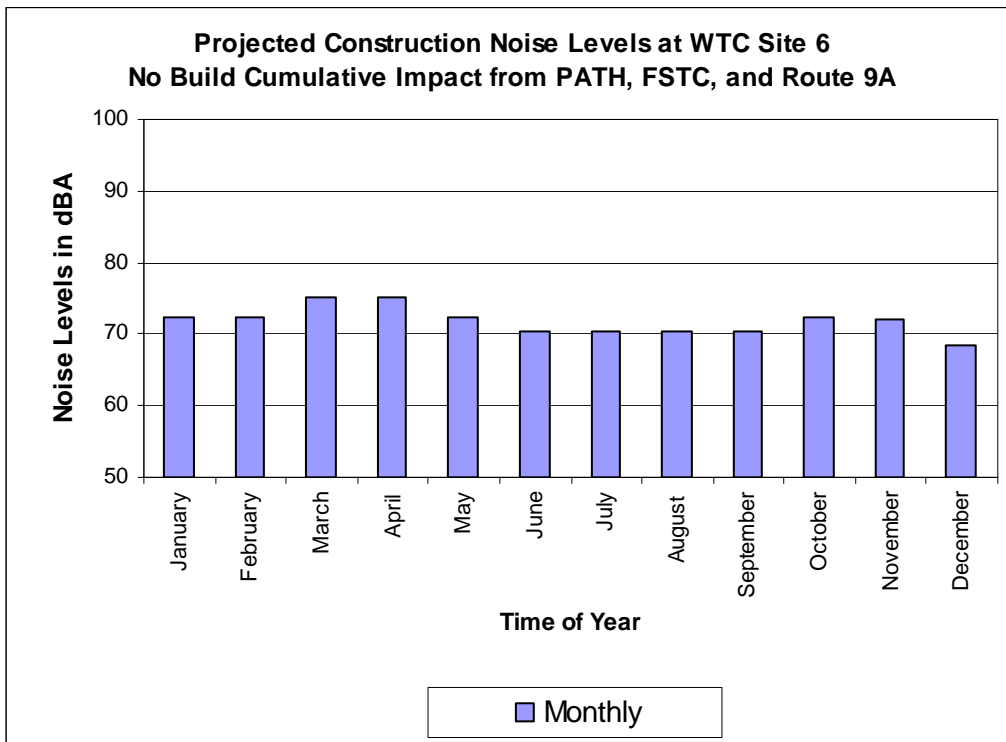
Projected Construction Noise Levels for No Action Alternative – 30 Day Leq

Site 5				
Month	PATH	FSTC	9A	Monthly
January	60	54	61	64
February	59	54	61	64
March	59	55	64	66
April	56	52	64	65
May	59	52	61	63
June	59	51	60	63
July	60	52	60	63
August	60	51	60	63
September	59	49	60	63
October	60	47	62	64
November	56	47	62	63
December	55	47	57	59



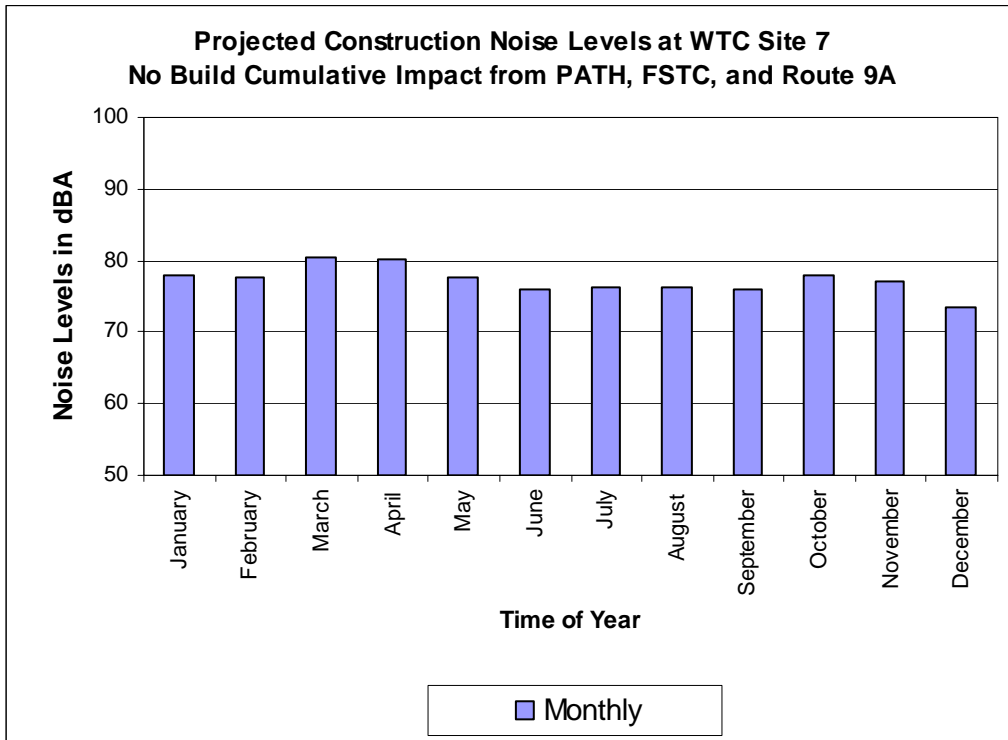
Projected Construction Noise Levels for No Action Alternative – 30 Day Leq

Site 6				
Month	PATH	FSTC	9A	Monthly
January	60	55	72	72
February	59	56	72	72
March	59	56	75	75
April	57	53	75	75
May	59	53	72	72
June	59	53	70	70
July	60	53	70	70
August	60	52	70	70
September	59	50	70	70
October	60	48	72	72
November	56	48	72	72
December	56	48	68	68



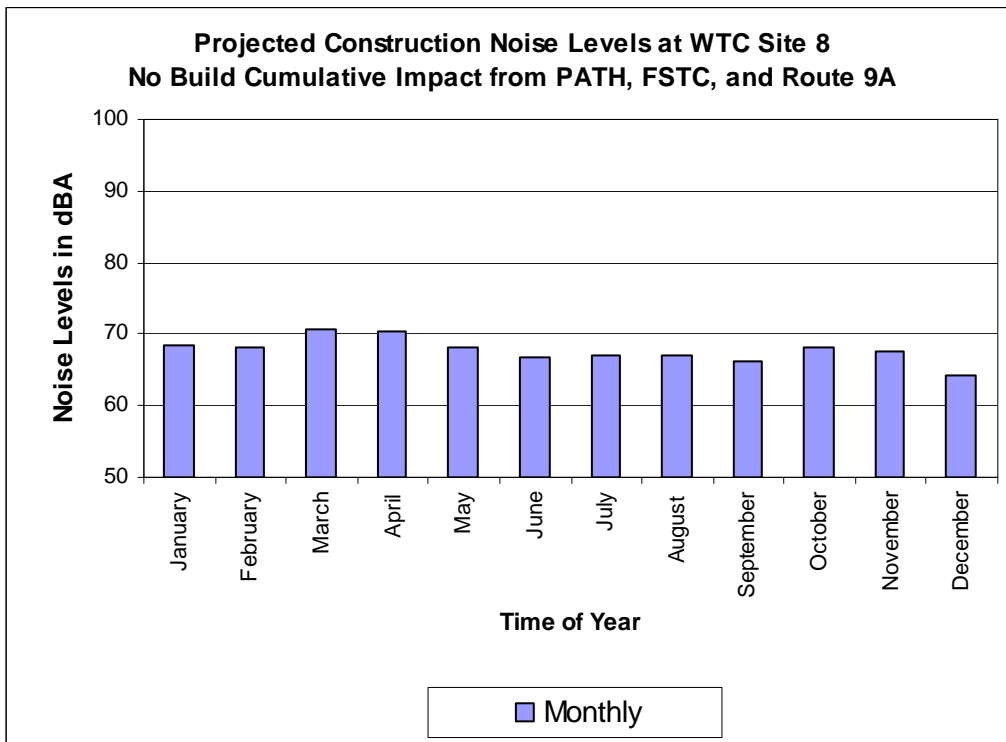
Projected Construction Noise Levels for No Action Alternative – 30 Day Leq

Site 7				
Month	PATH	FSTC	9A	Monthly
January	70	57	77	78
February	69	58	77	78
March	69	58	80	80
April	65	55	80	80
May	69	55	77	78
June	69	55	75	76
July	70	55	75	76
August	70	54	75	76
September	69	50	75	76
October	70	50	77	78
November	64	50	77	77
December	63	50	73	73



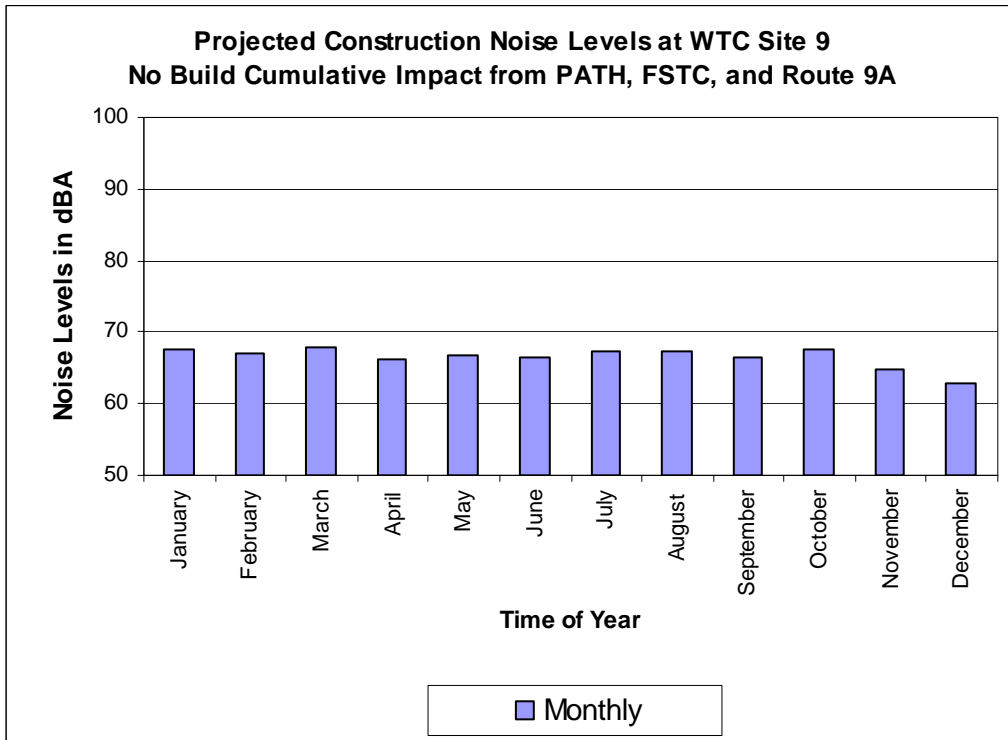
Projected Construction Noise Levels for No Action Alternative – 30 Day Leq

Site 8				
Month	PATH	FSTC	9A	Monthly
January	61	57	67	68
February	60	57	67	68
March	60	57	70	71
April	58	54	70	70
May	61	55	67	68
June	61	54	65	67
July	62	54	65	67
August	62	54	65	67
September	60	51	65	66
October	62	50	67	68
November	57	50	67	67
December	57	50	63	64



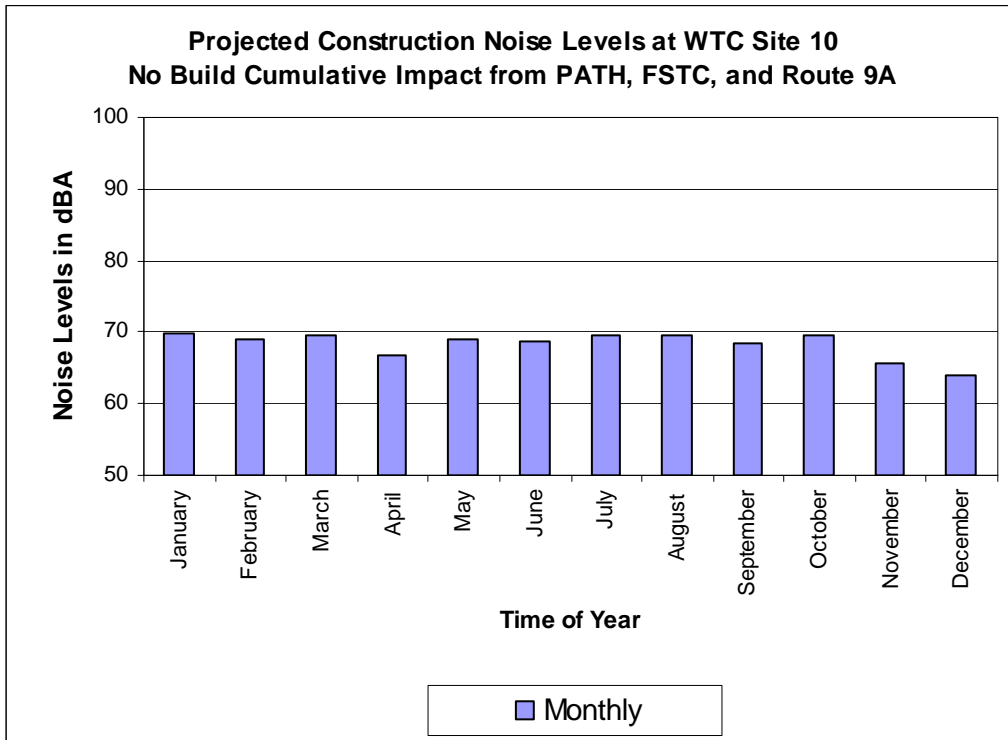
Projected Construction Noise Levels for No Action Alternative – 30 Day Leq

Site 9				
Month	PATH	FSTC	9A	Monthly
January	66	58	61	68
February	65	58	61	67
March	65	58	64	68
April	61	55	64	66
May	65	56	61	67
June	65	55	60	67
July	66	55	60	67
August	66	55	60	67
September	65	53	60	66
October	66	51	62	68
November	61	51	62	65
December	61	51	57	63



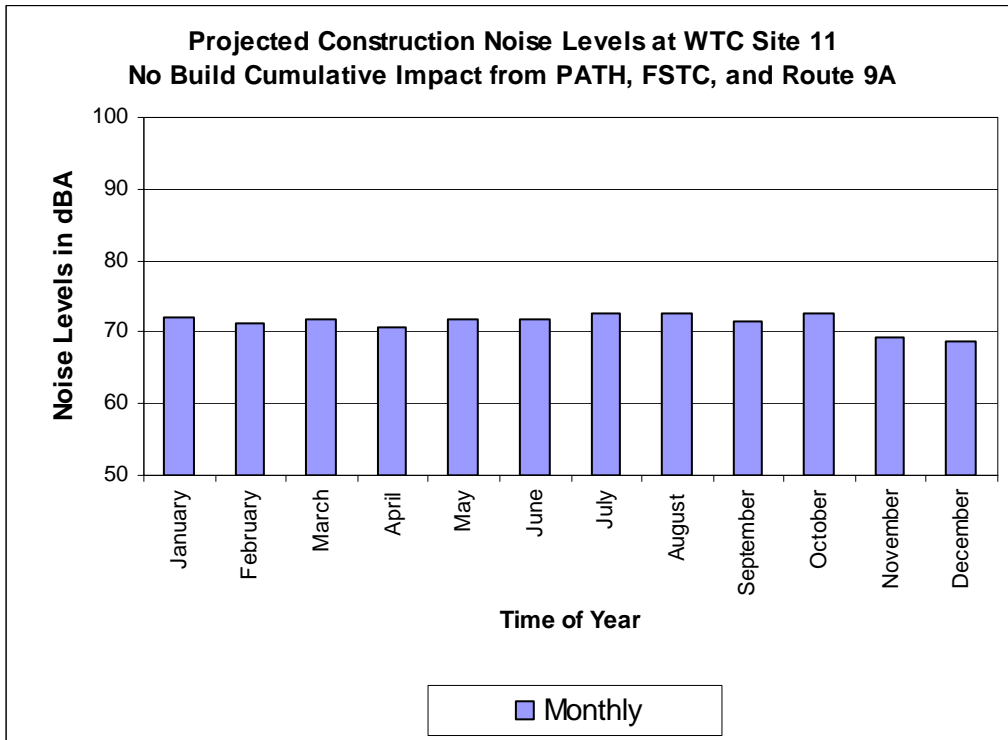
Projected Construction Noise Levels for No Action Alternative – 30 Day Leq

Site 10				
Month	PATH	FSTC	9A	Monthly
January	69	60	59	70
February	68	60	59	69
March	68	61	62	70
April	64	58	62	67
May	68	58	59	69
June	68	57	57	69
July	69	58	57	70
August	69	57	57	70
September	68	55	57	69
October	69	54	59	70
November	64	54	59	66
December	63	54	55	64



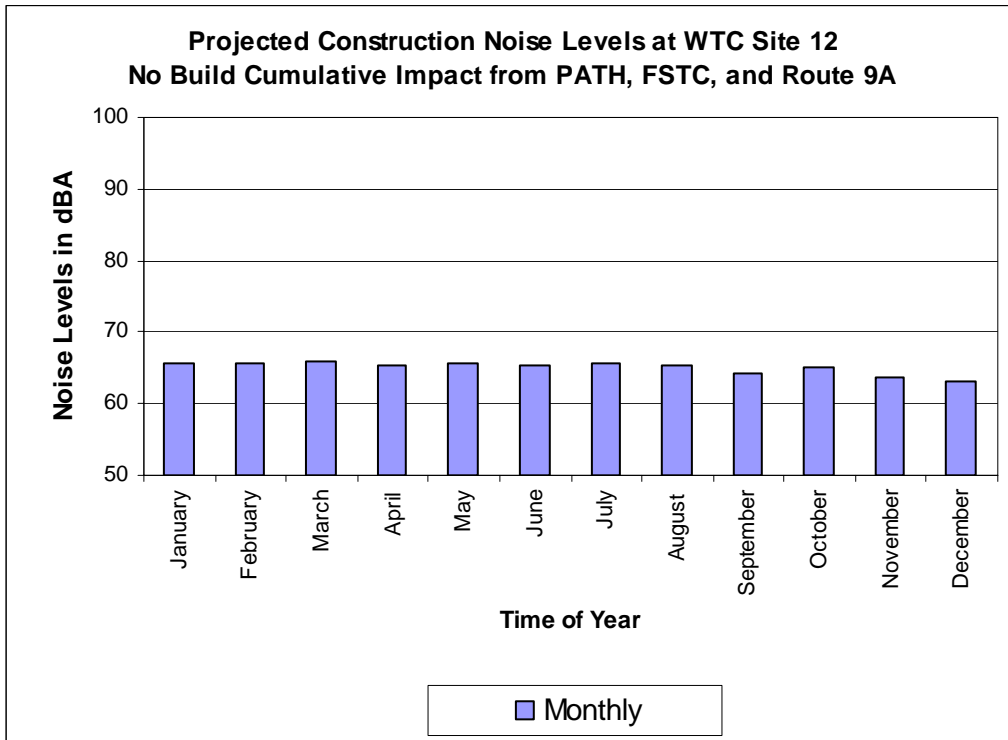
Projected Construction Noise Levels for No Action Alternative – 30 Day Leq

Site 11				
Month	PATH	FSTC	9A	Monthly
January	71	62	62	72
February	70	62	62	71
March	70	62	65	72
April	69	59	65	71
May	71	60	62	72
June	71	59	61	72
July	72	59	61	73
August	72	59	61	73
September	71	56	61	72
October	72	55	63	73
November	68	55	63	69
December	68	55	58	69



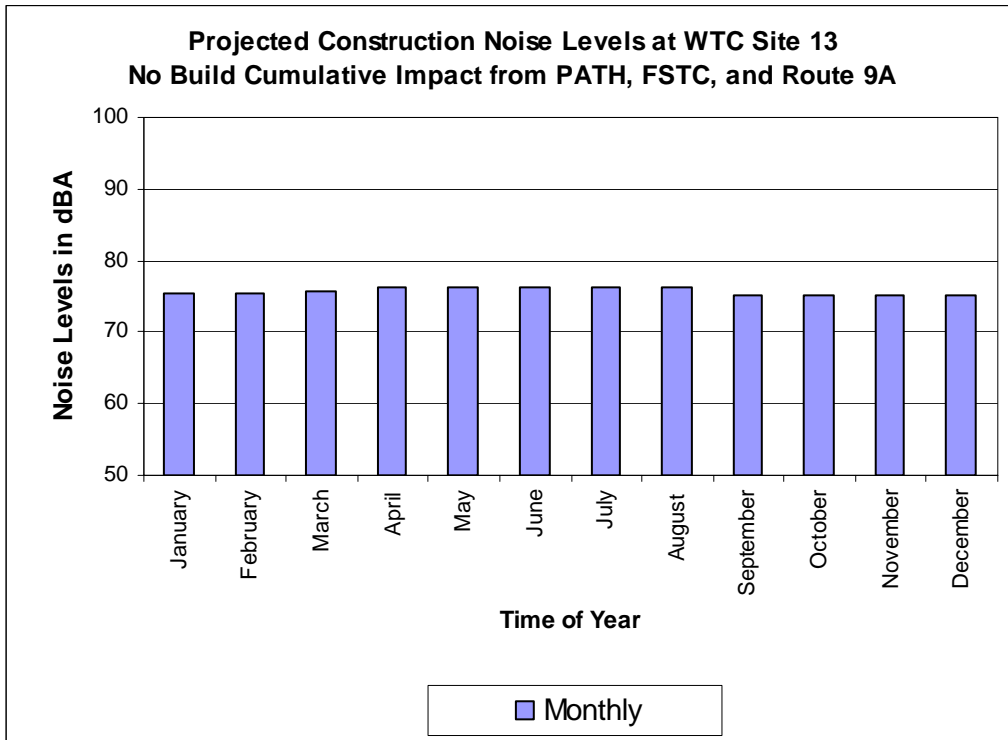
Projected Construction Noise Levels for No Action Alternative – 30 Day Leq

Site 12				
Month	PATH	FSTC	9A	Monthly
January	63	61	55	66
February	63	61	55	66
March	63	61	58	66
April	63	59	58	65
May	64	59	55	66
June	64	58	54	65
July	64	59	54	66
August	64	58	54	65
September	63	56	54	64
October	64	55	56	65
November	62	55	56	64
December	62	55	52	63



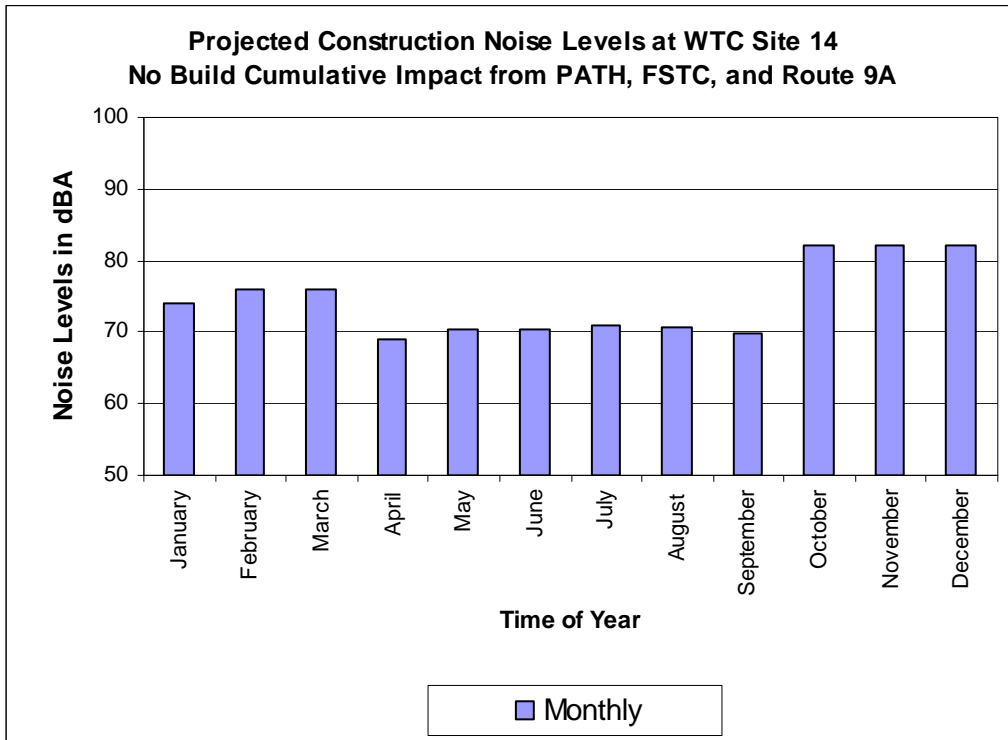
Projected Construction Noise Levels for No Action Alternative – 30 Day Leq

Site 13				
Month	PATH	FSTC	9A	Monthly
January	75	63	60	75
February	75	63	60	75
March	75	64	63	76
April	76	61	63	76
May	76	61	60	76
June	76	61	59	76
July	76	61	59	76
August	76	60	59	76
September	75	58	59	75
October	75	57	61	75
November	75	57	61	75
December	75	57	56	75



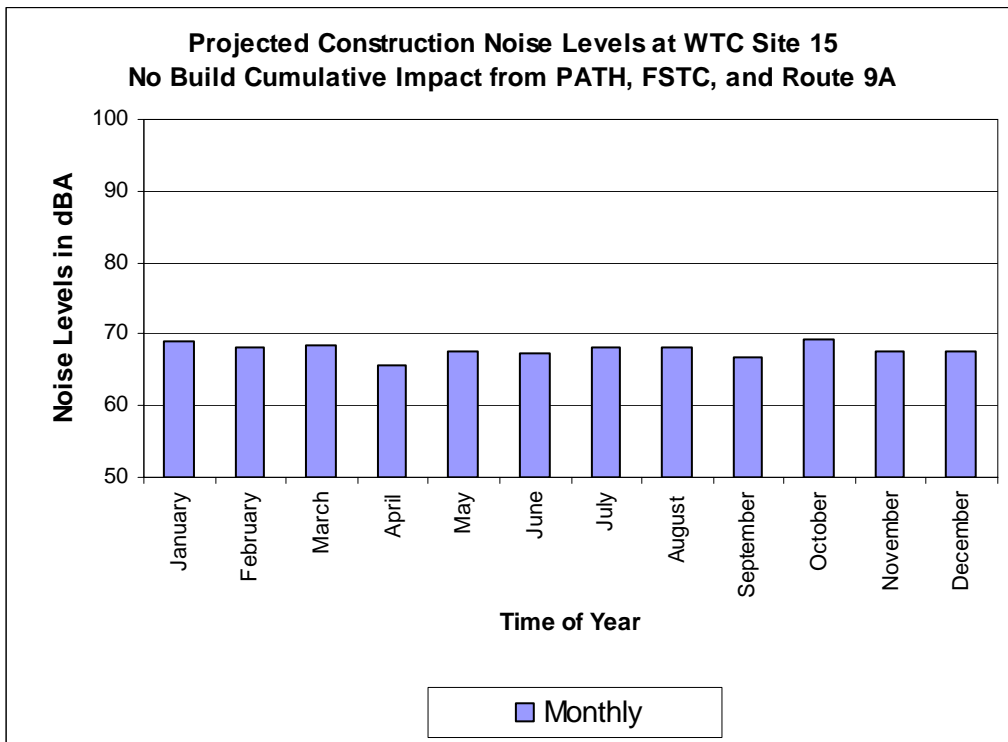
Projected Construction Noise Levels for No Action Alternative – 30 Day Leq

Site 14				
Month	PATH	FSTC	9A	Monthly
January	69	72	59	74
February	68	75	59	76
March	68	75	61	76
April	64	66	61	69
May	68	66	58	70
June	68	66	58	70
July	69	66	58	71
August	69	65	58	71
September	68	64	58	70
October	82	63	60	82
November	82	63	60	82
December	82	63	55	82



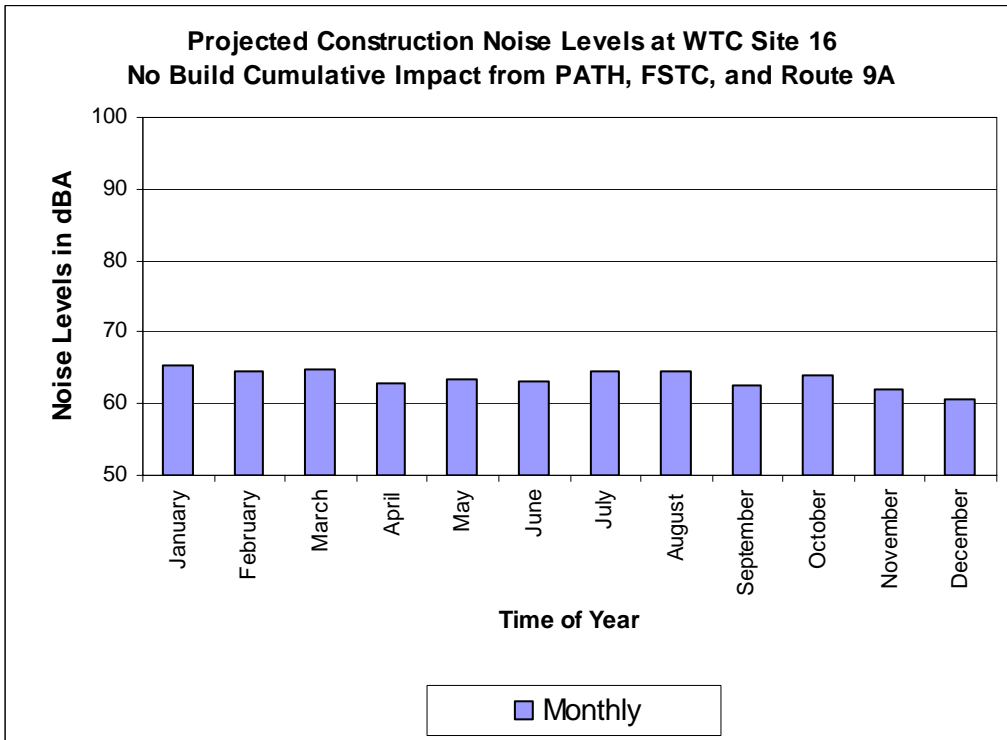
Projected Construction Noise Levels for No Action Alternative – 30 Day Leq

Site 15				
Month	PATH	FSTC	9A	Monthly
January	67	64	53	69
February	66	64	53	68
March	66	64	56	68
April	62	62	56	66
May	66	62	52	68
June	66	61	52	67
July	67	61	52	68
August	67	61	52	68
September	66	58	52	67
October	69	57	54	69
November	67	57	54	68
December	67	57	49	67



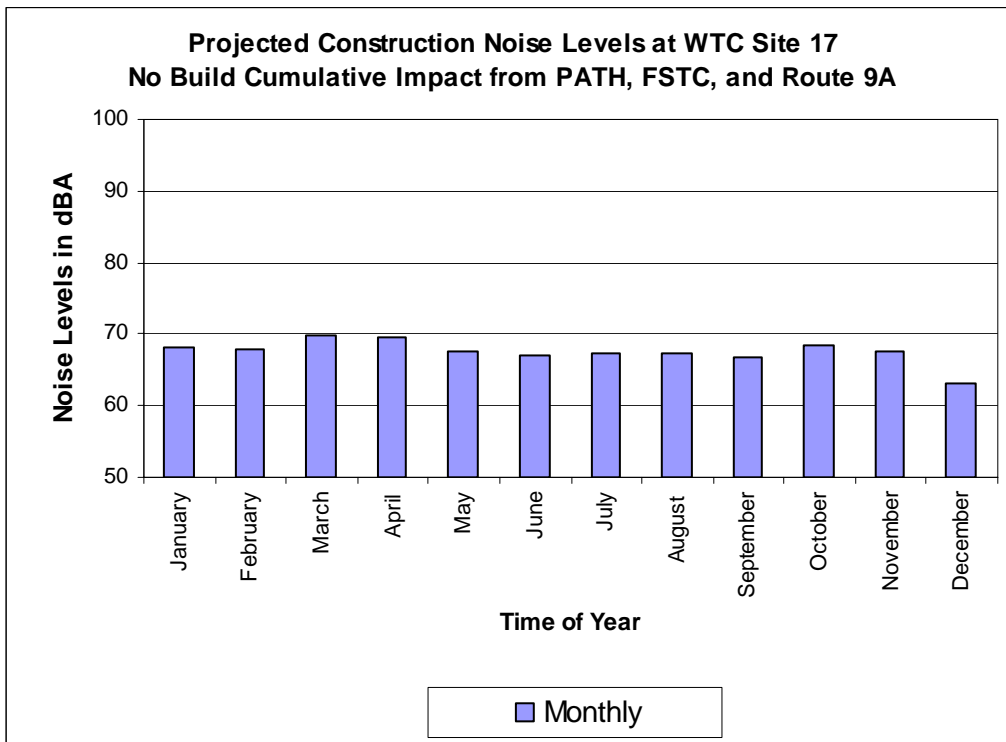
Projected Construction Noise Levels for No Action Alternative – 30 Day Leq

Site 16				
Month	PATH	FSTC	9A	Monthly
January	63	61	54	65
February	61	61	54	64
March	61	61	57	65
April	58	59	57	63
May	61	59	53	64
June	61	58	53	63
July	63	58	53	65
August	63	58	53	65
September	61	55	53	62
October	63	54	55	64
November	60	54	55	62
December	59	54	50	61



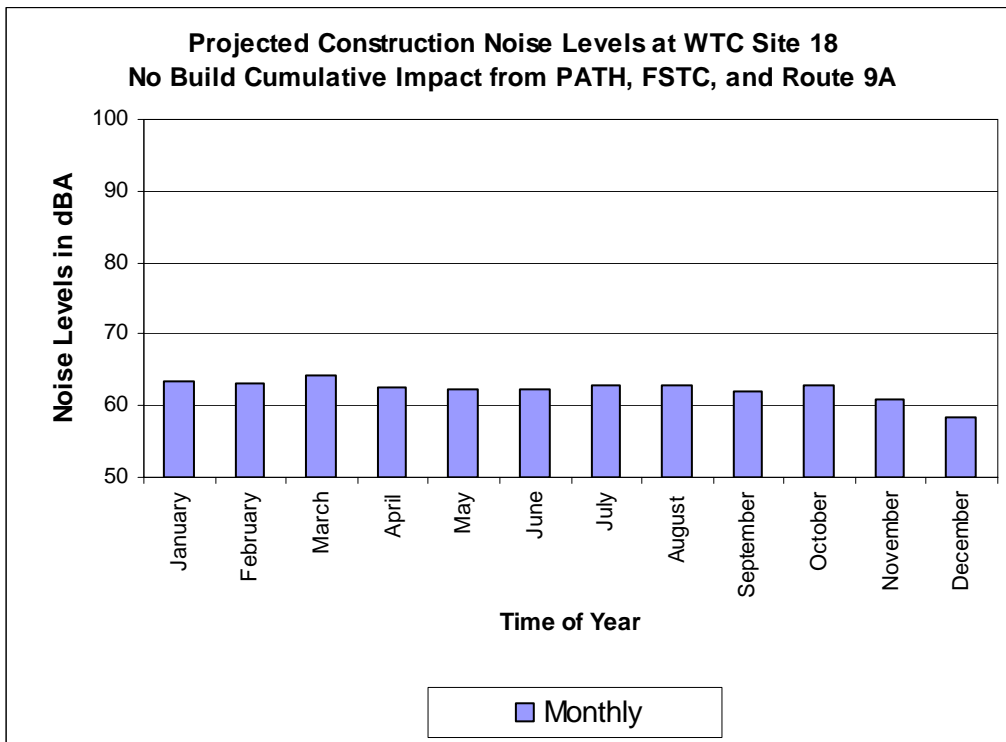
Projected Construction Noise Levels for No Action Alternative – 30 Day Leq

Site 17				
Month	PATH	FSTC	9A	Monthly
January	63	56	66	68
February	62	56	66	68
March	62	56	69	70
April	58	53	69	69
May	62	54	66	68
June	62	53	65	67
July	63	53	65	67
August	63	52	65	67
September	62	50	65	67
October	63	48	67	68
November	57	48	67	67
December	56	48	62	63



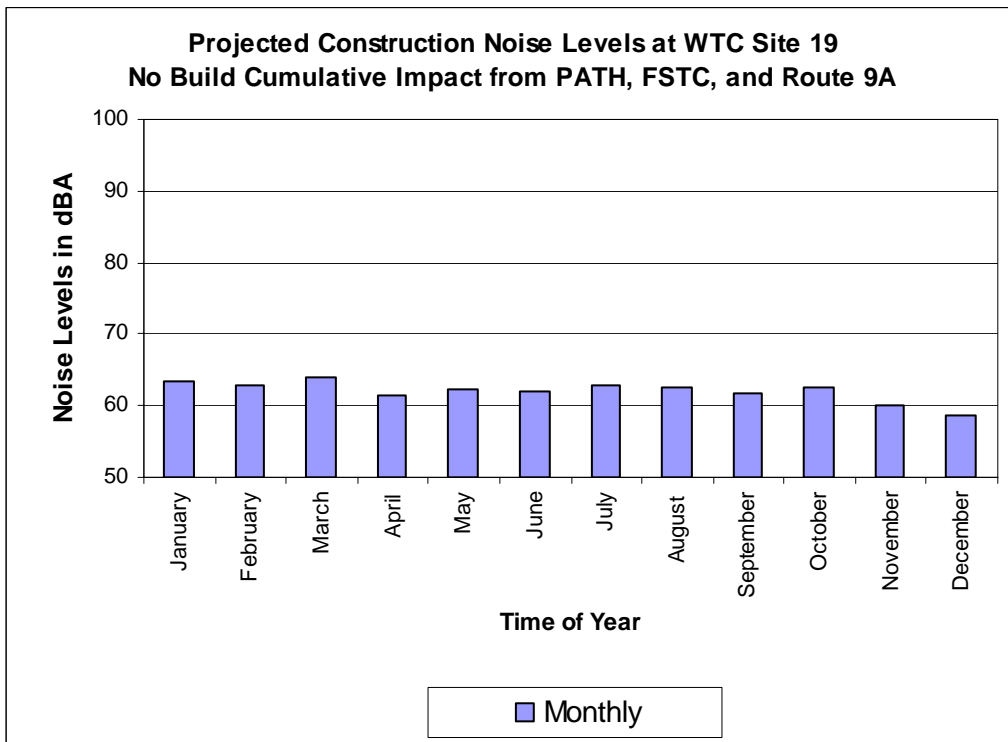
Projected Construction Noise Levels for No Action Alternative – 30 Day Leq

Site 18				
Month	PATH	FSTC	9A	Monthly
January	61	57	57	64
February	60	57	57	63
March	60	58	60	64
April	57	55	60	63
May	60	55	56	62
June	60	54	56	62
July	61	55	56	63
August	61	54	56	63
September	60	52	56	62
October	61	50	58	63
November	57	50	58	61
December	56	50	53	58



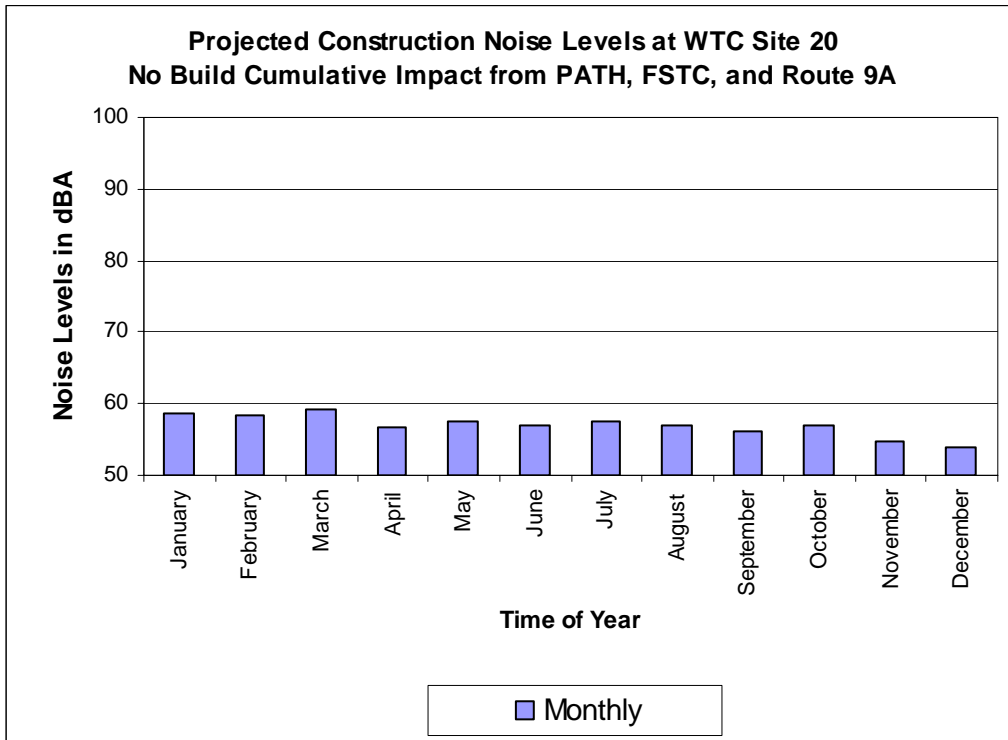
Projected Construction Noise Levels for No Action Alternative – 30 Day Leq

Site 19				
Month	PATH	FSTC	9A	Monthly
January	61	58	55	63
February	60	58	55	63
March	60	59	58	64
April	56	56	58	62
May	60	56	55	62
June	60	55	54	62
July	61	56	54	63
August	61	55	54	63
September	60	53	54	62
October	61	51	56	63
November	57	51	56	60
December	57	51	51	59



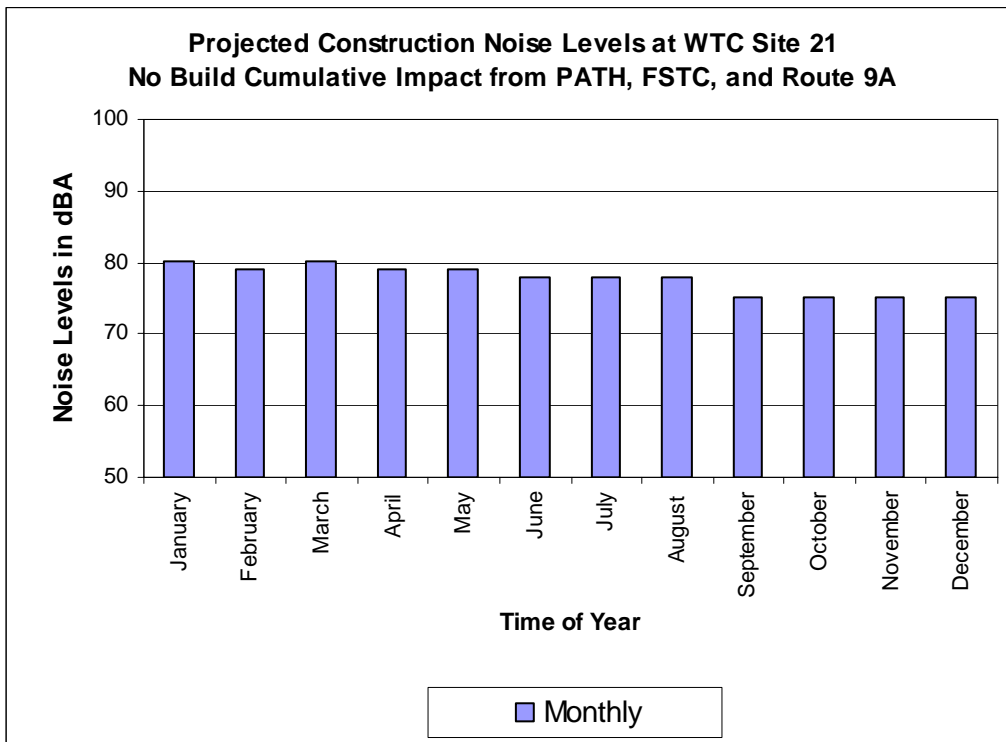
Projected Construction Noise Levels for No Action Alternative – 30 Day Leq

Site 20				
Month	PATH	FSTC	9A	Monthly
January	54	56	49	59
February	53	56	49	58
March	53	57	51	59
April	49	54	51	57
May	53	55	48	58
June	53	54	47	57
July	54	54	47	57
August	54	53	47	57
September	53	52	47	56
October	55	50	49	57
November	51	50	49	55
December	51	50	44	54



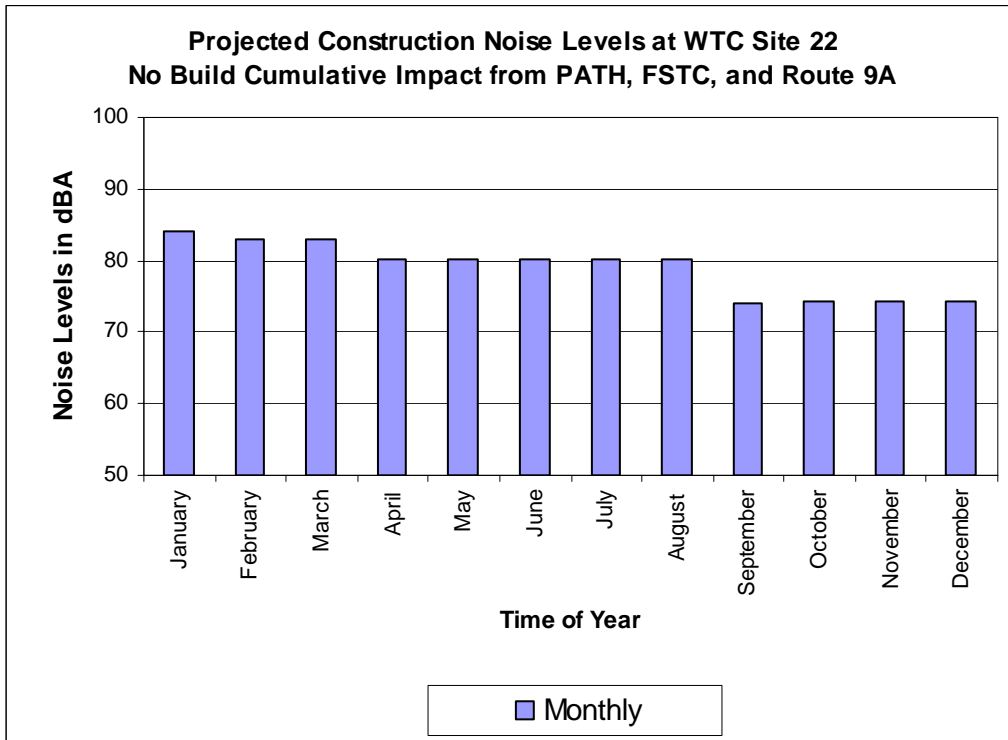
Projected Construction Noise Levels for No Action Alternative – 30 Day Leq

Site 21				
Month	PATH	FSTC	9A	Monthly
January	59	80	51	80
February	58	79	51	79
March	58	80	54	80
April	55	79	54	79
May	58	79	50	79
June	58	78	50	78
July	59	78	50	78
August	59	78	50	78
September	58	75	50	75
October	62	75	52	75
November	61	75	52	75
December	61	75	47	75



Projected Construction Noise Levels for No Action Alternative – 30 Day Leq

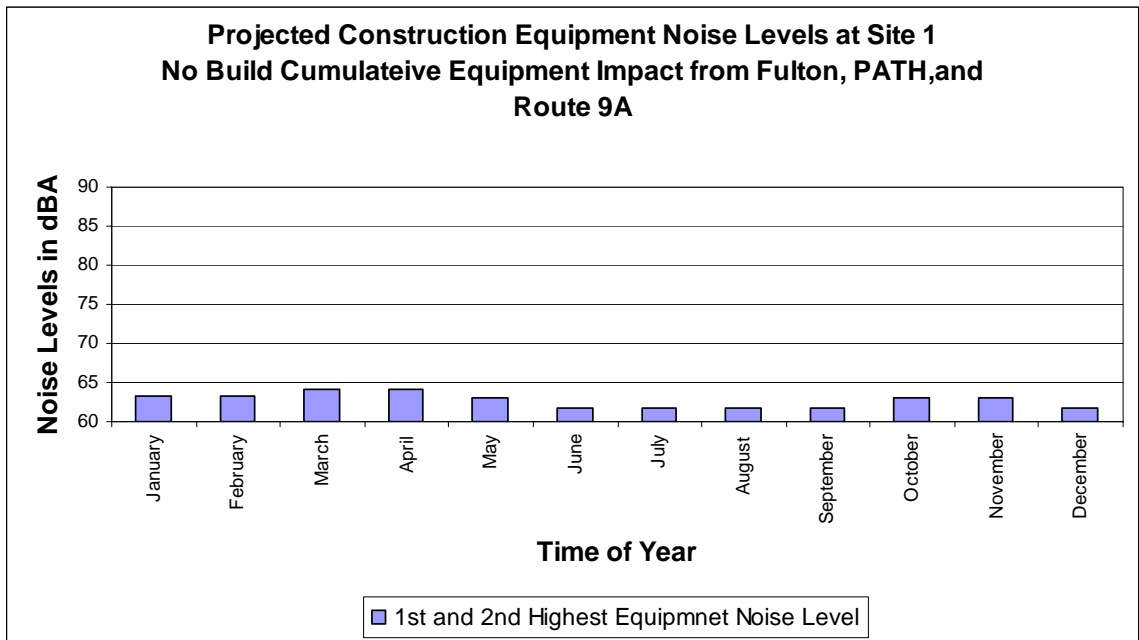
Site 22				
Month	PATH	FSTC	9A	Monthly
January	60	84	52	84
February	59	83	52	83
March	59	83	54	83
April	56	80	54	80
May	59	80	51	80
June	59	80	51	80
July	60	80	51	80
August	60	80	51	80
September	59	74	51	74
October	63	74	52	74
November	61	74	52	74
December	61	74	48	74



**ANALYSIS YEAR 2006
NO ACTION ALTERNATIVE
STATIONARY SOURCES
1ST & 2ND HIGHEST EQUIPMENT NOISE LEVELS
SITES 1 – 22**

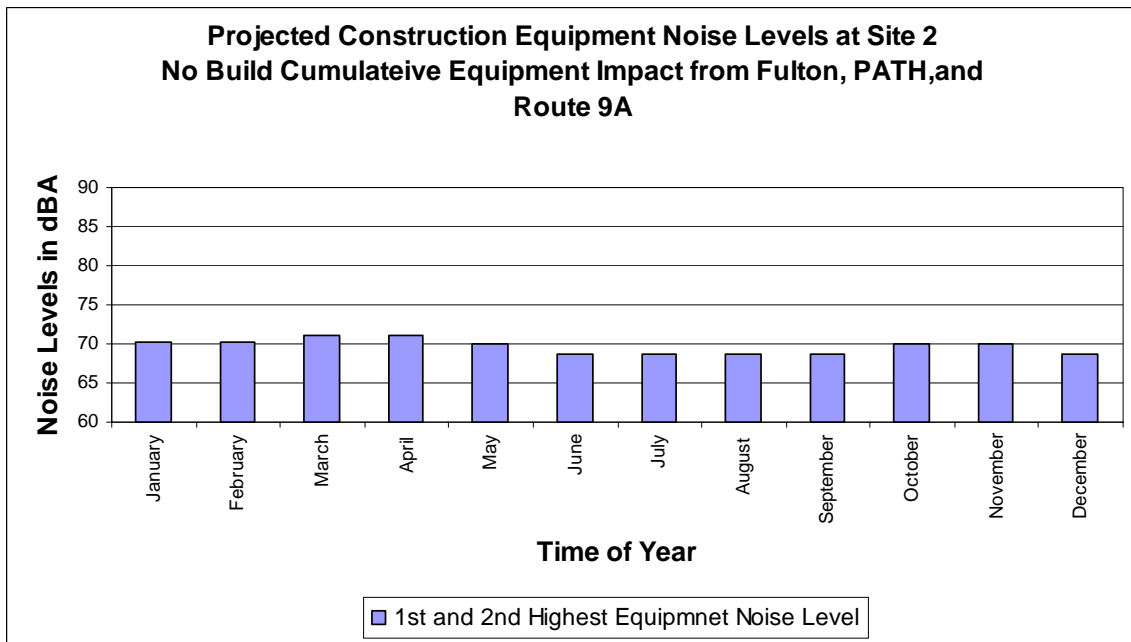
**PATH, ROUTE 9A, and FSTC 1st and 2nd Highest,
No Action - Cumulative Equipment Noise Levels, Site 1**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	62	Route 9A	57	Route 9A	63
February	62	Route 9A	57	Route 9A	63
March	62	Route 9A	60	Route 9A	64
April	62	Route 9A	60	Route 9A	64
May	60	Route 9A	60	Route 9A	63
June	60	Route 9A	57	Route 9A	62
July	60	Route 9A	57	Route 9A	62
August	60	Route 9A	57	Route 9A	62
September	60	Route 9A	57	Route 9A	62
October	60	Route 9A	60	Route 9A	63
November	60	Route 9A	60	Route 9A	63
December	60	Route 9A	57	Route 9A	62



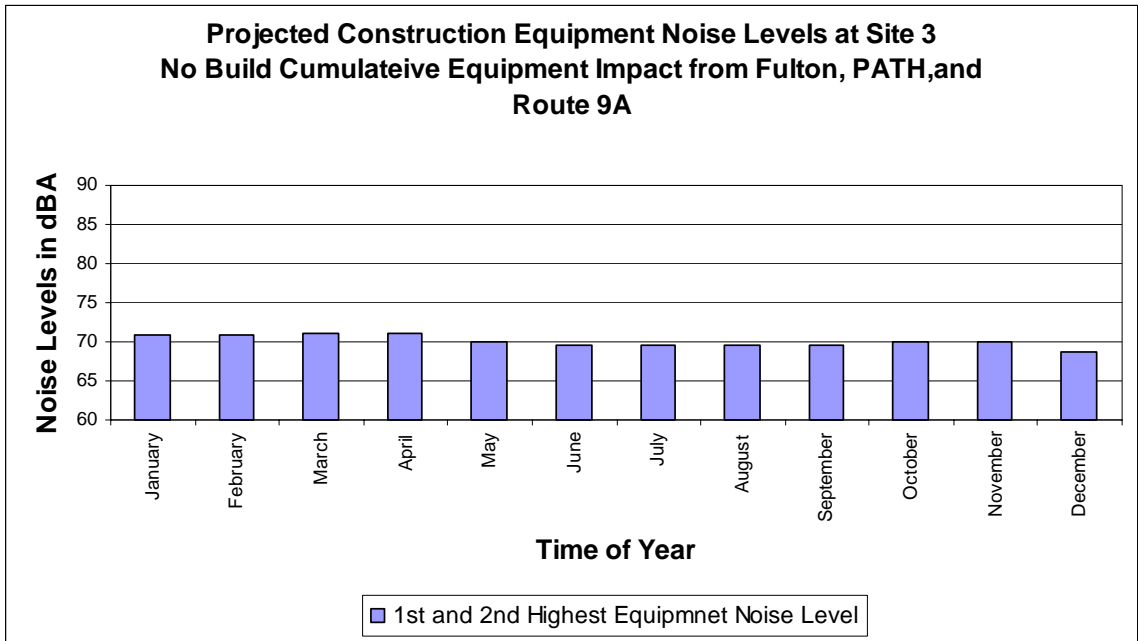
**PATH, ROUTE 9A, and FSTC 1st and 2nd Highest,
No Action - Cumulative Equipment Noise Levels, Site 2**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	69	Route 9A	64	Route 9A	70
February	69	Route 9A	64	Route 9A	70
March	69	Route 9A	67	Route 9A	71
April	69	Route 9A	67	Route 9A	71
May	67	Route 9A	67	Route 9A	70
June	67	Route 9A	64	Route 9A	69
July	67	Route 9A	64	Route 9A	69
August	67	Route 9A	64	Route 9A	69
September	67	Route 9A	64	Route 9A	69
October	67	Route 9A	67	Route 9A	70
November	67	Route 9A	67	Route 9A	70
December	67	Route 9A	64	Route 9A	69



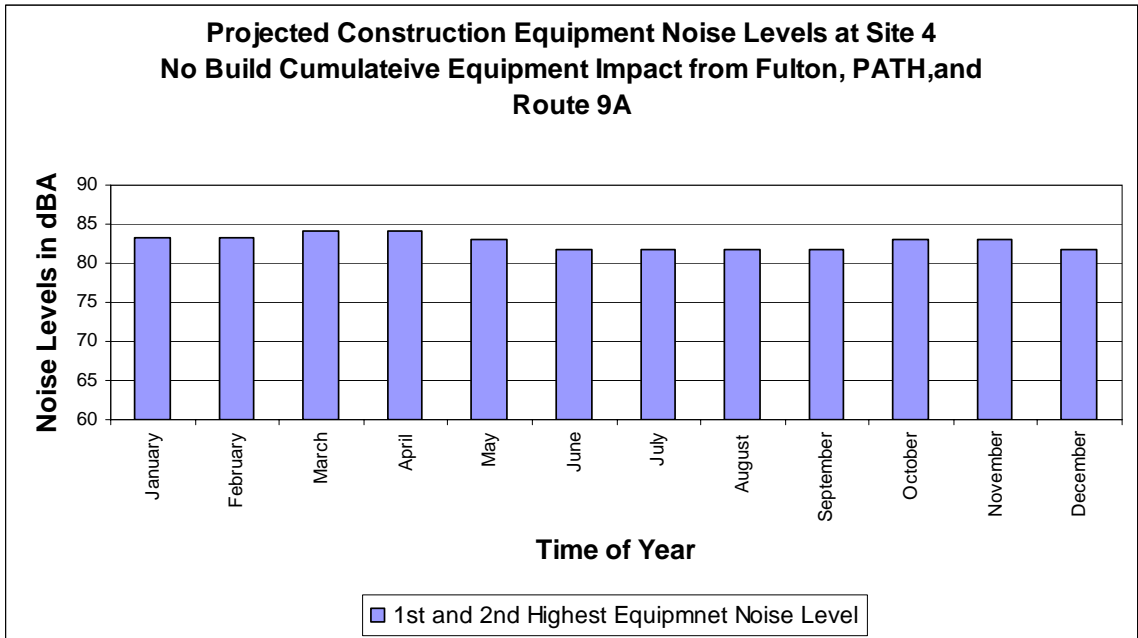
**PATH, ROUTE 9A, and FSTC 1st and 2nd Highest,
No Action - Cumulative Equipment Noise Levels, Site 3**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	69	Route 9A	66	PATH	71
February	69	Route 9A	66	PATH	71
March	69	Route 9A	67	Route 9A	71
April	69	Route 9A	67	Route 9A	71
May	67	Route 9A	67	Route 9A	70
June	67	Route 9A	66	PATH	70
July	67	Route 9A	66	PATH	70
August	67	Route 9A	66	PATH	70
September	67	Route 9A	66	PATH	70
October	67	Route 9A	67	Route 9A	70
November	67	Route 9A	67	Route 9A	70
December	67	Route 9A	64	Route 9A	69



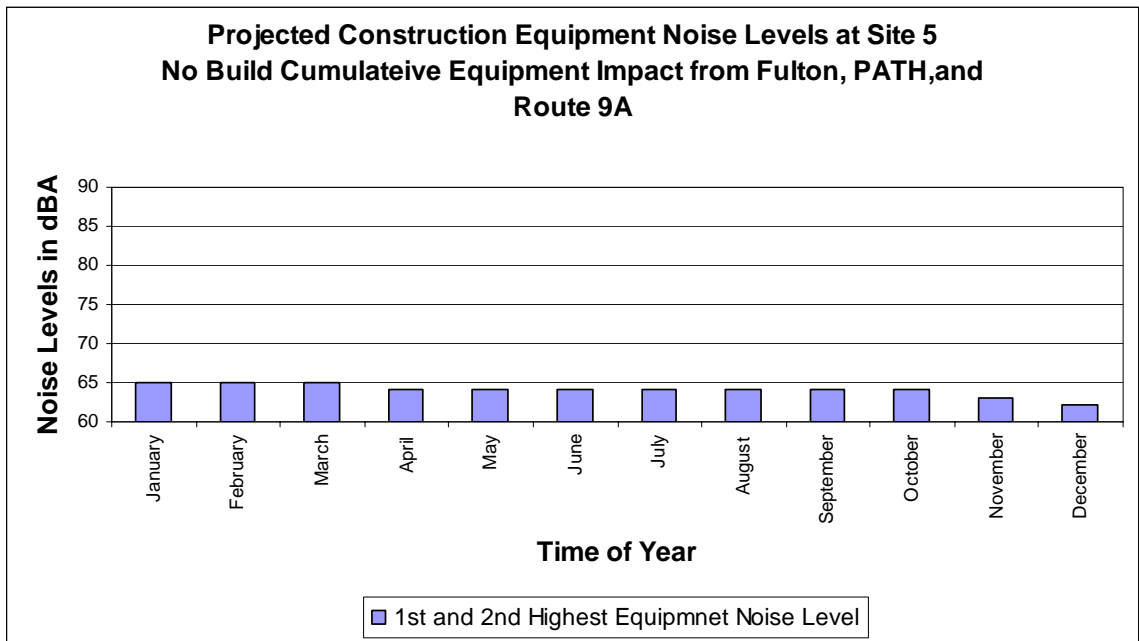
**PATH, ROUTE 9A, and FSTC 1st and 2nd Highest,
No Action - Cumulative Equipment Noise Levels, Site 4**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	82	Route 9A	77	Route 9A	83
February	82	Route 9A	77	Route 9A	83
March	82	Route 9A	80	Route 9A	84
April	82	Route 9A	80	Route 9A	84
May	80	Route 9A	80	Route 9A	83
June	80	Route 9A	77	Route 9A	82
July	80	Route 9A	77	Route 9A	82
August	80	Route 9A	77	Route 9A	82
September	80	Route 9A	77	Route 9A	82
October	80	Route 9A	80	Route 9A	83
November	80	Route 9A	80	Route 9A	83
December	80	Route 9A	77	Route 9A	82



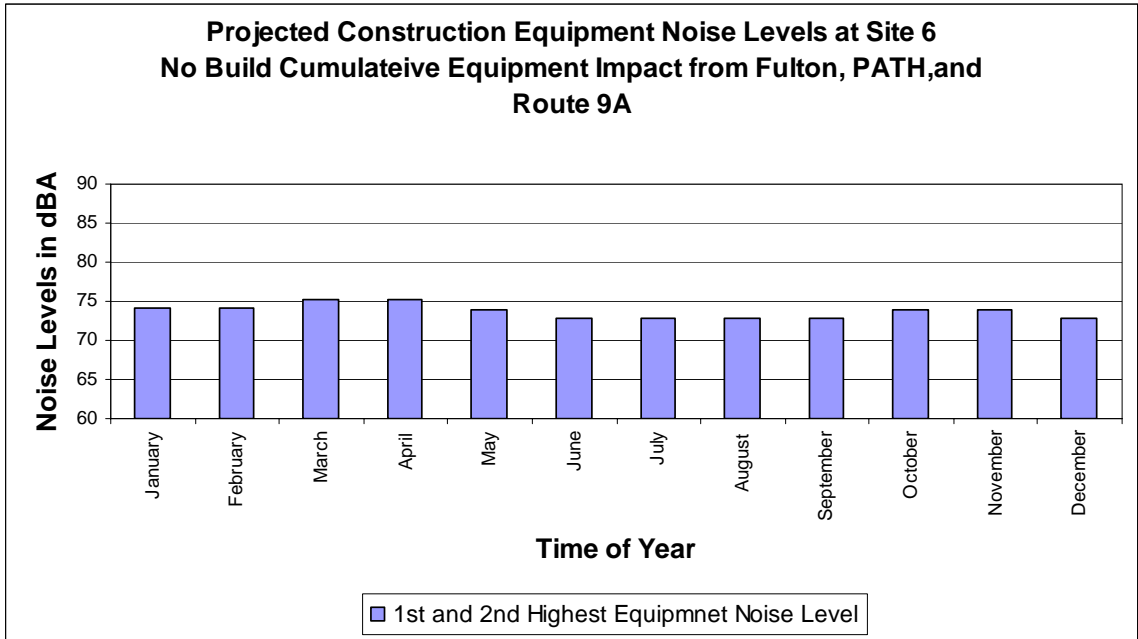
**PATH, ROUTE 9A, and FSTC 1st and 2nd Highest,
No Action - Cumulative Equipment Noise Levels, Site 5**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	62	Route 9A	62	PATH	65
February	62	Route 9A	62	PATH	65
March	62	Route 9A	62	PATH	65
April	62	Route 9A	60	Route 9A	64
May	62	PATH	60	Route 9A	64
June	62	PATH	60	Route 9A	64
July	62	PATH	60	Route 9A	64
August	62	PATH	60	Route 9A	64
September	62	PATH	60	Route 9A	64
October	62	PATH	60	Route 9A	64
November	60	Route 9A	60	Route 9A	63
December	60	Route 9A	58	PATH	62



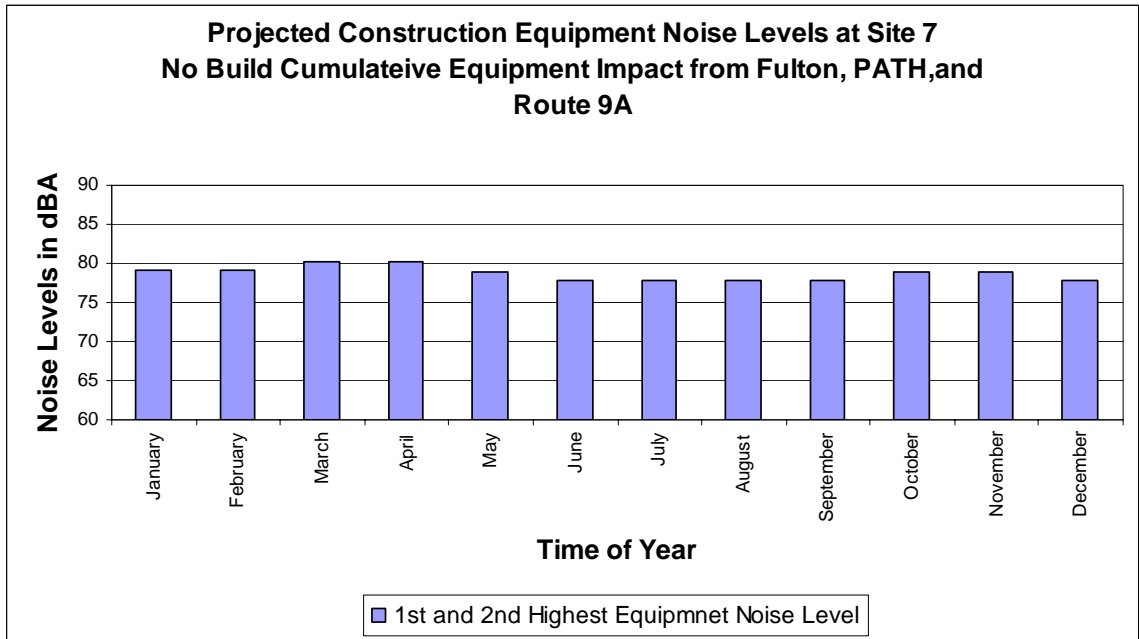
**PATH, ROUTE 9A, and FSTC 1st and 2nd Highest,
No Action - Cumulative Equipment Noise Levels, Site 6**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	73	Route 9A	68	Route 9A	74
February	73	Route 9A	68	Route 9A	74
March	73	Route 9A	71	Route 9A	75
April	73	Route 9A	71	Route 9A	75
May	71	Route 9A	71	Route 9A	74
June	71	Route 9A	68	Route 9A	73
July	71	Route 9A	68	Route 9A	73
August	71	Route 9A	68	Route 9A	73
September	71	Route 9A	68	Route 9A	73
October	71	Route 9A	71	Route 9A	74
November	71	Route 9A	71	Route 9A	74
December	71	Route 9A	68	Route 9A	73



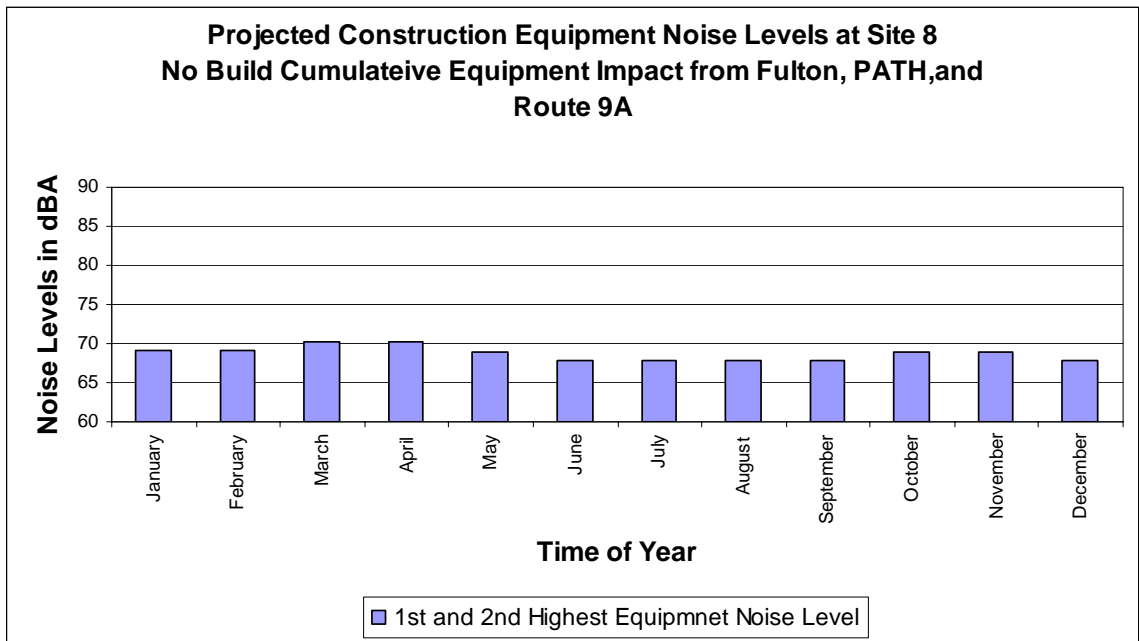
**PATH, ROUTE 9A, and FSTC 1st and 2nd Highest,
No Action - Cumulative Equipment Noise Levels, Site 7**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	78	Route 9A	73	Route 9A	79
February	78	Route 9A	73	Route 9A	79
March	78	Route 9A	76	Route 9A	80
April	78	Route 9A	76	Route 9A	80
May	76	Route 9A	76	Route 9A	79
June	76	Route 9A	73	Route 9A	78
July	76	Route 9A	73	Route 9A	78
August	76	Route 9A	73	Route 9A	78
September	76	Route 9A	73	Route 9A	78
October	76	Route 9A	76	Route 9A	79
November	76	Route 9A	76	Route 9A	79
December	76	Route 9A	73	Route 9A	78



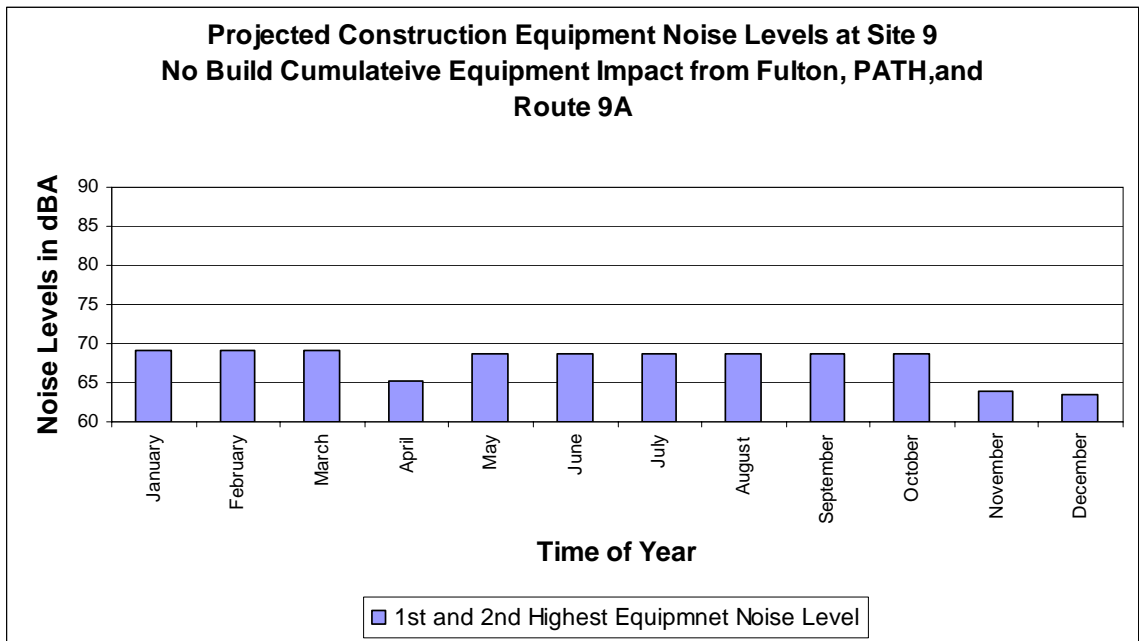
**PATH, ROUTE 9A, and FSTC 1st and 2nd Highest,
No Action - Cumulative Equipment Noise Levels, Site 8**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	68	Route 9A	63	Route 9A	69
February	68	Route 9A	63	Route 9A	69
March	68	Route 9A	66	Route 9A	70
April	68	Route 9A	66	Route 9A	70
May	66	Route 9A	66	Route 9A	69
June	66	Route 9A	63	Route 9A	68
July	66	Route 9A	63	Route 9A	68
August	66	Route 9A	63	Route 9A	68
September	66	Route 9A	63	Route 9A	68
October	66	Route 9A	66	Route 9A	69
November	66	Route 9A	66	Route 9A	69
December	66	Route 9A	63	Route 9A	68



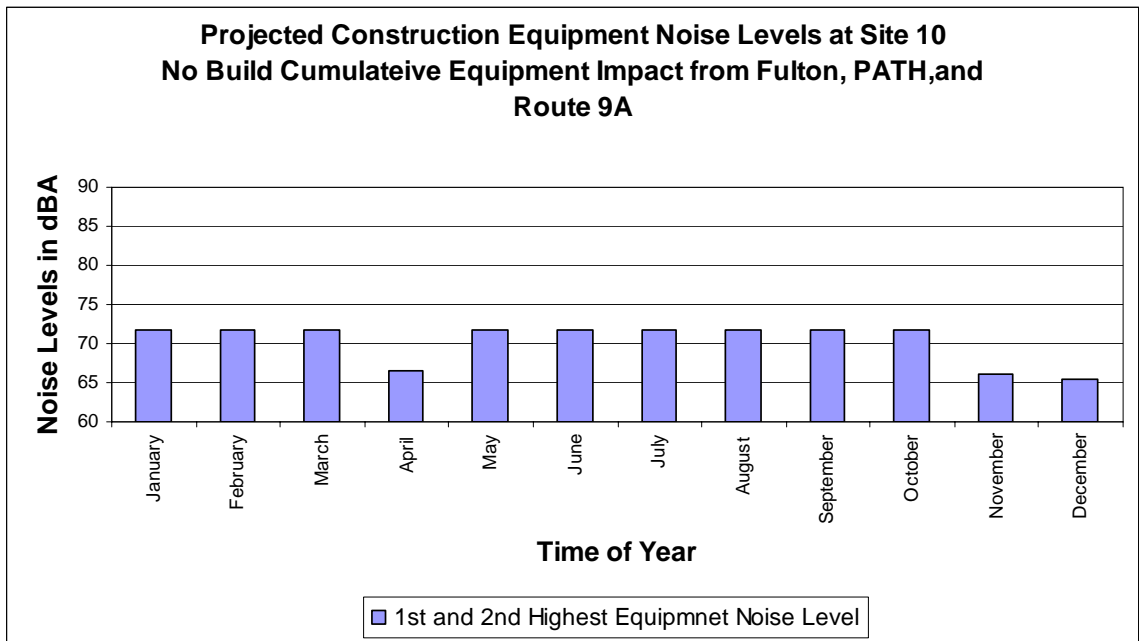
**PATH, ROUTE 9A, and FSTC 1st and 2nd Highest,
No Action - Cumulative Equipment Noise Levels, Site 9**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	68	PATH	63	Route 9A	69
February	68	PATH	63	Route 9A	69
March	68	PATH	63	Route 9A	69
April	63	Route 9A	61	PATH	65
May	68	PATH	61	PATH	69
June	68	PATH	61	PATH	69
July	68	PATH	61	PATH	69
August	68	PATH	61	PATH	69
September	68	PATH	61	PATH	69
October	68	PATH	61	PATH	69
November	61	Route 9A	61	PATH	64
December	61	Route 9A	60	PATH	64



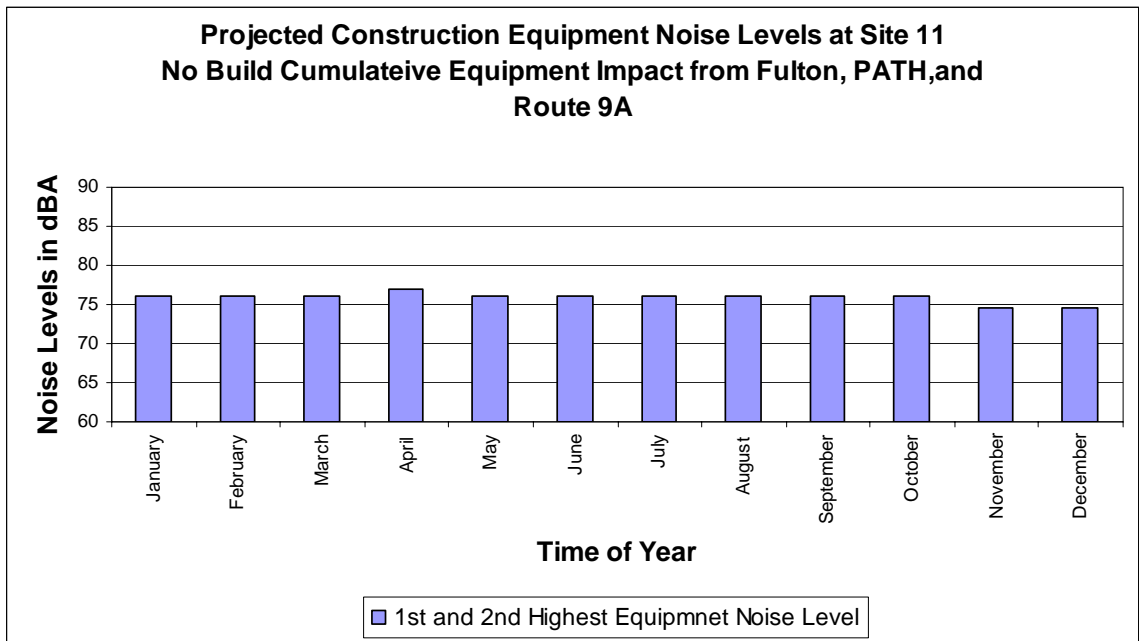
**PATH, ROUTE 9A, and FSTC 1st and 2nd Highest,
No Action - Cumulative Equipment Noise Levels, Site 10**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	71	PATH	64	PATH	72
February	71	PATH	64	PATH	72
March	71	PATH	64	PATH	72
April	64	PATH	63	PATH	67
May	71	PATH	64	PATH	72
June	71	PATH	64	PATH	72
July	71	PATH	64	PATH	72
August	71	PATH	64	PATH	72
September	71	PATH	64	PATH	72
October	71	PATH	64	PATH	72
November	63	PATH	63	PATH	66
December	63	PATH	62	PATH	66



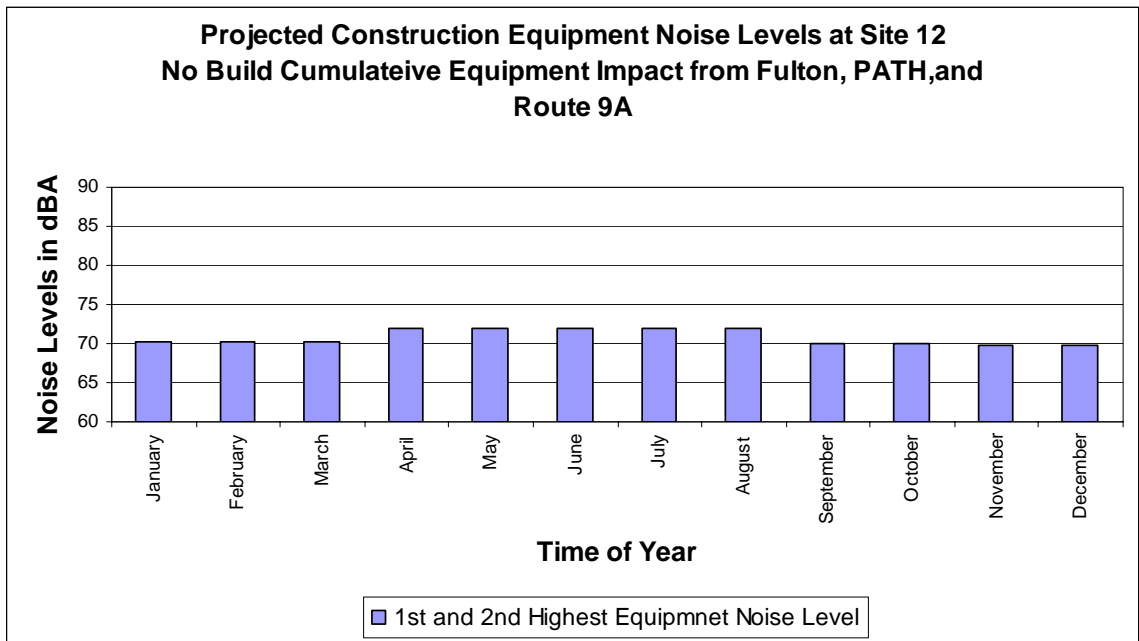
**PATH, ROUTE 9A, and FSTC 1st and 2nd Highest,
No Action - Cumulative Equipment Noise Levels, Site 11**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	74	PATH	72	PATH	76
February	74	PATH	72	PATH	76
March	74	PATH	72	PATH	76
April	74	PATH	74	PATH	77
May	74	PATH	72	PATH	76
June	74	PATH	72	PATH	76
July	74	PATH	72	PATH	76
August	74	PATH	72	PATH	76
September	74	PATH	72	PATH	76
October	74	PATH	72	PATH	76
November	74	PATH	66	PATH	75
December	74	PATH	66	PATH	75



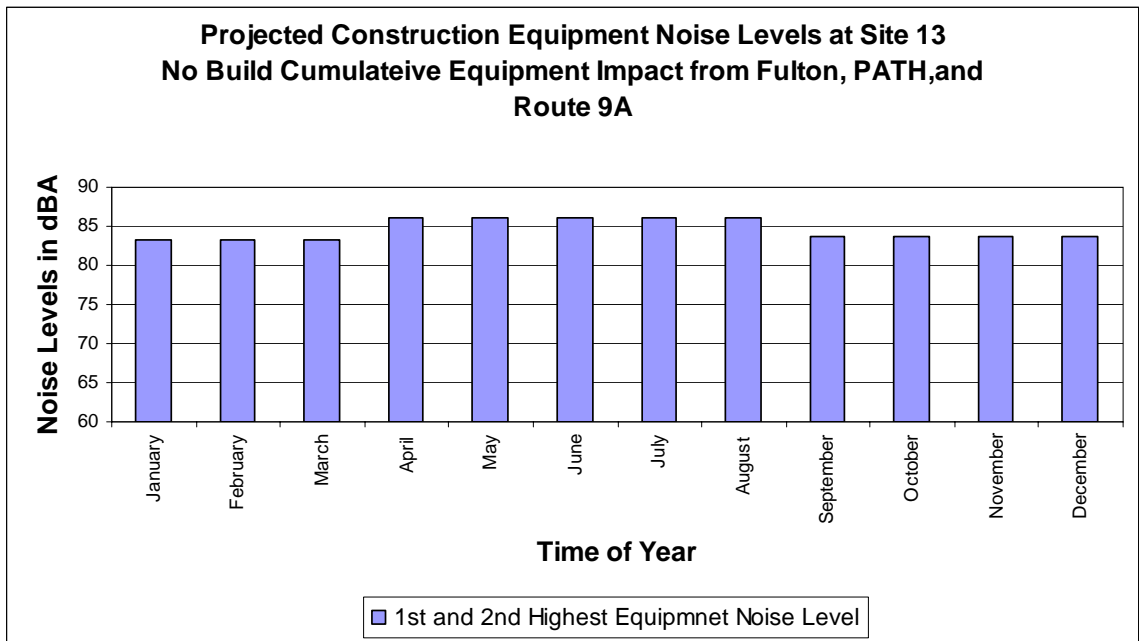
**PATH, ROUTE 9A, and FSTC 1st and 2nd Highest,
No Action - Cumulative Equipment Noise Levels, Site 12**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	69	PATH	64	FSTC	70
February	69	PATH	64	FSTC	70
March	69	PATH	64	FSTC	70
April	69	PATH	69	PATH	72
May	69	PATH	69	PATH	72
June	69	PATH	69	PATH	72
July	69	PATH	69	PATH	72
August	69	PATH	69	PATH	72
September	69	PATH	63	PATH	70
October	69	PATH	63	PATH	70
November	69	PATH	62	PATH	70
December	69	PATH	62	PATH	70



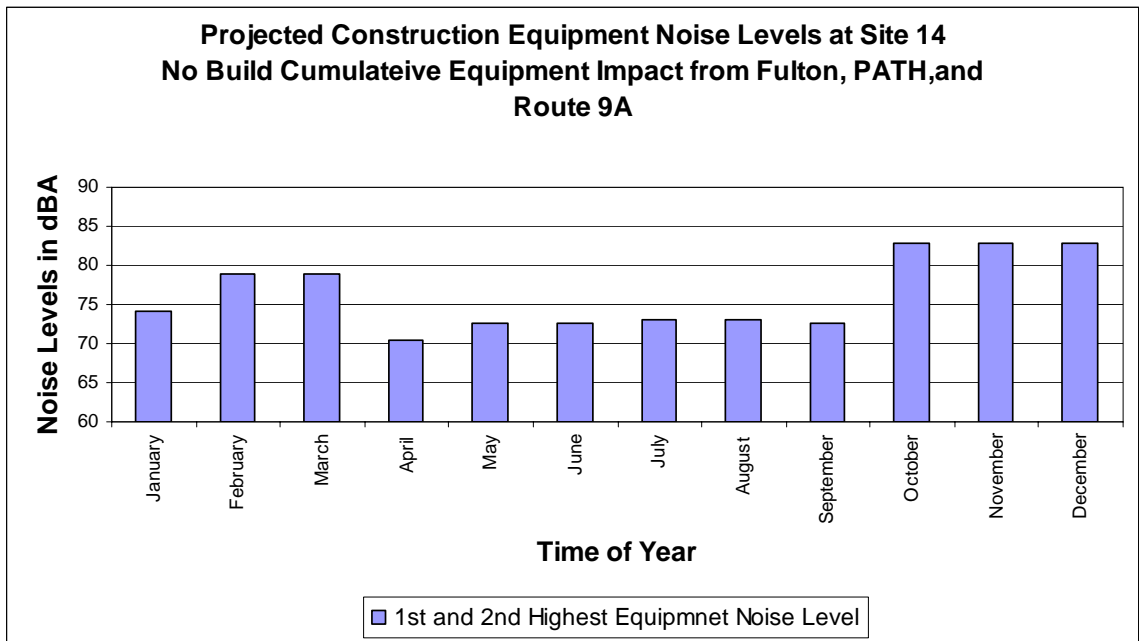
**PATH, ROUTE 9A, and FSTC 1st and 2nd Highest,
No Action - Cumulative Equipment Noise Levels, Site 13**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	83	PATH	72	PATH	83
February	83	PATH	72	PATH	83
March	83	PATH	72	PATH	83
April	83	PATH	83	PATH	86
May	83	PATH	83	PATH	86
June	83	PATH	83	PATH	86
July	83	PATH	83	PATH	86
August	83	PATH	83	PATH	86
September	83	PATH	75	PATH	84
October	83	PATH	75	PATH	84
November	83	PATH	75	PATH	84
December	83	PATH	75	PATH	84



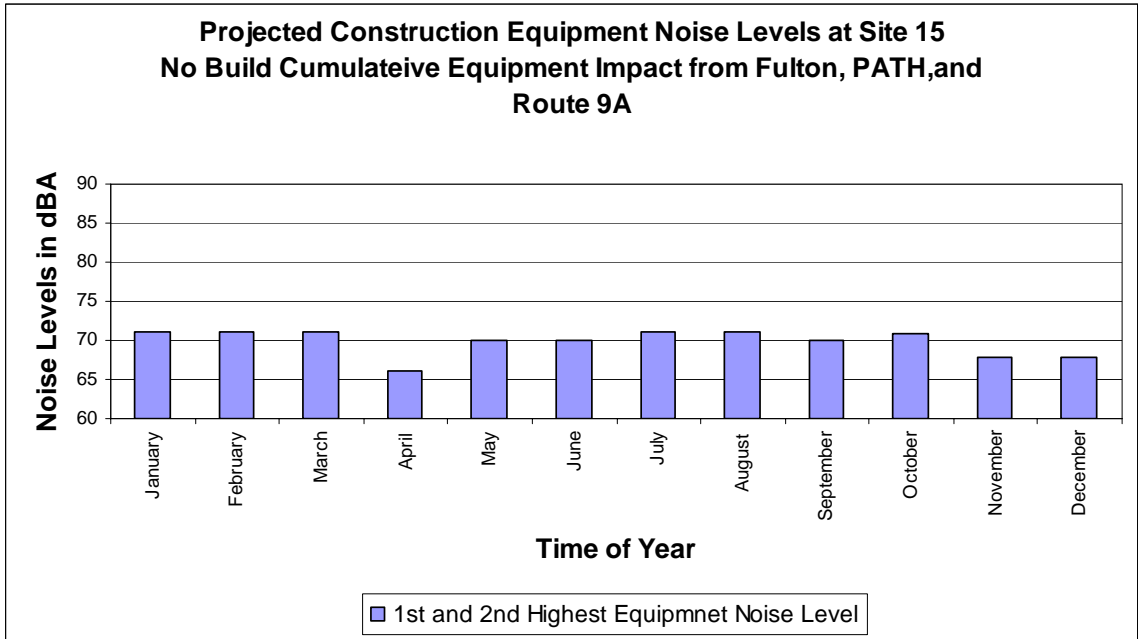
**PATH, ROUTE 9A, and FSTC 1st and 2nd Highest,
No Action - Cumulative Equipment Noise Levels, Site 14**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	72	FSTC	70	FSTC	74
February	78	FSTC	72	FSTC	79
March	78	FSTC	72	FSTC	79
April	69	FSTC	65	FSTC	70
May	70	PATH	69	FSTC	73
June	70	PATH	69	FSTC	73
July	70	PATH	70	FSTC	73
August	70	PATH	70	FSTC	73
September	70	PATH	69	FSTC	73
October	81	PATH	78	PATH	83
November	81	PATH	78	PATH	83
December	81	PATH	78	PATH	83



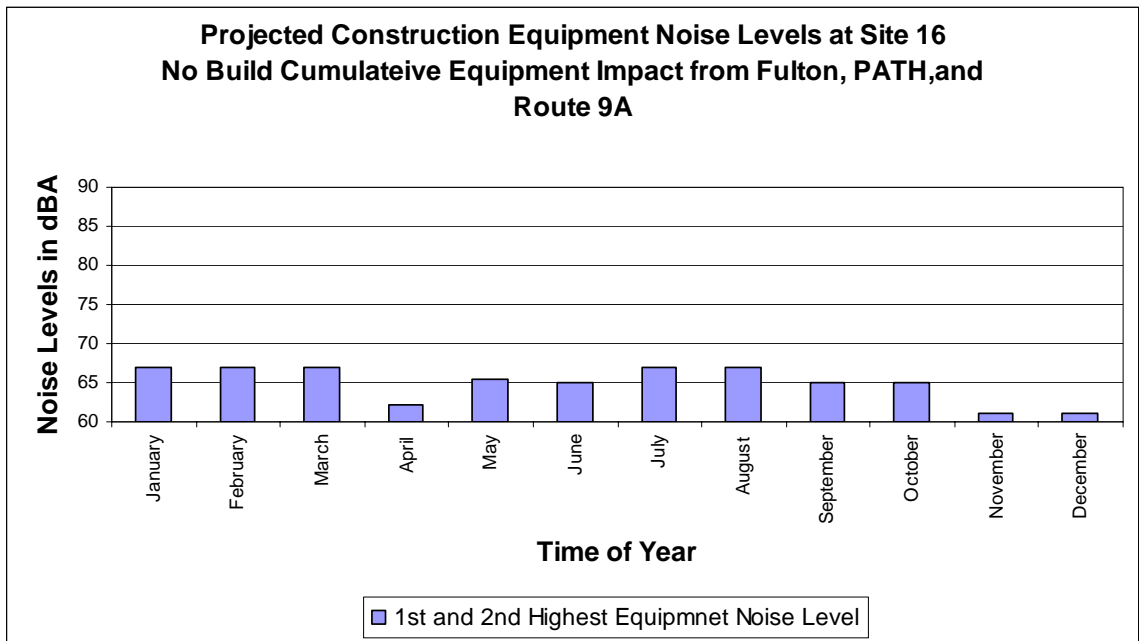
**PATH, ROUTE 9A, and FSTC 1st and 2nd Highest,
No Action - Cumulative Equipment Noise Levels, Site 15**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	69	PATH	67	FSTC	71
February	69	PATH	67	FSTC	71
March	69	PATH	67	FSTC	71
April	63	PATH	63	FSTC	66
May	69	PATH	63	PATH	70
June	69	PATH	63	PATH	70
July	69	PATH	67	FSTC	71
August	69	PATH	67	FSTC	71
September	69	PATH	63	PATH	70
October	69	PATH	66	PATH	71
November	66	PATH	63	PATH	68
December	66	PATH	63	PATH	68



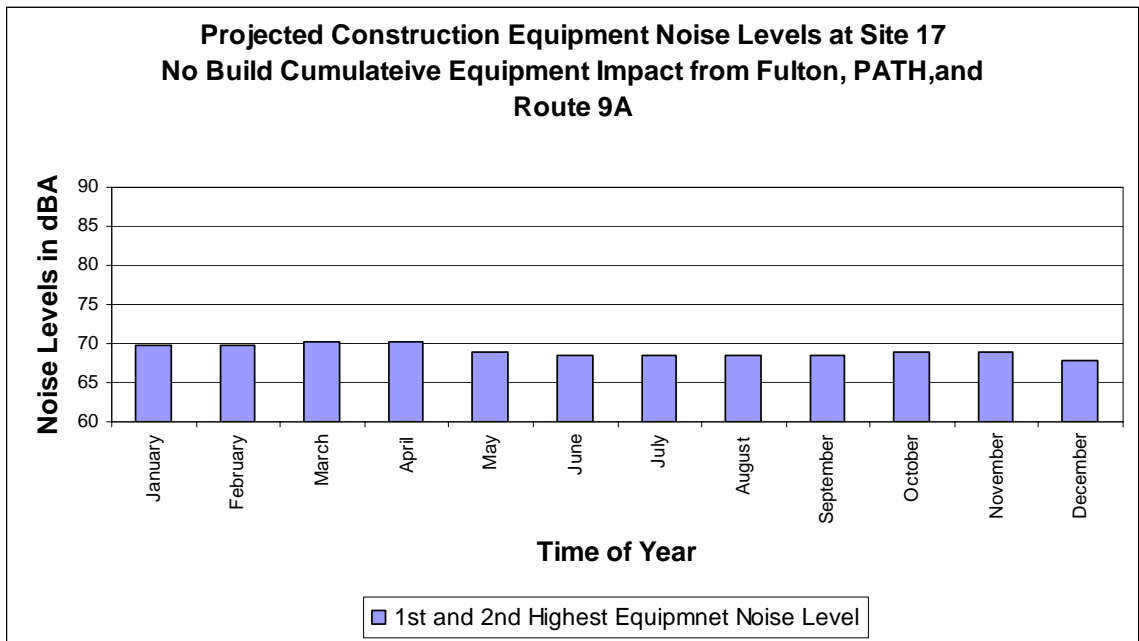
**PATH, ROUTE 9A, and FSTC 1st and 2nd Highest,
No Action - Cumulative Equipment Noise Levels, Site 16**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	64	PATH	64	FSTC	67
February	64	PATH	64	FSTC	67
March	64	PATH	64	FSTC	67
April	60	FSTC	58	FSTC	62
May	64	PATH	60	FSTC	65
June	64	PATH	58	PATH	65
July	64	PATH	64	FSTC	67
August	64	PATH	64	FSTC	67
September	64	PATH	58	PATH	65
October	64	PATH	58	PATH	65
November	58	PATH	58	PATH	61
December	58	PATH	58	FSTC	61



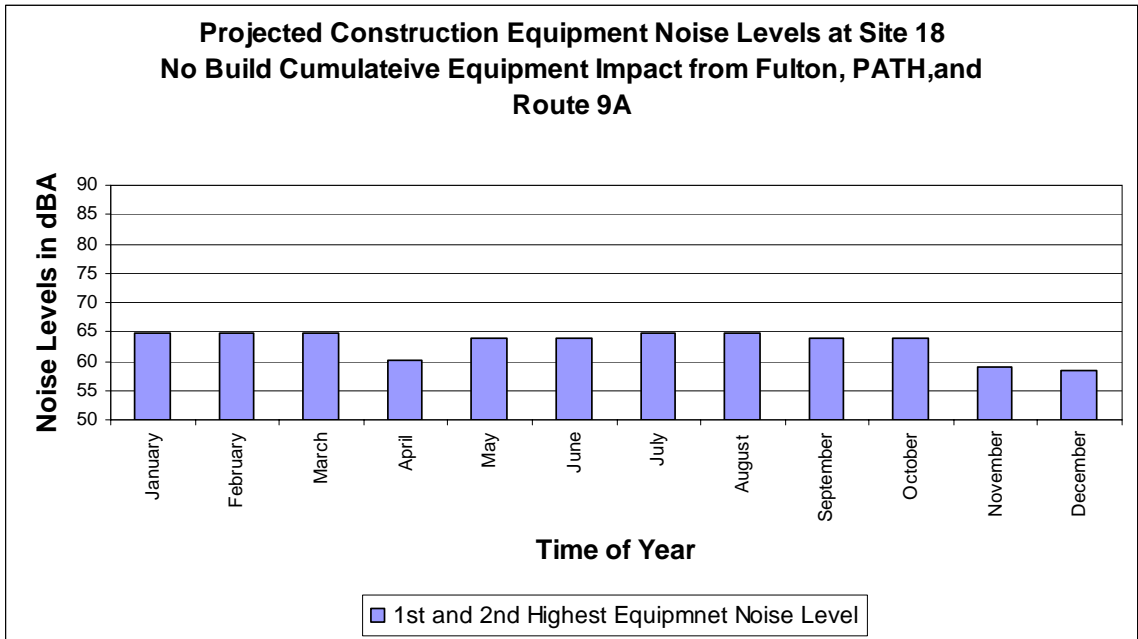
**PATH, ROUTE 9A, and FSTC 1st and 2nd Highest,
No Action - Cumulative Equipment Noise Levels, Site 17**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	68	Route 9A	65	PATH	70
February	68	Route 9A	65	PATH	70
March	68	Route 9A	66	Route 9A	70
April	68	Route 9A	66	Route 9A	70
May	66	Route 9A	66	Route 9A	69
June	66	Route 9A	65	PATH	69
July	66	Route 9A	65	PATH	69
August	66	Route 9A	65	PATH	69
September	66	Route 9A	65	PATH	69
October	66	Route 9A	66	Route 9A	69
November	66	Route 9A	66	Route 9A	69
December	66	Route 9A	63	Route 9A	68



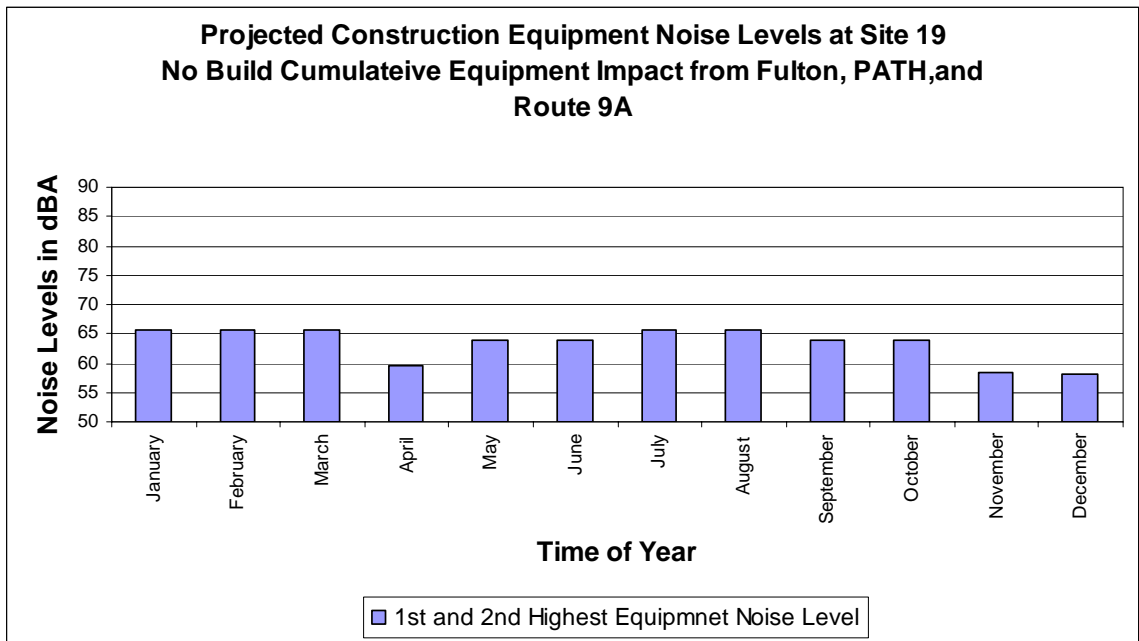
**PATH, ROUTE 9A, and FSTC 1st and 2nd Highest,
No Action - Cumulative Equipment Noise Levels, Site 18**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	63	PATH	60	FSTC	65
February	63	PATH	60	FSTC	65
March	63	PATH	60	FSTC	65
April	58	Route 9A	56	Route 9A	60
May	63	PATH	56	PATH	64
June	63	PATH	56	PATH	64
July	63	PATH	60	FSTC	65
August	63	PATH	60	FSTC	65
September	63	PATH	56	PATH	64
October	63	PATH	56	PATH	64
November	56	Route 9A	56	Route 9A	59
December	56	Route 9A	55	PATH	59



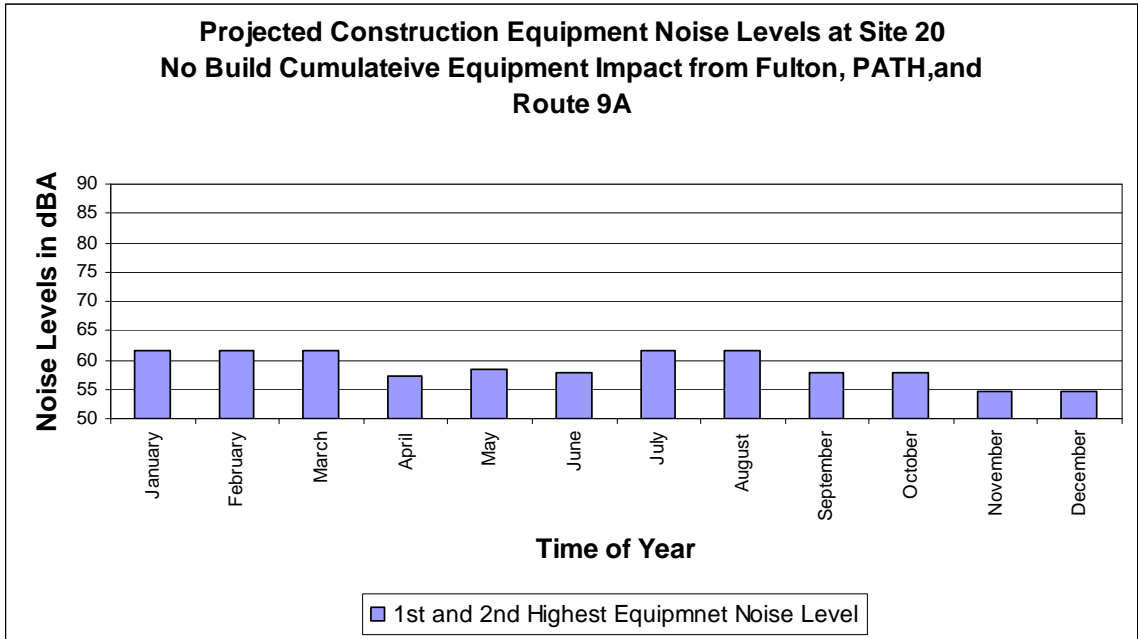
**PATH, ROUTE 9A, and FSTC 1st and 2nd Highest,
No Action - Cumulative Equipment Noise Levels, Site 19**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	63	PATH	62	FSTC	66
February	63	PATH	62	FSTC	66
March	63	PATH	62	FSTC	66
April	57	FSTC	56	PATH	60
May	63	PATH	57	FSTC	64
June	63	PATH	56	PATH	64
July	63	PATH	62	FSTC	66
August	63	PATH	62	FSTC	66
September	63	PATH	56	PATH	64
October	63	PATH	56	PATH	64
November	56	PATH	55	PATH	59
December	55	PATH	55	FSTC	58



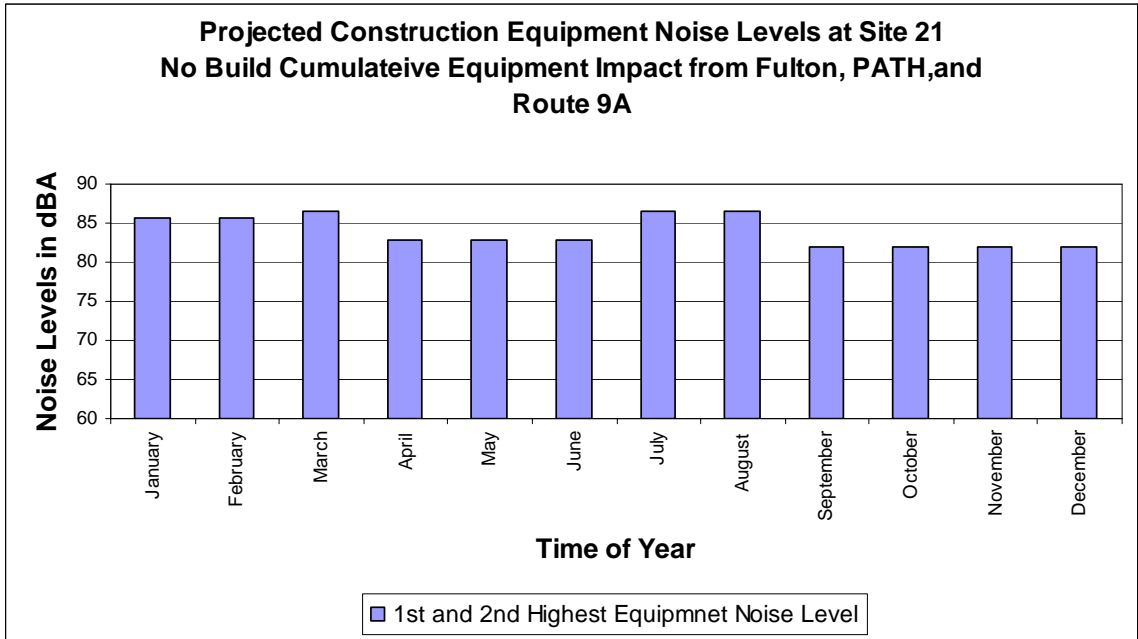
**PATH, ROUTE 9A, and FSTC 1st and 2nd Highest,
No Action - Cumulative Equipment Noise Levels, Site 20**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	60	FSTC	56	PATH	61
February	60	FSTC	56	PATH	61
March	60	FSTC	56	PATH	61
April	55	FSTC	53	FSTC	57
May	56	PATH	55	FSTC	59
June	56	PATH	53	FSTC	58
July	60	FSTC	56	PATH	61
August	60	FSTC	56	PATH	61
September	56	PATH	53	FSTC	58
October	56	PATH	53	FSTC	58
November	53	FSTC	50	FSTC	55
December	53	FSTC	50	FSTC	55



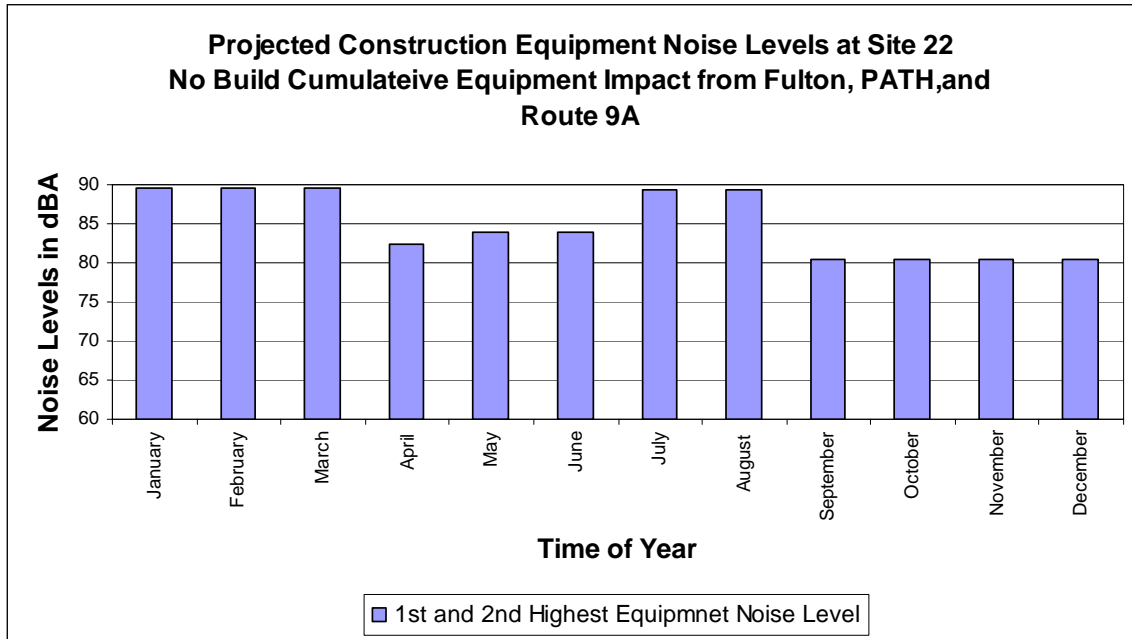
**PATH, ROUTE 9A, and FSTC 1st and 2nd Highest,
No Action - Cumulative Equipment Noise Levels, Site 21**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	85	FSTC	77	FSTC	86
February	85	FSTC	77	FSTC	86
March	85	FSTC	81	FSTC	86
April	81	FSTC	78	FSTC	83
May	81	FSTC	78	FSTC	83
June	81	FSTC	78	FSTC	83
July	85	FSTC	81	FSTC	86
August	85	FSTC	81	FSTC	86
September	81	FSTC	75	FSTC	82
October	81	FSTC	75	FSTC	82
November	81	FSTC	75	FSTC	82
December	81	FSTC	75	FSTC	82



**PATH, ROUTE 9A, and FSTC 1st and 2nd Highest,
No Action - Cumulative Equipment Noise Levels, Site 22**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	89	FSTC	80	FSTC	90
February	89	FSTC	80	FSTC	90
March	89	FSTC	80	FSTC	90
April	81	FSTC	77	FSTC	82
May	81	FSTC	81	FSTC	84
June	81	FSTC	81	FSTC	84
July	89	FSTC	78	FSTC	89
August	89	FSTC	78	FSTC	89
September	78	FSTC	77	FSTC	81
October	78	FSTC	77	FSTC	81
November	78	FSTC	77	FSTC	81
December	78	FSTC	77	FSTC	81



**APPENDIX H
NOISE
ANALYSIS YEAR 2006
BUILD ALTERNATIVE**

World Trade Center Memorial and Redevelopment Plan GEIS

TABLE
Traffic Volume, PCEs, Noise Level Differences
Build 2006 vs. No-Build 2006

Site ID	Site Name & Address	Land Use	2006 No-Build Traffic	2006 No-Build PCE	2006 Build Traffic	2006 Build PCE	Percent Increase	dBA Increase
1	PS 89 Playground on West St	Public Facilities & Institutions	4,352	9,793	4,414	11,833	20.8%	0.8
2	NW Corner of Murray St & West St	Open Space & Outdoor Recreation	4,352	9,793	4,414	11,833	20.8%	0.8
3	Embassy Suites & Regal Cinemas on Vessey St	Hotel	3,324	6,718	3,325	6,718	0.0%	0.0
4	World Financial Center/Dow Jones, on West St	Bikeway	4,302	11,117	4,335	12,208	9.8%	0.4
5	Gateway Plaza (coner of Liberty St & South End Av)	Residential	494	1,569	506	1,949	24.2%	0.9
6	SW corner of Albany St & West Street (parking lot)	Residential	4,079	8,806	4,079	8,806	0.0%	0.0
7	Cedar St & Washington St (Fence on Cedar St)	Residential	-	-	-	-	-	-
8	Marriott Hotel-85 West Street, side of Albany Street	Residential	-	-	-	-	-	-
9	4 Albany St	Residential	-	-	-	-	-	-
10	120 Cedar St (on Greenwich St)	Institutional	-	-	-	-	-	-
11	114 Liberty St	Residential	58	239	77	856	258.2%	5.5
12	95 Trinity Building	Institutional	813	5,951	813	5,951	0.0%	0.0
13	SE corner of Liberty St & Trinity Pl (at Park corner)	Public Open Space	858	6,040	877	6,657	10.2%	0.4
14	Hilton Millennium Hotel-Dey Street	Hotel	1,123	7,645	1,147	8,451	10.5%	0.4
15	St. Peter's Church on Church St	Public Facilities & Institutions	1,103	8,328	1,139	9,514	14.2%	0.6
16	100 Church Street-Barclay St Entrance	Commercial & Office	178	1,577	178	1,577	0.0%	0.0
17	Barclay St & Washington Street Intersection	Commercial & Office	200	710	231	1,707	140.5%	3.8
18	Park Pl & Greenwich St (corner of BMCC)	Commercial & Office	-	-	-	-	-	-
19	NE corner of Park Pl & West Broadway	Residential	-	-	-	-	-	-
20	Tower 270-Broadway & Chambers	Residential	1,091	5,640	1,096	5,783	2.5%	0.1
21	NW corner of Broadway & Fulton St	Church	1,191	5,470	1,196	5,613	2.6%	0.1
22	180 Broadway	Residential	1,191	5,750	1,196	5,893	2.5%	0.1
23	WTC pit	Under Construction	4,302	11,117	4,335	12,208	9.8%	0.4
24	WTC pit	Under Construction	4,302	11,117	4,335	12,208	9.8%	0.4

TABLE
Traffic Volume, PCEs, Noise Level Differences
Build 2006 vs. No-Build 2006 Baseline

Site ID	Site Name & Address	Land Use	2006 No-Build Baseline Traffic	2006 No-Build Baseline PCE	2006 Build Traffic	2006 Build PCE	Percent Increase	dBA Increase
1	PS 89 Playground on West St	Public Facilities & Institutions	4,318	8,701	4,414	11,833	36.0%	1.3
2	NW Corner of Murray St & West St	Open Space & Outdoor Recreation	4,318	8,701	4,414	11,833	36.0%	1.3
3	Embassy Suites & Regal Cinemas on Vessey St	Hotel	3,324	6,698	3,325	6,718	0.3%	0.0
4	World Financial Center/Dow Jones, on West St	Bikeway	4,274	10,215	4,335	12,208	19.5%	0.8
5	Gateway Plaza (coner of Liberty St & South End Av)	Residential	493	1,553	506	1,949	25.5%	1.0
6	SW corner of Albany St & West Street (parking lot)	Residential	4,079	8,811	4,079	8,806	-0.1%	0.0
7	Cedar St & Washington St (Fence on Cedar St)	Residential	-	-	-	-	-	-
8	Marriott Hotel-85 West Street, side of Albany Street	Residential	-	-	-	-	-	-
9	4 Albany St	Residential	-	-	-	-	-	-
10	120 Cedar St (on Greenwich St)	Institutional	-	-	-	-	-	-
11	114 Liberty St	Residential	53	167	77	856	412.7%	7.1
12	95 Trinity Building	Institutional	805	5,667	813	5,951	5.0%	0.2
13	SE corner of Liberty St & Trinity Pl (at Park corner)	Public Open Space	858	6,040	877	6,657	10.2%	0.4
14	Hilton Millennium Hotel-Dey Street	Hotel	1,100	6,886	1,147	8,451	22.7%	0.9
15	St. Peter's Church on Church St	Public Facilities & Institutions	1,077	7,474	1,139	9,514	27.3%	1.0
16	100 Church Street-Barclay St Entrance	Commercial & Office	140	343	178	1,577	359.8%	6.6
17	Barclay St & Washington Street Intersection	Commercial & Office	193	473	231	1,707	261.0%	5.6
18	Park Pl & Greenwich St (corner of BMCC)	Commercial & Office	-	-	-	-	-	-
19	NE corner of Park Pl & West Broadway	Residential	-	-	-	-	-	-
20	Tower 270-Broadway & Chambers	Residential	1,069	4,928	1,096	5,783	17.3%	0.7
21	NW corner of Broadway & Fulton St	Church	1,169	4,758	1,196	5,613	18.0%	0.7
22	180 Broadway	Residential	1,169	5,038	1,196	5,893	17.0%	0.7
23	WTC pit	Under Construction	4,274	10,215	4,335	12,208	19.5%	0.8
24	WTC pit	Under Construction	4,274	10,215	4,335	12,208	19.5%	0.8

TABLE
Traffic Volume, PCEs, Noise Level Differences
No-Build 2006 vs. No-Build 2006 Baseline

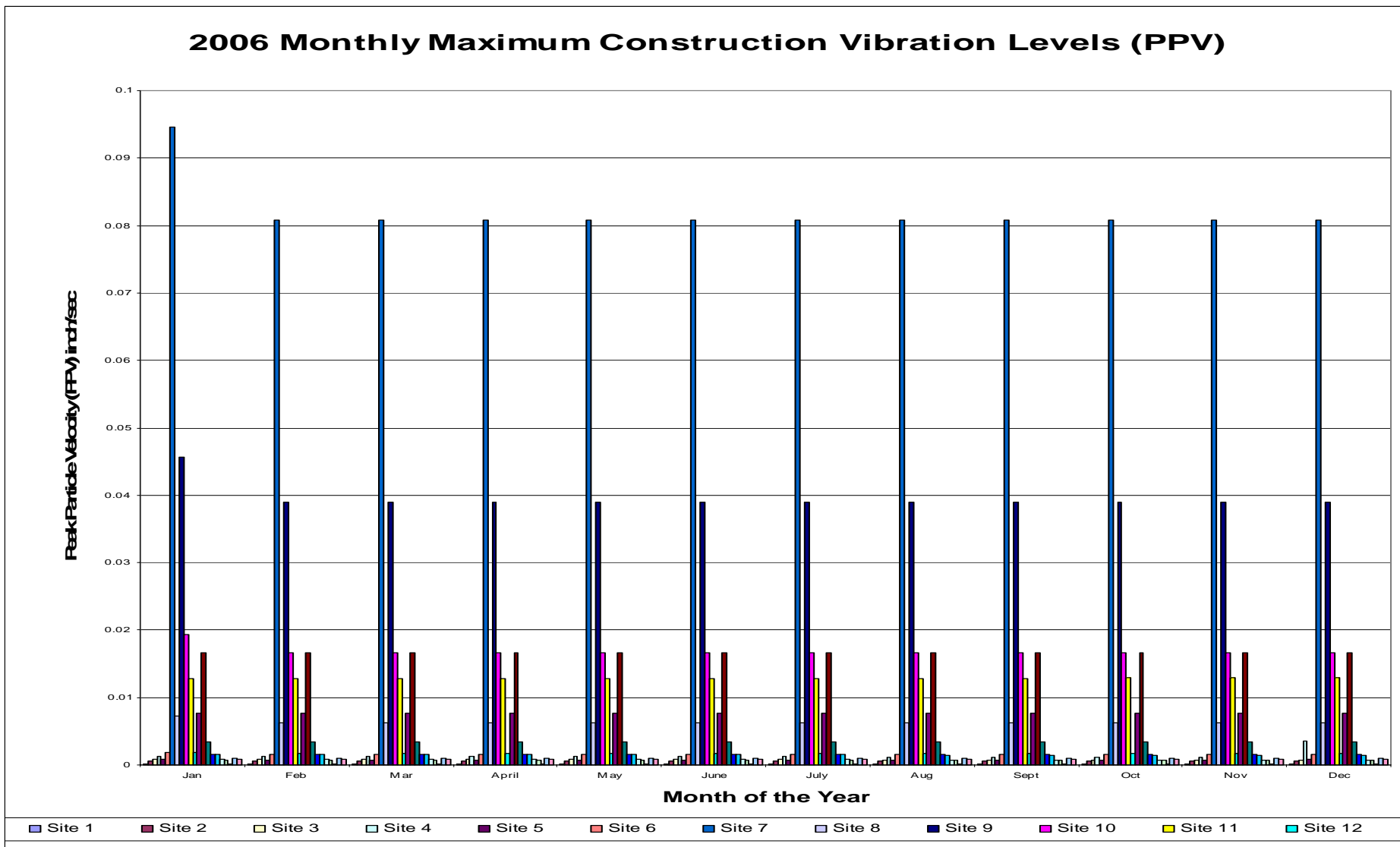
Site ID	Site Name & Address	Land Use	2006 No-Build Baseline Traffic	2006 No-Build Baseline PCE	2006 No-Build Traffic	2006 No-Build PCE	Percent Increase	dBA Increase
1	PS 89 Playground on West St	Public Facilities & Institutions	4,318	8,701	4,352	9,793	12.6%	0.5
2	NW Corner of Murray St & West St	Open Space & Outdoor Recreation	4,318	8,701	4,352	9,793	12.6%	0.5
3	Embassy Suites & Regal Cinemas on Vessey St	Hotel	3,324	6,698	3,324	6,718	0.3%	0.0
4	World Financial Center/Dow Jones, on West St	Bikeway	4,274	10,215	4,302	11,117	8.8%	0.4
5	Gateway Plaza (coner of Liberty St & South End Av)	Residential	493	1,553	494	1,569	1.0%	0.0
6	SW corner of Albany St & West Street (parking lot)	Residential	4,079	8,811	4,079	8,806	-0.1%	0.0
7	Cedar St & Washington St (Fence on Cedar St)	Residential	-	-	-	-	-	-
8	Marriott Hotel-85 West Street, side of Albany Street	Residential	-	-	-	-	-	-
9	4 Albany St	Residential	-	-	-	-	-	-
10	120 Cedar St (on Greenwich St)	Institutional	-	-	-	-	-	-
11	114 Liberty St	Residential	53	167	58	239	43.2%	1.6
12	95 Trinity Building	Institutional	805	5,667	813	5,951	5.0%	0.2
13	SE corner of Liberty St & Trinity Pl (at Park corner)	Public Open Space	858	6,040	858	6,040	0.0%	0.0
14	Hilton Millennium Hotel-Dey Street	Hotel	1,100	6,886	1,123	7,645	11.0%	0.5
15	St. Peter's Church on Church St	Public Facilities & Institutions	1,077	7,474	1,103	8,328	11.4%	0.5
16	100 Church Street-Barclay St Entrance	Commercial & Office	140	343	178	1,577	359.8%	6.6
17	Barclay St & Washington Street Intersection	Commercial & Office	193	473	200	710	50.1%	1.8
18	Park Pl & Greenwich St (corner of BMCC)	Commercial & Office	-	-	-	-	-	-
19	NE corner of Park Pl & West Broadway	Residential	-	-	-	-	-	-
20	Tower 270-Broadway & Chambers	Residential	1,069	4,928	1,091	5,640	14.4%	0.6
21	NW corner of Broadway & Fulton St	Church	1,169	4,758	1,191	5,470	15.0%	0.6
22	180 Broadway	Residential	1,169	5,038	1,191	5,750	14.1%	0.6
23	WTC pit	Under Construction	4,274	10,215	4,302	11,117	8.8%	0.4
24	WTC pit	Under Construction	4,274	10,215	4,302	11,117	8.8%	0.4

World Trade Center Memorial and Redevelopment Plan GEIS

2006 Monthly Maximum Construction Vibration PPV Level (Inch/Second)															
Site	Site Name & Address	Land Use	Distance to Nearest Construction Activities (feet)	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1	PS 89 Playground on West St	Public Facilities & Institutions	1,149	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
2	NW Corner of Murray St & West St	Open Space & Outdoor Recreation	697	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
3	Embassy Suites & Regal Cinemas on Vesey St	Hotel	540	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0007	0.0007	0.0007	0.0007	0.0007
4	World Financial Center/Dow Jones, on West St	Bikeway	191	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0012	0.0012	0.0012	0.0012	0.0036
5	Gateway Plaza (corner of Liberty St & South End Av)	Residential	531	0.0008	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0008
6	SW corner of Albany St & West Street (parking lot)	Residential	331	0.0018	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016
7	Cedar St & Washington St (Fence on Cedar St)	Residential	24	0.0946	0.0808	0.0808	0.0808	0.0808	0.0808	0.0808	0.0808	0.0808	0.0808	0.0808	0.0808
8	Marriott Hotel-85 West Street, side of Albany Street	Residential	132	0.0073	0.0063	0.0063	0.0063	0.0063	0.0063	0.0063	0.0063	0.0063	0.0063	0.0063	0.0063
9	4 Albany St	Residential	39	0.0457	0.0390	0.0390	0.0390	0.0390	0.0390	0.0390	0.0390	0.0390	0.0390	0.0390	0.0390
10	120 Cedar St (on Greenwich St)	Institutional	69	0.0194	0.0166	0.0166	0.0166	0.0166	0.0166	0.0166	0.0166	0.0166	0.0166	0.0166	0.0166
11	114 Liberty St	Residential	81	0.0128	0.0128	0.0128	0.0128	0.0128	0.0128	0.0128	0.0128	0.0128	0.0130	0.0130	0.0130
12	95 Trinity Building	Institutional	318	0.0018	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
13	SE corner of Liberty St & Trinity Pl (at Park corner)	Public Open Space	115	0.0077	0.0077	0.0077	0.0077	0.0077	0.0077	0.0077	0.0077	0.0077	0.0077	0.0077	0.0077
14	Hilton Millennium Hotel-Dey Street	Hotel	69	0.0166	0.0166	0.0166	0.0166	0.0166	0.0166	0.0166	0.0166	0.0166	0.0166	0.0166	0.0166

World Trade Center Memorial and Redevelopment Plan GEIS

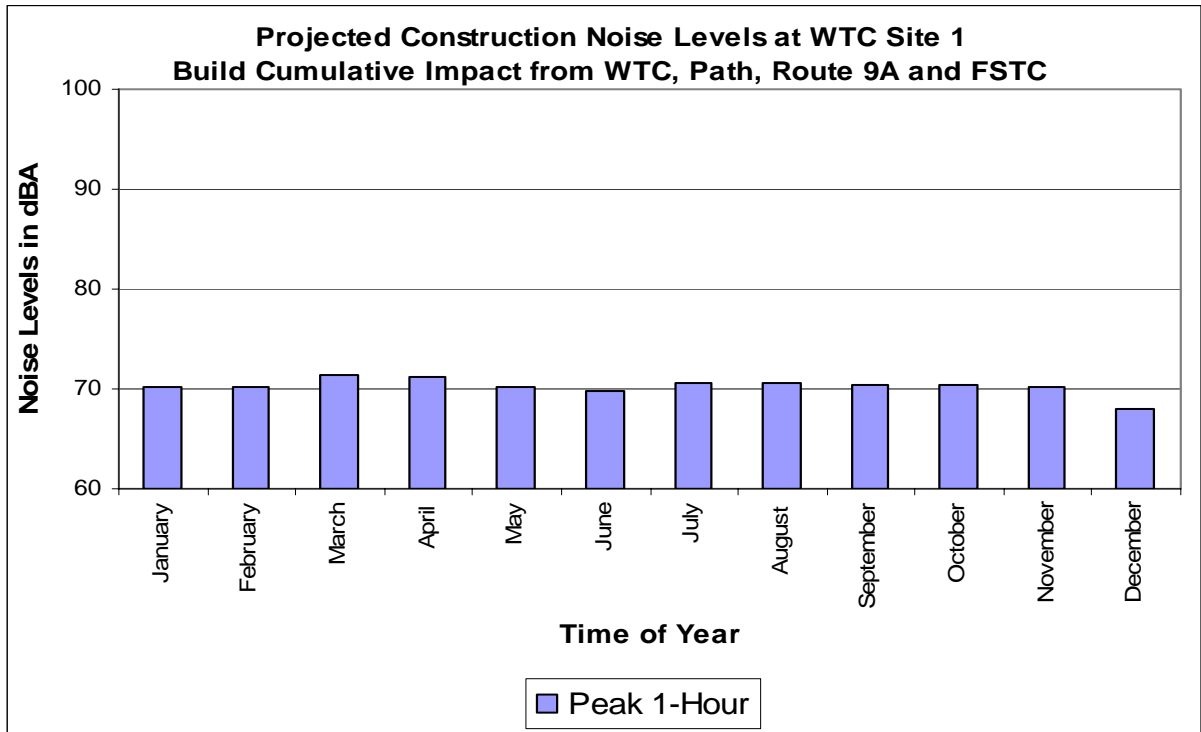
15	St. Peter's Church on Church St	Public Facilities & Institutions	198	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034
16	100 Church Street-Barclay St Entrance	Commercial & Office	339	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015
17	Barclay St & Washington Street Intersection	Commercial & Office	339	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0014	0.0014	0.0014	0.0014	0.0014
18	Park Pl & Greenwich St (corner of BMCC)	Commercial & Office	542	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0007	0.0007	0.0007	0.0007	0.0007
19	NE corner of Park Pl & West Broadway	Residential	548	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007
20	Tower 270-Broadway & Chambers	Residential	1,302	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
21	NW corner of Broadway & Fulton St	Church	460	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
22	180 Broadway	Residential	470	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009



**ANALYSIS YEAR 2006
BUILD ALTERNATIVE
STATIONARY SOURCES – 1 HOUR LEQ
SITES 1 - 22**

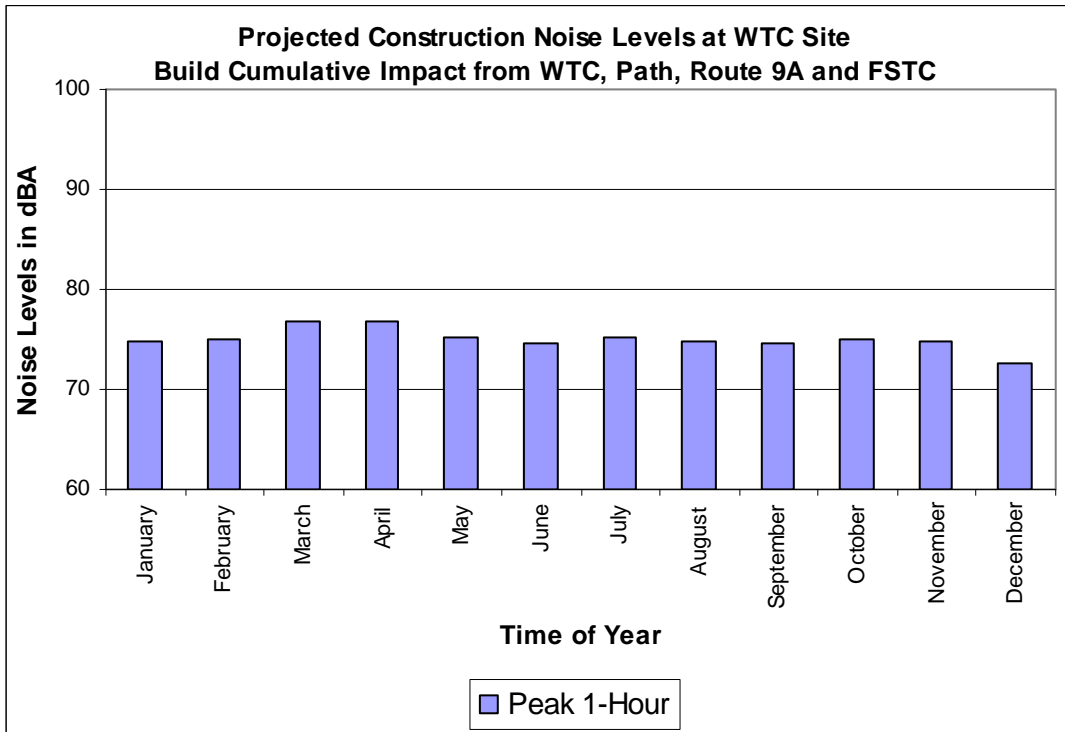
Projected Construction Noise Levels for Build Alternative – 1 Hour Leq

Site 1					
Month	PATH	FSTC	RTE 9A	WTC	Peak 1-Hour
January	62	59	65	67	70
February	61	60	65	67	70
March	61	60	68	67	71
April	61	58	68	67	71
May	62	59	65	67	70
June	62	57	64	67	70
July	63	59	64	68	71
August	63	58	64	68	71
September	62	56	64	68	70
October	62	55	67	66	70
November	60	55	67	66	70
December	59	55	63	65	68



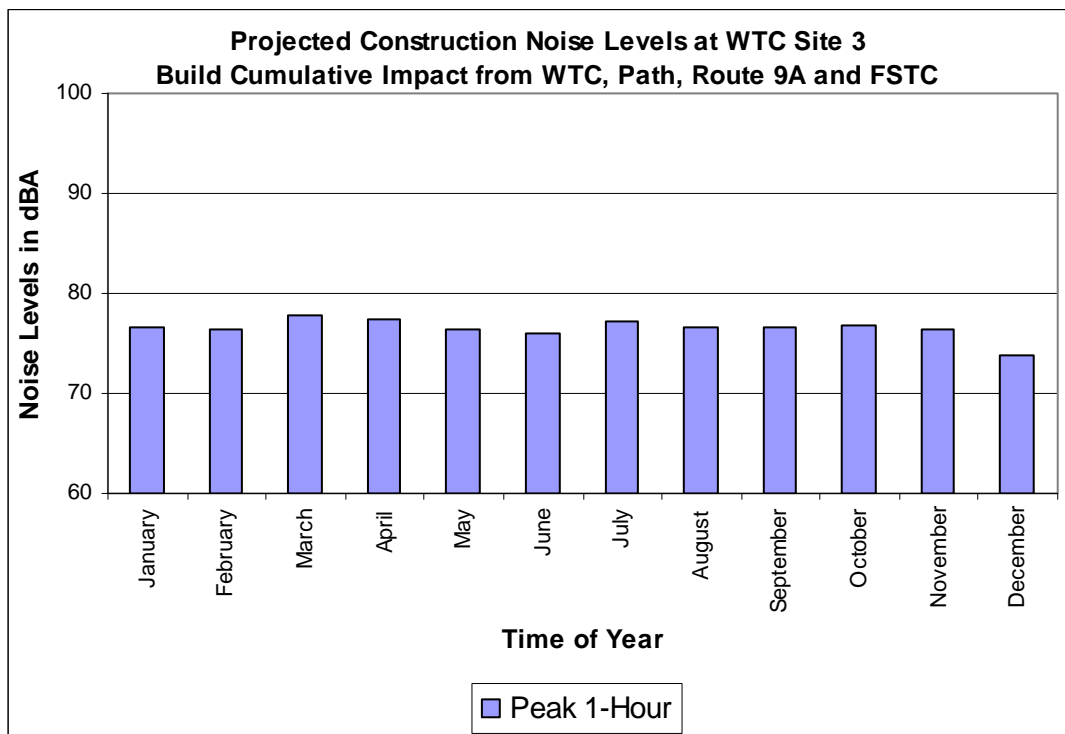
Projected Construction Noise Levels for Build Alternative – 1 Hour Leq

Site 2					
Month	PATH	FSTC	RTE 9A	WTC	Peak 1-Hour
January	65	61	72	70	75
February	64	61	72	71	75
March	64	62	75	71	77
April	64	59	75	71	77
May	65	60	72	71	75
June	65	58	71	71	75
July	66	60	71	72	75
August	66	60	71	71	75
September	65	57	71	71	75
October	65	56	73	69	75
November	62	56	73	69	75
December	62	56	70	68	73



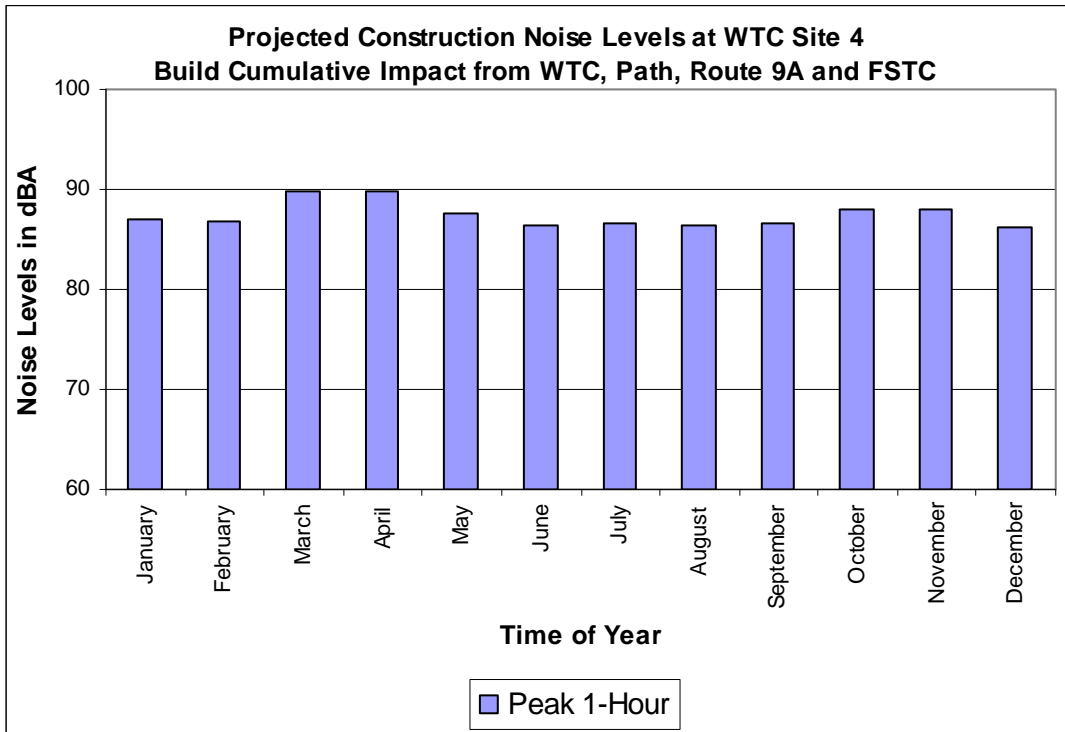
Projected Construction Noise Levels for Build Alternative – 1 Hour Leq

Site 3					
Month	PATH	FSTC	RTE 9A	WTC	Peak 1-Hour
January	71	61	72	72	77
February	70	61	72	72	76
March	70	62	75	72	78
April	68	59	75	72	77
May	70	60	72	72	76
June	70	58	71	72	76
July	71	60	71	74	77
August	71	60	71	73	77
September	71	57	71	73	77
October	70	56	74	71	77
November	67	56	74	71	76
December	66	56	70	70	74



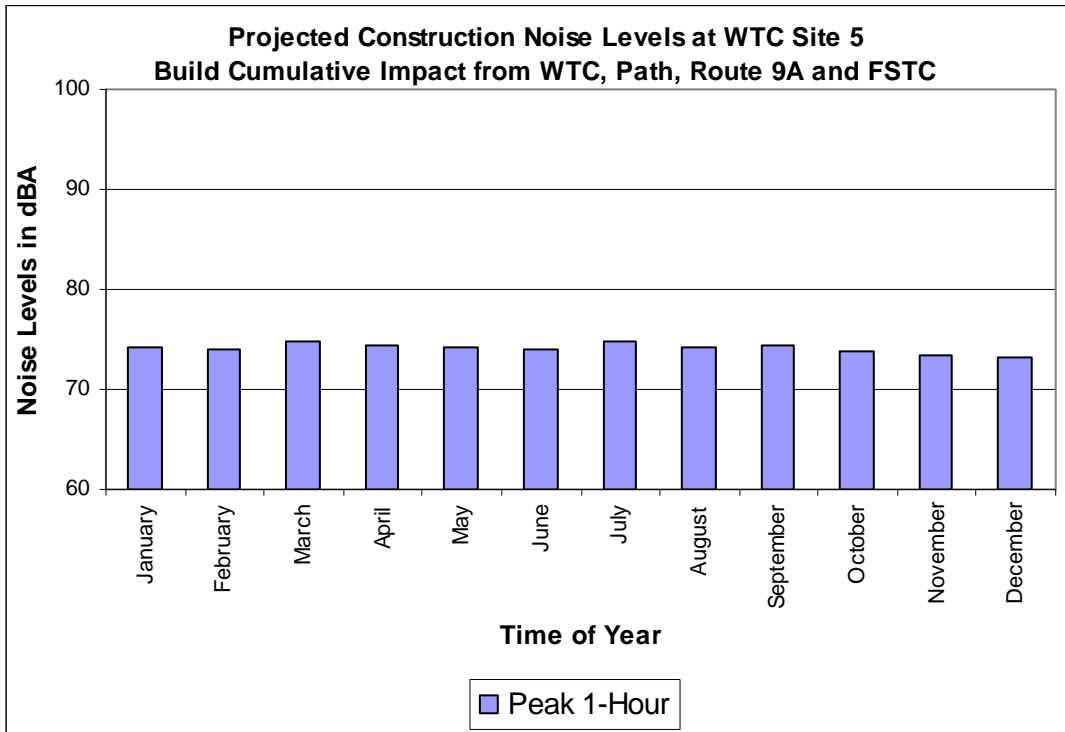
Projected Construction Noise Levels for Build Alternative – 1 Hour Leq

Site 4					
Month	PATH	FSTC	RTE 9A	WTC	Peak 1-Hour
January	77	63	85	81	87
February	76	64	85	81	87
March	76	65	89	81	90
April	75	61	89	81	90
May	77	62	86	81	88
June	77	61	84	81	86
July	77	63	84	82	87
August	77	62	84	81	86
September	76	60	84	82	87
October	76	59	87	80	88
November	73	59	87	80	88
December	73	59	83	83	86



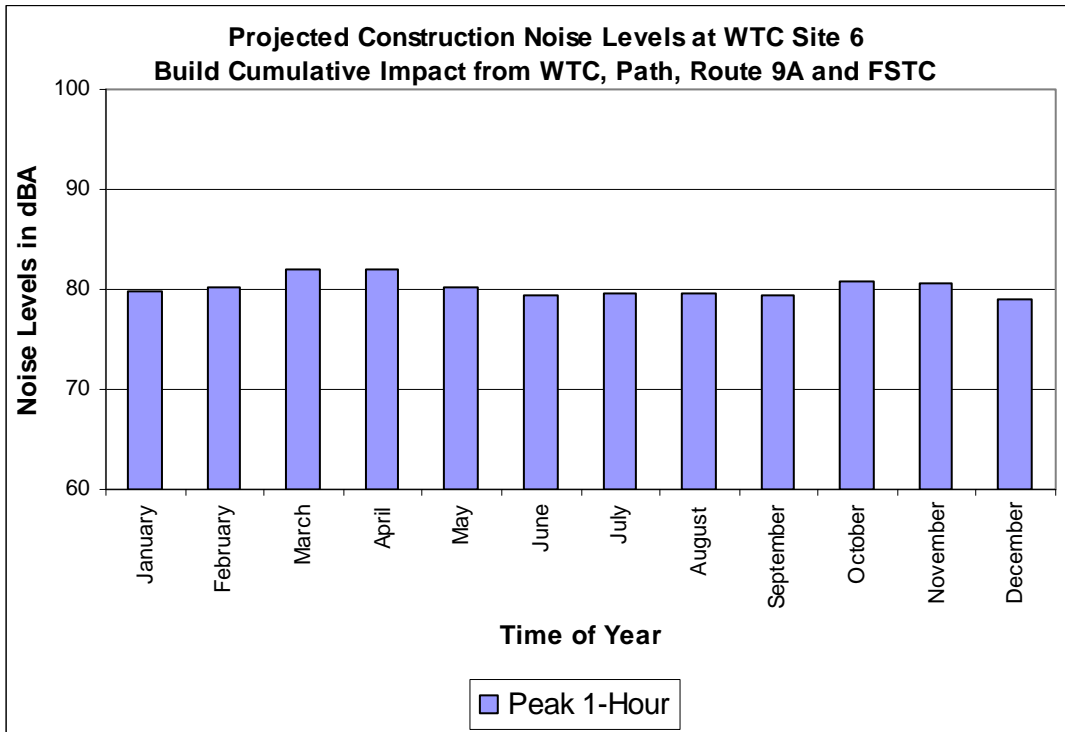
Projected Construction Noise Levels for Build Alternative – 1 Hour Leq

Site 5					
Month	PATH	FSTC	RTE 9A	WTC	Peak 1-Hour
January	67	62	66	72	74
February	66	62	66	72	74
March	66	63	69	72	75
April	65	60	69	72	74
May	67	61	66	72	74
June	67	59	65	72	74
July	68	61	65	73	75
August	68	61	65	72	74
September	66	58	65	73	74
October	67	57	68	71	74
November	64	57	68	71	73
December	63	57	64	72	73



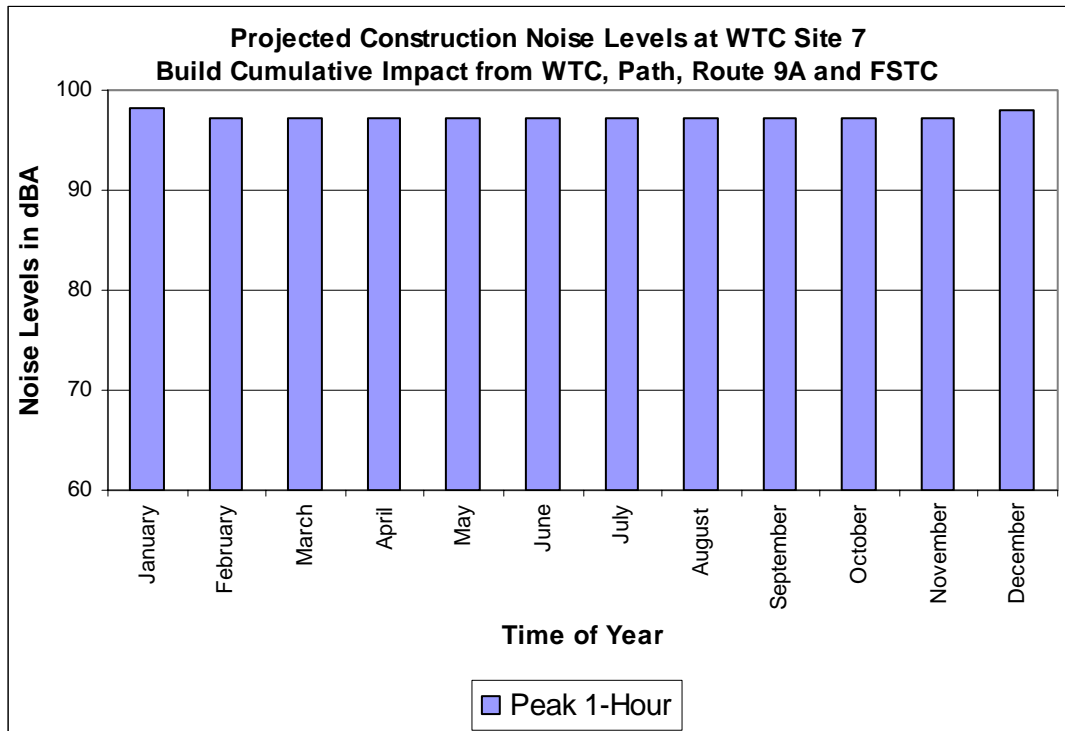
Projected Construction Noise Levels for Build Alternative – 1 Hour Leq

Site 6					
Month	PATH	FSTC	RTE 9A	WTC	Peak 1-Hour
January	67	63	77	76	80
February	66	63	77	77	80
March	66	64	80	77	82
April	66	61	80	77	82
May	67	62	77	77	80
June	67	61	75	77	79
July	68	63	75	77	80
August	68	62	75	77	80
September	67	59	75	77	79
October	67	58	78	77	81
November	65	58	78	77	81
December	64	58	74	77	79



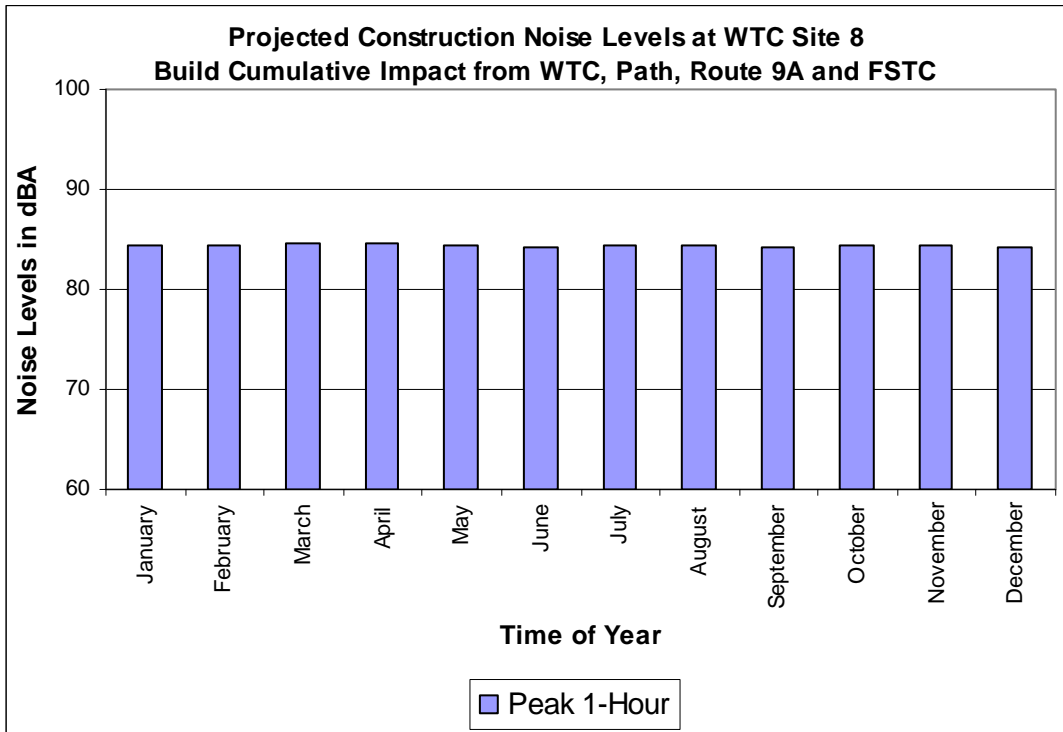
Projected Construction Noise Levels for Build Alternative – 1 Hour Leq

Site 7					
Month	PATH	FSTC	RTE 9A	WTC	Peak 1-Hour
January	76	65	81	98	98
February	75	65	81	97	97
March	75	66	85	97	97
April	72	63	85	97	97
May	75	64	82	97	97
June	75	63	80	97	97
July	76	65	80	97	97
August	76	64	80	97	97
September	75	61	80	97	97
October	76	60	83	97	97
November	71	60	83	97	97
December	70	60	79	98	98



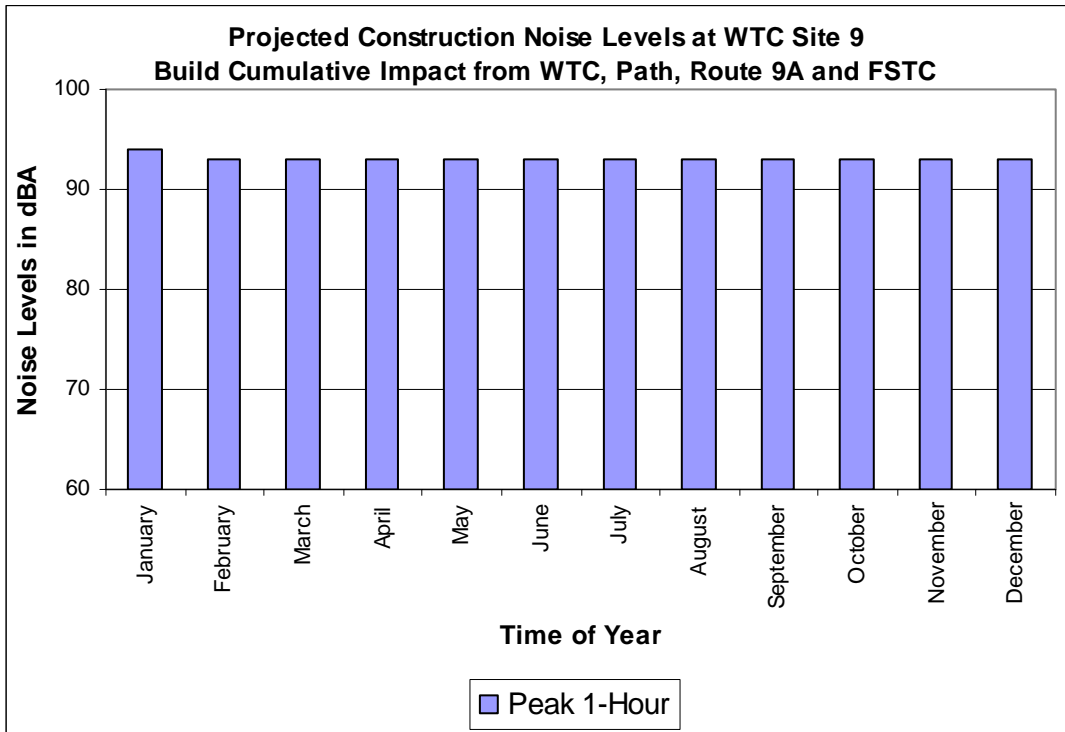
Projected Construction Noise Levels for Build Alternative – 1 Hour Leq

Site 8					
Month	PATH	FSTC	RTE 9A	WTC	Peak 1-Hour
January	68	64	72	84	84
February	67	65	72	84	84
March	67	65	75	84	85
April	66	62	75	84	85
May	68	63	72	84	84
June	68	62	70	84	84
July	69	64	70	84	84
August	69	63	70	84	84
September	68	61	70	84	84
October	68	60	73	84	84
November	65	60	73	84	84
December	65	60	69	84	84



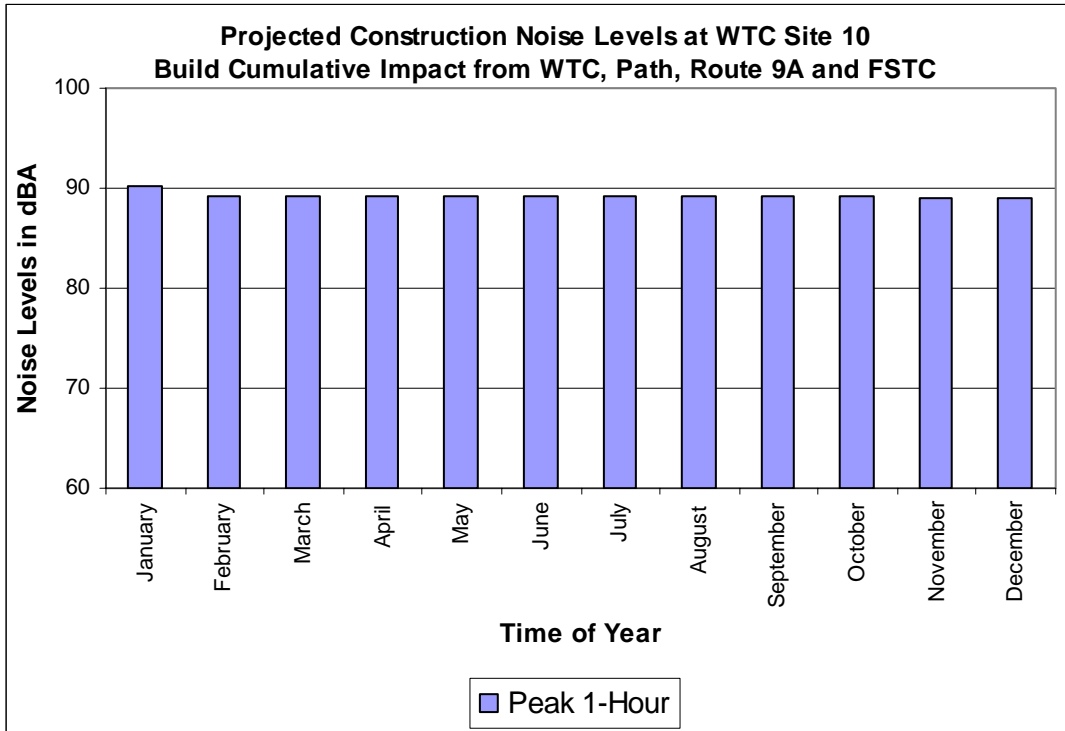
Projected Construction Noise Levels for Build Alternative – 1 Hour Leq

Site 9					
Month	PATH	FSTC	RTE 9A	WTC	Peak 1-Hour
January	72	65	63	94	94
February	71	66	63	93	93
March	71	66	64	93	93
April	68	63	64	93	93
May	71	64	64	93	93
June	71	63	53	93	93
July	72	65	53	93	93
August	72	65	53	93	93
September	71	62	53	93	93
October	72	61	53	93	93
November	68	61	53	93	93
December	67	61	62	93	93



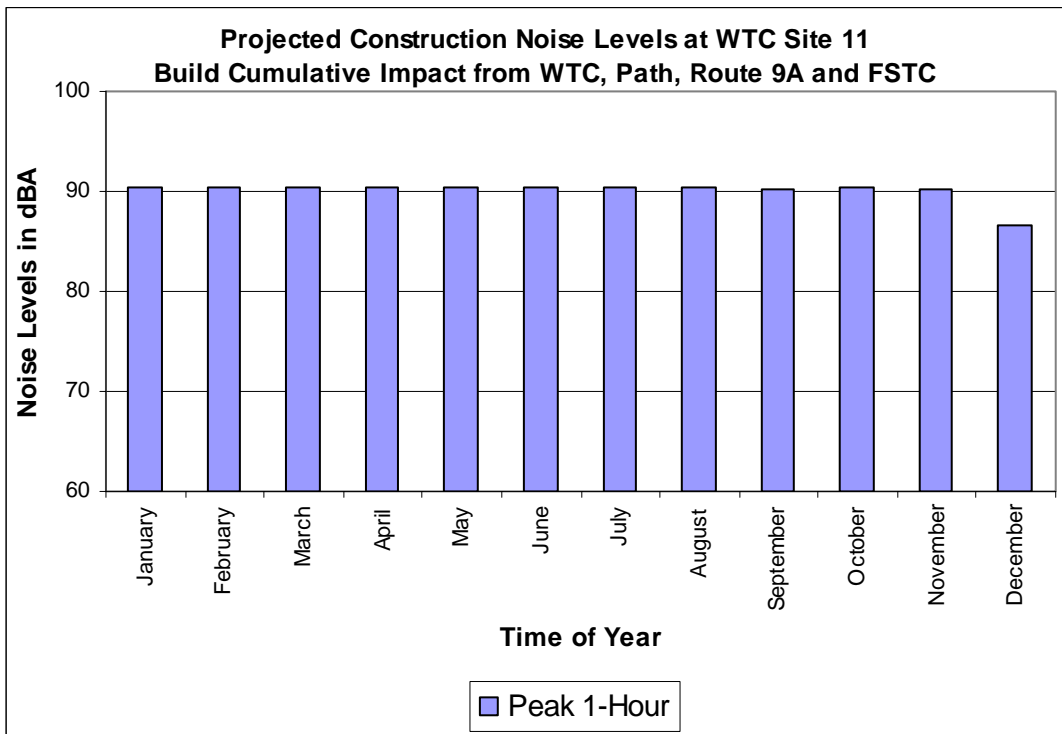
Projected Construction Noise Levels for Build Alternative – 1 Hour Leq

Site 10					
Month	PATH	FSTC	RTE 9A	WTC	Peak 1-Hour
January	75	67	64	90	90
February	74	68	64	89	89
March	74	69	67	89	89
April	72	65	67	89	89
May	74	66	64	89	89
June	74	65	63	89	89
July	75	67	63	89	89
August	75	67	63	89	89
September	74	64	63	89	89
October	75	63	65	89	89
November	71	63	65	89	89
December	70	63	61	89	89



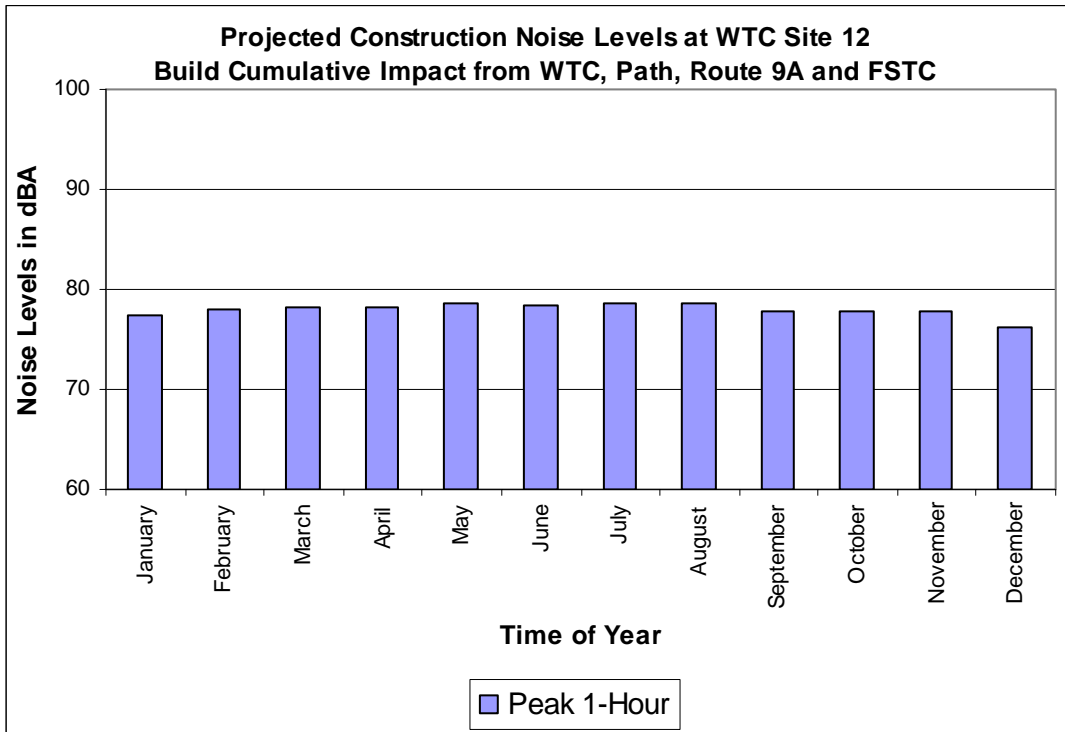
Projected Construction Noise Levels for Build Alternative – 1 Hour Leq

Site 11					
Month	PATH	FSTC	RTE 9A	WTC	Peak 1-Hour
January	79	69	67	90	90
February	78	70	67	90	90
March	78	70	70	90	90
April	79	67	70	90	90
May	80	68	67	90	90
June	80	67	66	90	90
July	80	69	66	90	90
August	80	68	66	90	90
September	78	66	66	90	90
October	79	65	69	90	90
November	77	65	69	90	90
December	77	65	65	86	87



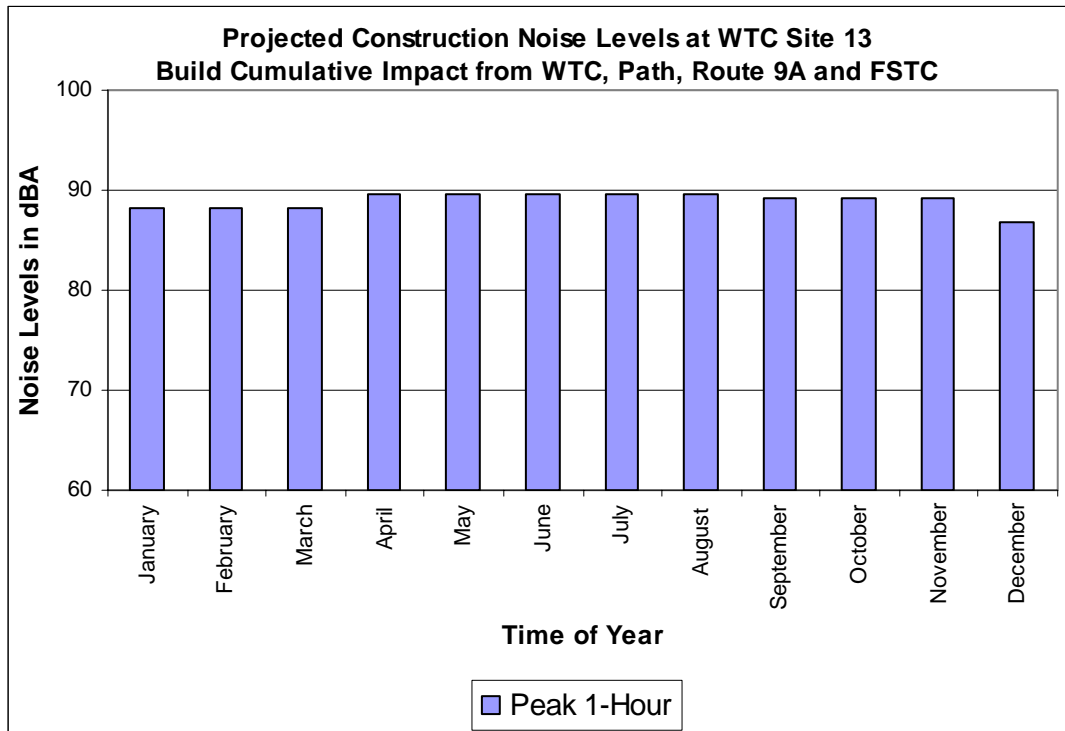
Projected Construction Noise Levels for Build Alternative – 1 Hour Leq

Site 12					
Month	PATH	FSTC	RTE 9A	WTC	Peak 1-Hour
January	72	68	60	75	77
February	72	68	60	76	78
March	72	69	63	76	78
April	73	67	63	76	78
May	74	67	60	76	79
June	74	66	59	76	78
July	74	68	59	76	79
August	74	68	59	76	79
September	72	65	59	76	78
October	72	65	62	76	78
November	72	65	62	76	78
December	71	65	58	74	76



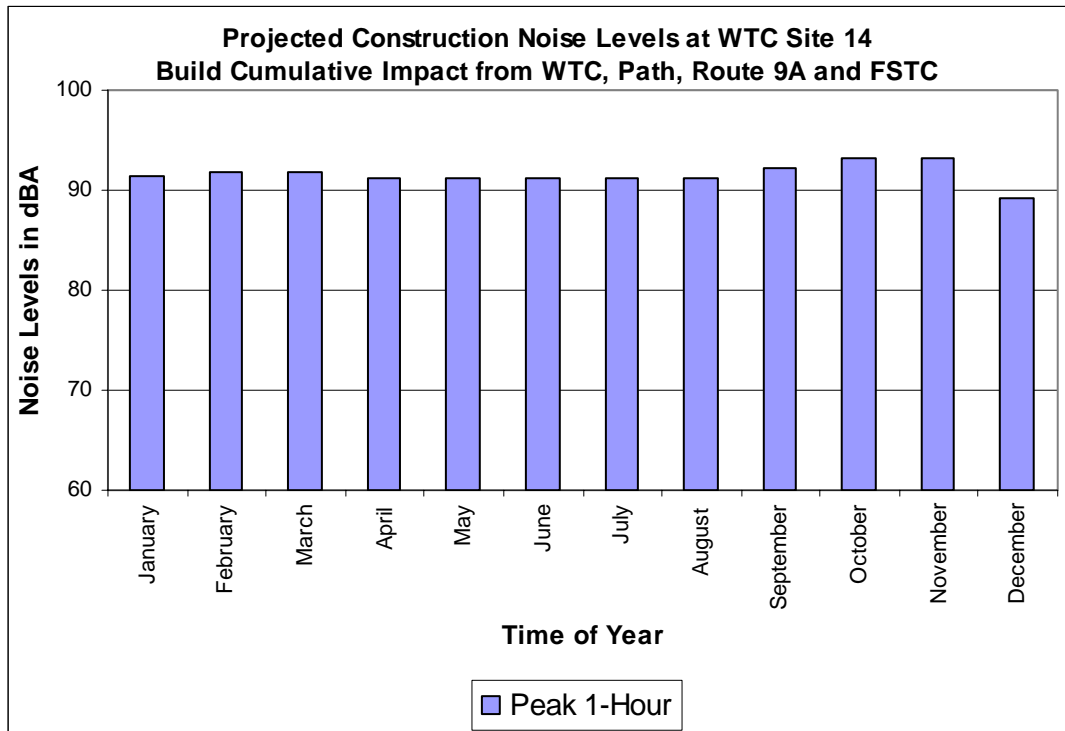
Projected Construction Noise Levels for Build Alternative – 1 Hour Leq

Site 13					
Month	PATH	FSTC	RTE 9A	WTC	Peak 1-Hour
January	84	70	65	86	88
February	84	70	65	86	88
March	84	71	68	86	88
April	87	69	68	86	90
May	87	69	65	86	90
June	87	69	64	86	90
July	87	70	64	86	90
August	87	70	64	86	90
September	85	67	64	87	89
October	85	67	67	87	89
November	85	67	67	87	89
December	85	67	63	82	87



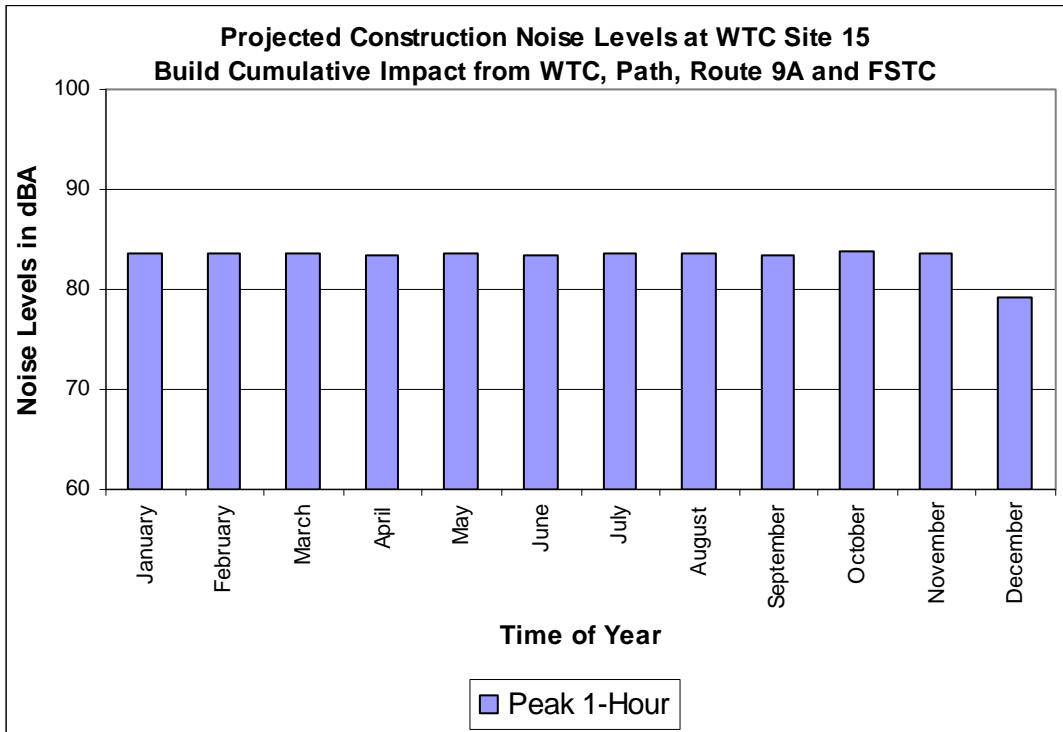
Projected Construction Noise Levels for Build Alternative – 1 Hour Leq

Site 14					
Month	PATH	FSTC	RTE 9A	WTC	Peak 1-Hour
January	75	79	64	91	91
February	74	83	64	91	92
March	74	83	67	91	92
April	72	74	67	91	91
May	74	75	63	91	91
June	74	74	63	91	91
July	75	75	63	91	91
August	75	75	63	91	91
September	74	73	63	92	92
October	87	72	65	92	93
November	87	72	65	92	93
December	87	72	61	85	89



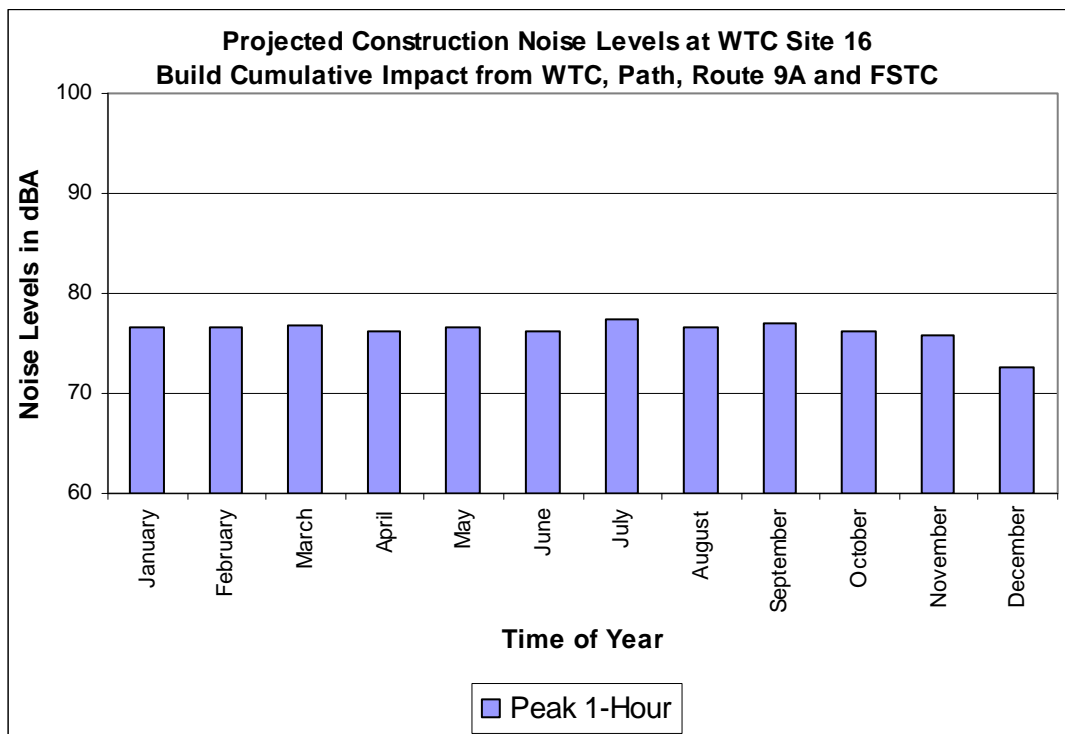
Projected Construction Noise Levels for Build Alternative – 1 Hour Leq

Site 15					
Month	PATH	FSTC	RTE 9A	WTC	Peak 1-Hour
January	73	71	58	83	84
February	72	72	58	83	84
March	72	72	61	83	84
April	69	70	61	83	83
May	72	71	58	83	84
June	72	69	57	83	83
July	73	71	57	83	84
August	73	70	57	83	84
September	72	68	57	83	83
October	75	66	59	83	84
November	73	66	59	83	84
December	72	66	55	78	79



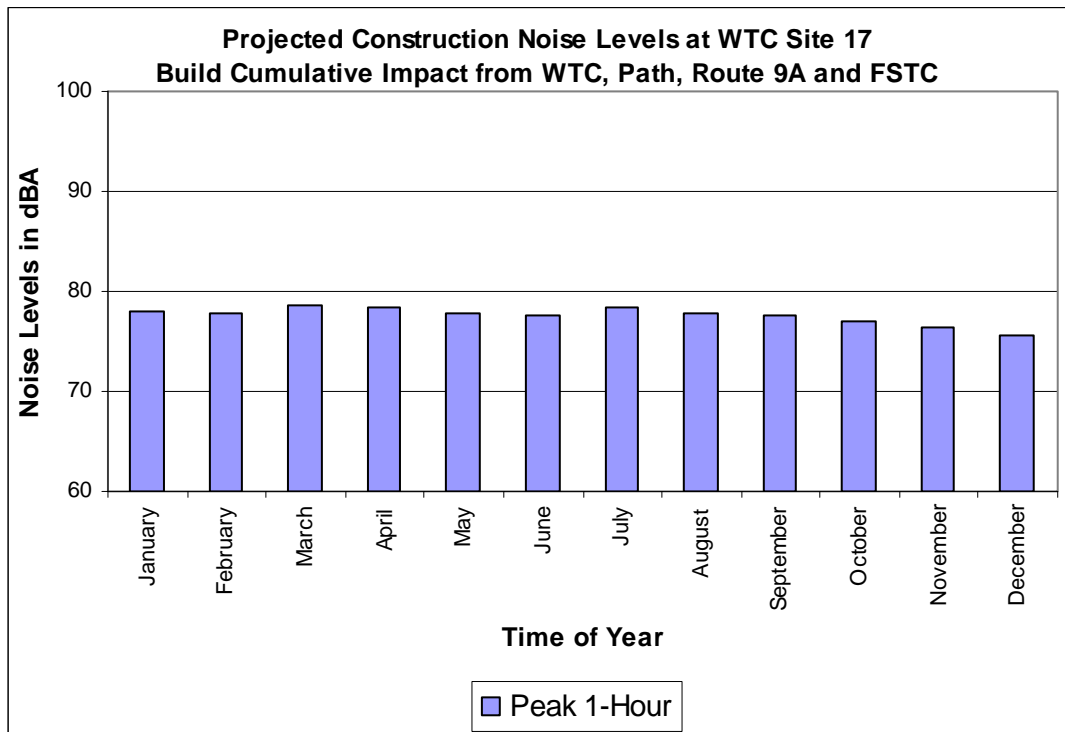
Projected Construction Noise Levels for Build Alternative – 1 Hour Leq

Site 16					
Month	PATH	FSTC	RTE 9A	WTC	Peak 1-Hour
January	69	68	59	75	77
February	68	69	59	75	77
March	68	69	62	75	77
April	65	67	62	75	76
May	68	68	59	75	77
June	68	66	58	75	76
July	69	68	58	76	77
August	69	67	58	75	77
September	68	65	58	76	77
October	69	63	60	75	76
November	66	63	60	75	76
December	65	63	56	71	73



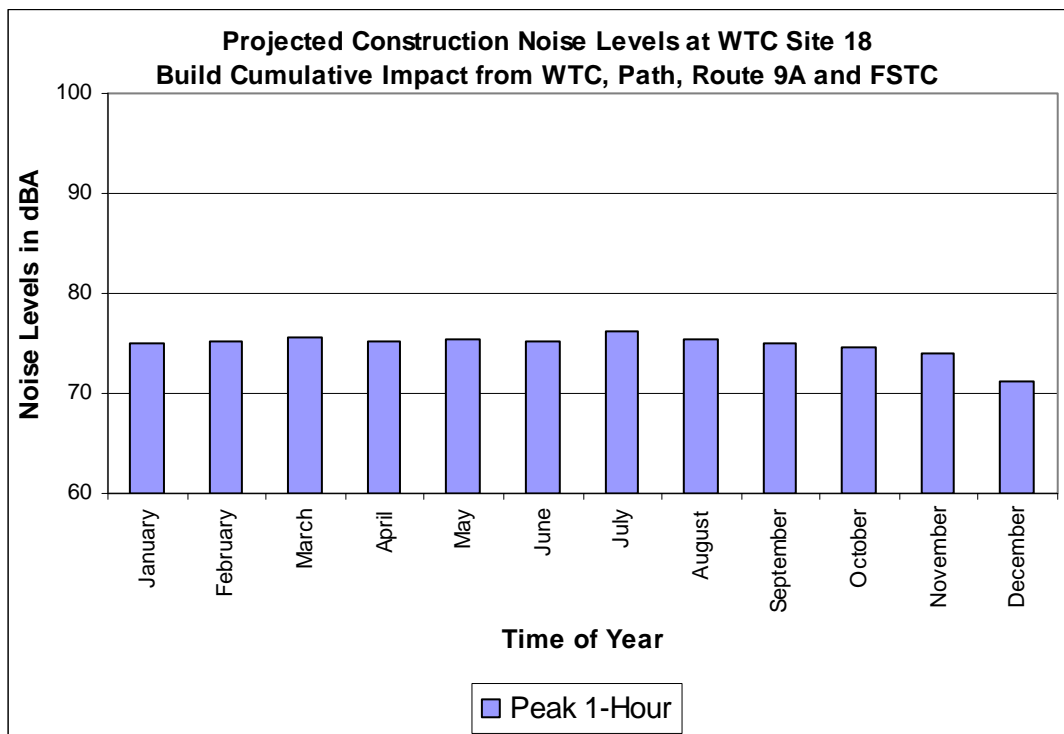
Projected Construction Noise Levels for Build Alternative – 1 Hour Leq

Site 17					
Month	PATH	FSTC	RTE 9A	WTC	Peak 1-Hour
January	69	63	71	76	78
February	68	64	71	76	78
March	68	64	74	76	79
April	66	61	74	76	78
May	68	62	71	76	78
June	68	61	70	76	78
July	69	63	70	77	78
August	69	62	70	76	78
September	68	59	70	76	78
October	69	59	72	74	77
November	64	59	72	74	76
December	63	59	69	74	76



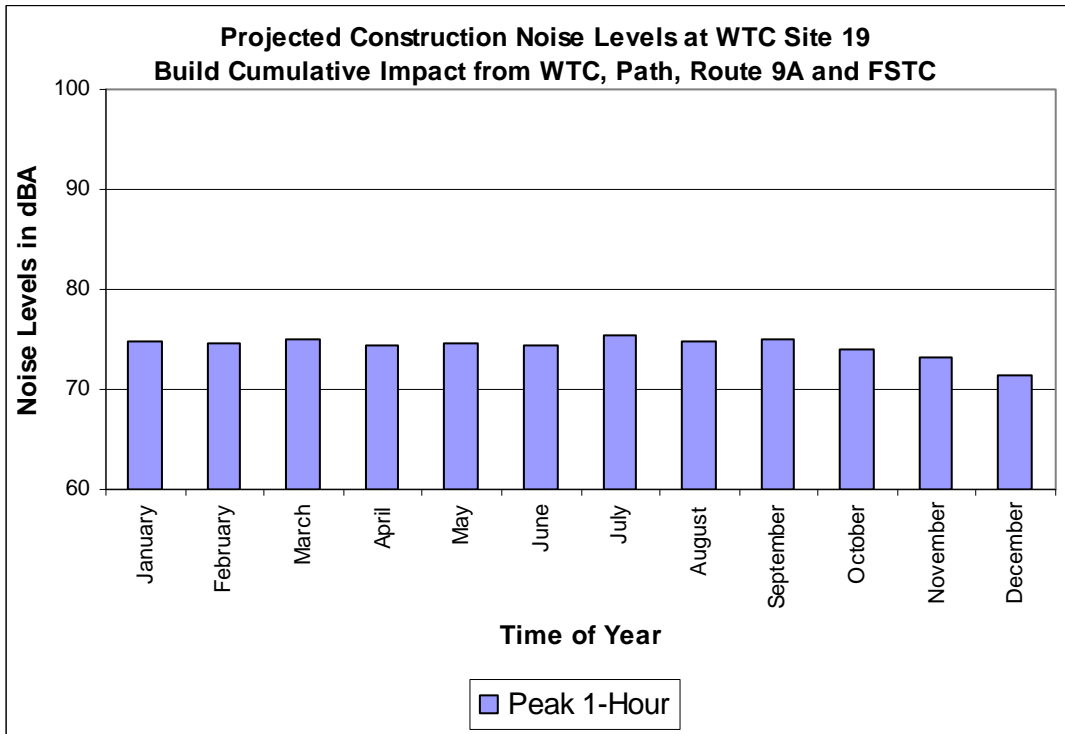
Projected Construction Noise Levels for Build Alternative – 1 Hour Leq

Site 18					
Month	PATH	FSTC	RTE 9A	WTC	Peak 1-Hour
January	68	65	62	73	75
February	66	65	62	74	75
March	66	66	65	74	76
April	64	63	65	74	75
May	67	64	62	74	75
June	67	62	61	74	75
July	68	64	61	75	76
August	68	64	61	74	75
September	66	61	61	74	75
October	68	60	63	73	75
November	63	60	63	73	74
December	62	60	59	70	71



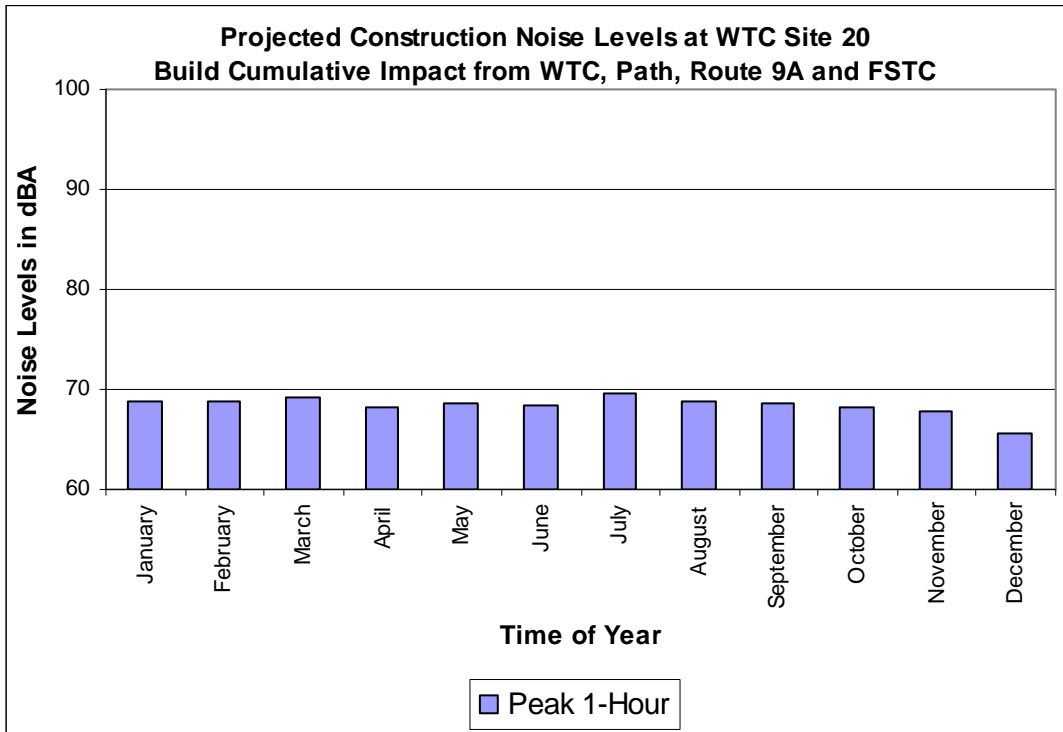
Projected Construction Noise Levels for Build Alternative – 1 Hour Leq

Site 19					
Month	PATH	FSTC	RTE 9A	WTC	Peak 1-Hour
January	67	66	60	73	75
February	66	66	60	73	75
March	66	67	63	73	75
April	64	64	63	73	74
May	67	65	60	73	75
June	67	63	59	73	74
July	68	65	59	74	75
August	68	65	59	73	75
September	66	62	59	74	75
October	68	61	61	72	74
November	64	61	61	72	73
December	63	61	57	70	71



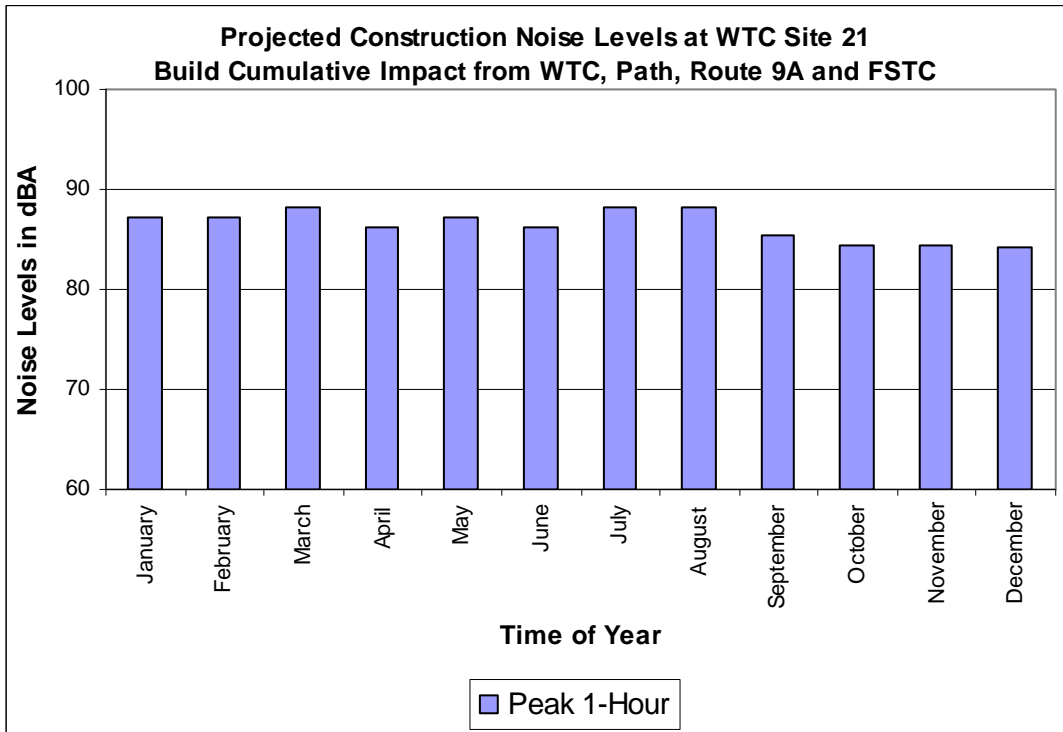
Projected Construction Noise Levels for Build Alternative – 1 Hour Leq

Site 20					
Month	PATH	FSTC	RTE 9A	WTC	Peak 1-Hour
January	60	64	53	66	69
February	59	64	53	66	69
March	59	65	56	66	69
April	57	62	56	66	68
May	60	63	53	66	69
June	60	62	53	66	68
July	61	64	53	67	70
August	61	63	53	66	69
September	59	61	53	67	69
October	61	60	55	66	68
November	58	60	55	66	68
December	57	60	51	63	66



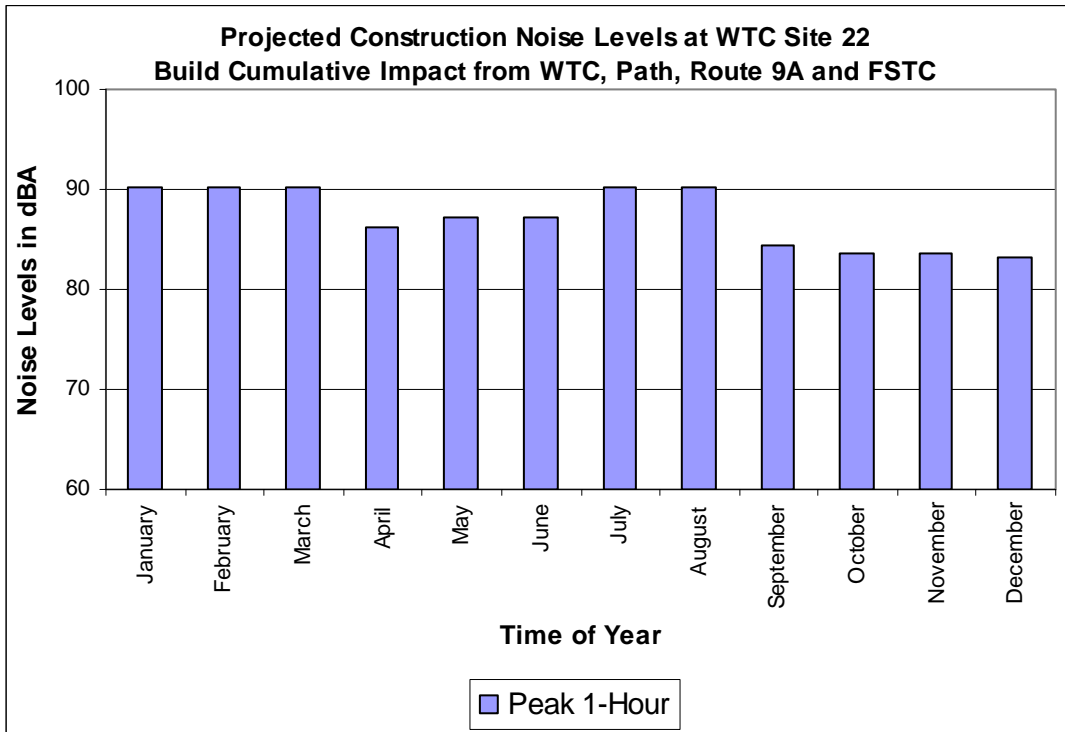
Projected Construction Noise Levels for Build Alternative – 1 Hour Leq

Site 21					
Month	PATH	FSTC	RTE 9A	WTC	Peak 1-Hour
January	66	87	56	73	87
February	65	87	56	73	87
March	65	88	59	73	88
April	63	86	59	73	86
May	65	87	56	73	87
June	65	86	55	73	86
July	66	88	55	73	88
August	66	88	55	73	88
September	65	85	55	73	85
October	68	84	57	73	84
November	67	84	57	73	84
December	66	84	53	68	84



Projected Construction Noise Levels for Build Alternative – 1 Hour Leq

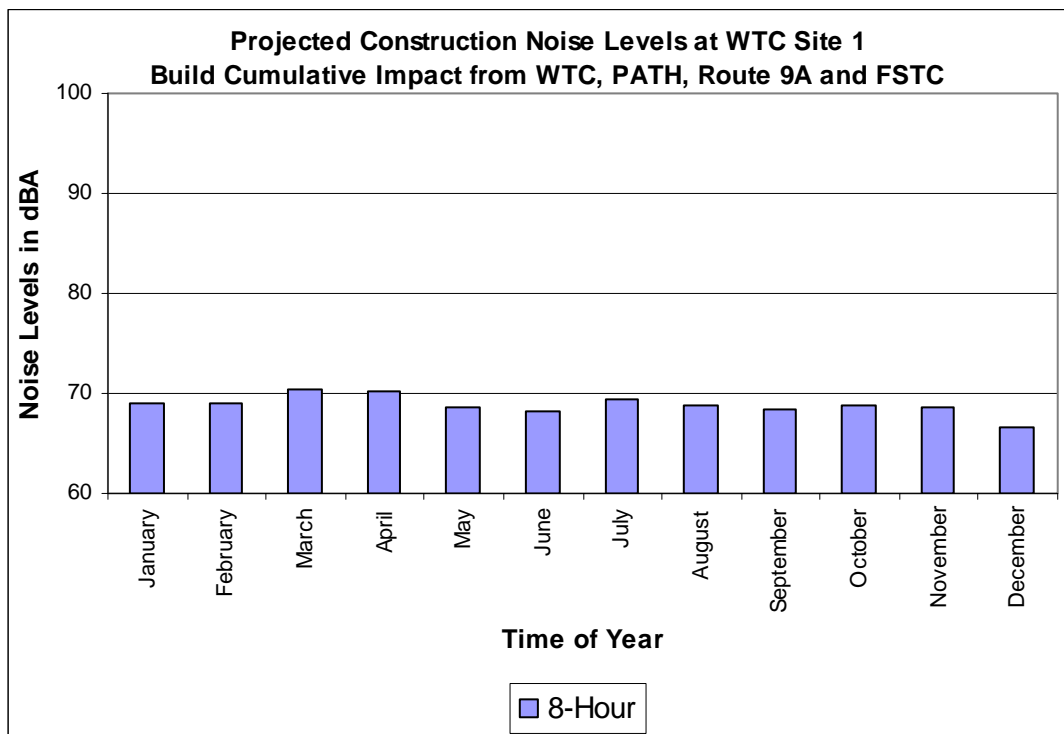
Site 22					
Month	PATH	FSTC	RTE 9A	WTC	Peak 1-Hour
January	67	90	57	73	90
February	66	90	57	73	90
March	66	90	59	73	90
April	65	86	59	73	86
May	67	87	56	73	87
June	67	87	56	73	87
July	68	90	56	73	90
August	68	90	56	73	90
September	66	84	56	73	84
October	69	83	58	73	84
November	67	83	58	73	84
December	67	83	54	69	83



**ANALYSIS YEAR 2006
BUILD ALTERNATIVE
STATIONARY SOURCES – 8 HOUR LEQ
SITES 1 - 22**

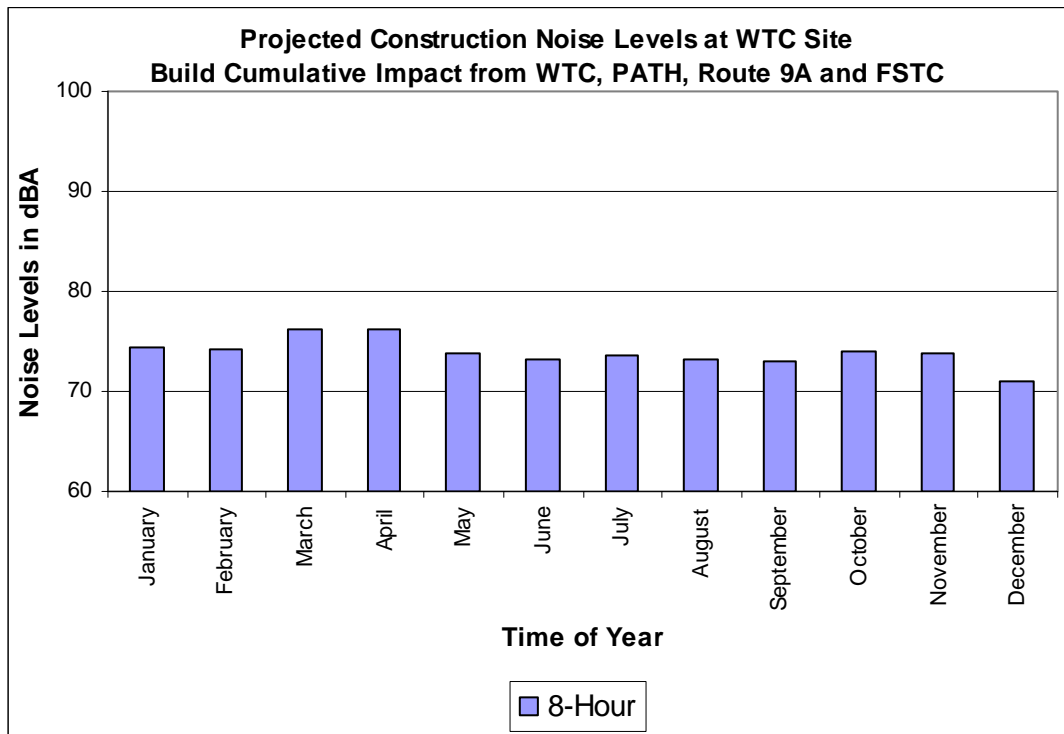
Projected Construction Noise Levels for Build Alternative – 8 Hour Leq

Site 1					
Month	PATH	FSTC	RTE 9A	WTC	8-Hour
January	61	57	65	65	69
February	60	57	65	65	69
March	60	57	68	65	70
April	59	55	68	65	70
May	61	56	64	65	69
June	61	54	63	65	68
July	61	57	63	67	69
August	61	57	63	66	69
September	60	3	63	66	68
October	61	52	65	65	69
November	58	52	65	65	69
December	58	52	61	64	67



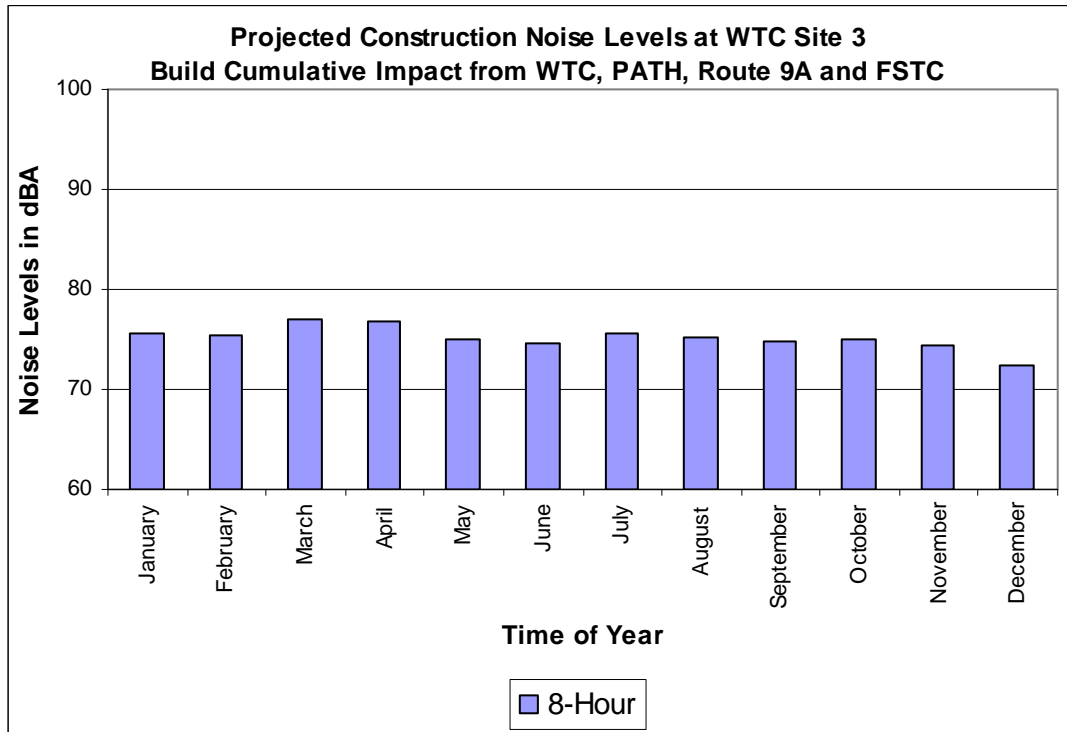
Projected Construction Noise Levels for Build Alternative – 8 Hour Leq

Site 2					
Month	PATH	FSTC	RTE 9A	WTC	8-Hour
January	64	58	72	69	74
February	63	58	72	69	74
March	63	59	75	69	76
April	62	56	75	69	76
May	64	57	71	69	74
June	64	56	70	69	73
July	64	59	70	70	74
August	64	58	70	69	73
September	63	55	70	69	73
October	64	53	72	68	74
November	61	53	72	68	74
December	61	53	68	67	71



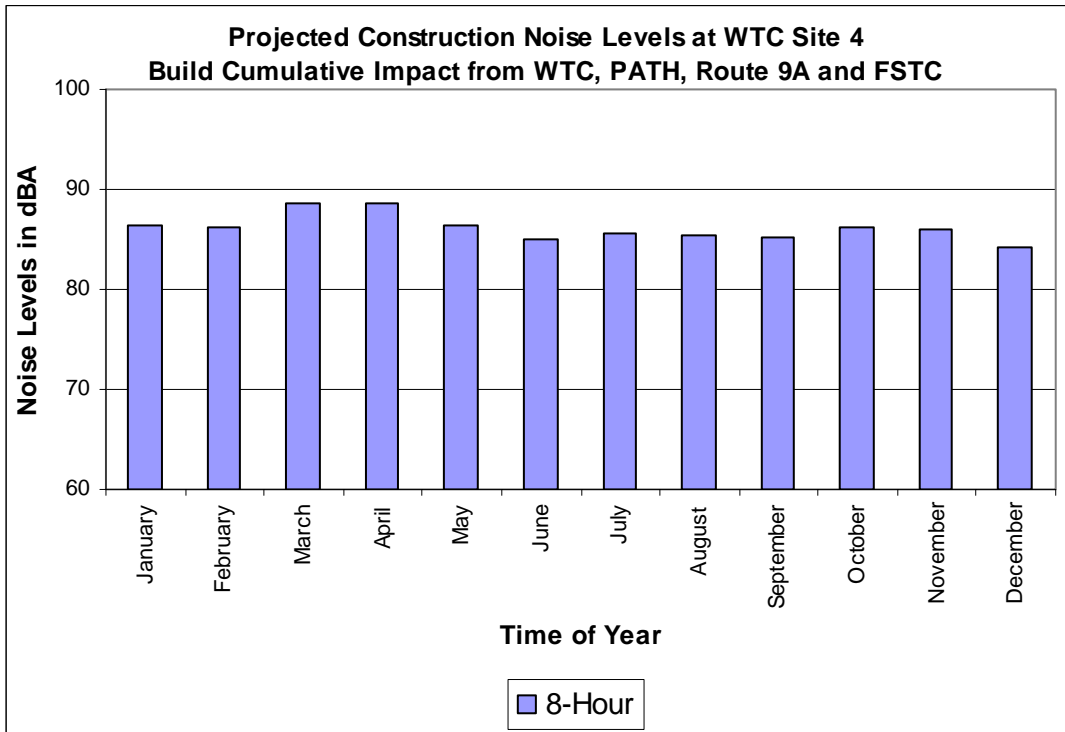
Projected Construction Noise Levels for Build Alternative – 8 Hour Leq

Site 3					
Month	PATH	FSTC	RTE 9A	WTC	8-Hour
January	70	58	72	70	76
February	69	58	72	70	75
March	69	59	75	70	77
April	67	56	75	70	77
May	69	57	71	70	75
June	69	56	70	70	75
July	70	59	70	72	76
August	70	58	70	71	75
September	69	55	70	71	75
October	69	53	72	69	75
November	66	53	72	69	74
December	65	53	68	69	72



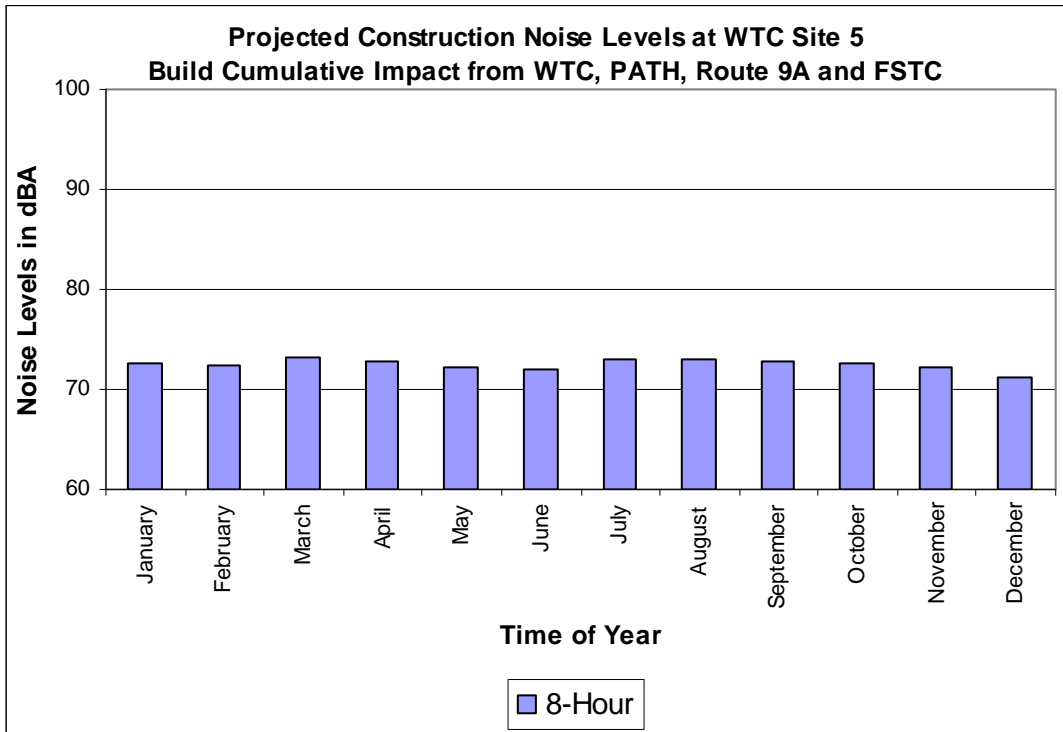
Projected Construction Noise Levels for Build Alternative – 8 Hour Leq

Site 4					
Month	PATH	FSTC	RTE 9A	WTC	8-Hour
January	75	61	85	79	86
February	74	61	85	79	86
March	74	62	88	79	89
April	73	59	88	79	89
May	75	60	85	79	86
June	75	58	83	79	85
July	76	61	83	81	86
August	76	61	83	80	85
September	75	57	83	80	85
October	75	56	85	78	86
November	72	56	85	78	86
December	72	56	81	81	84



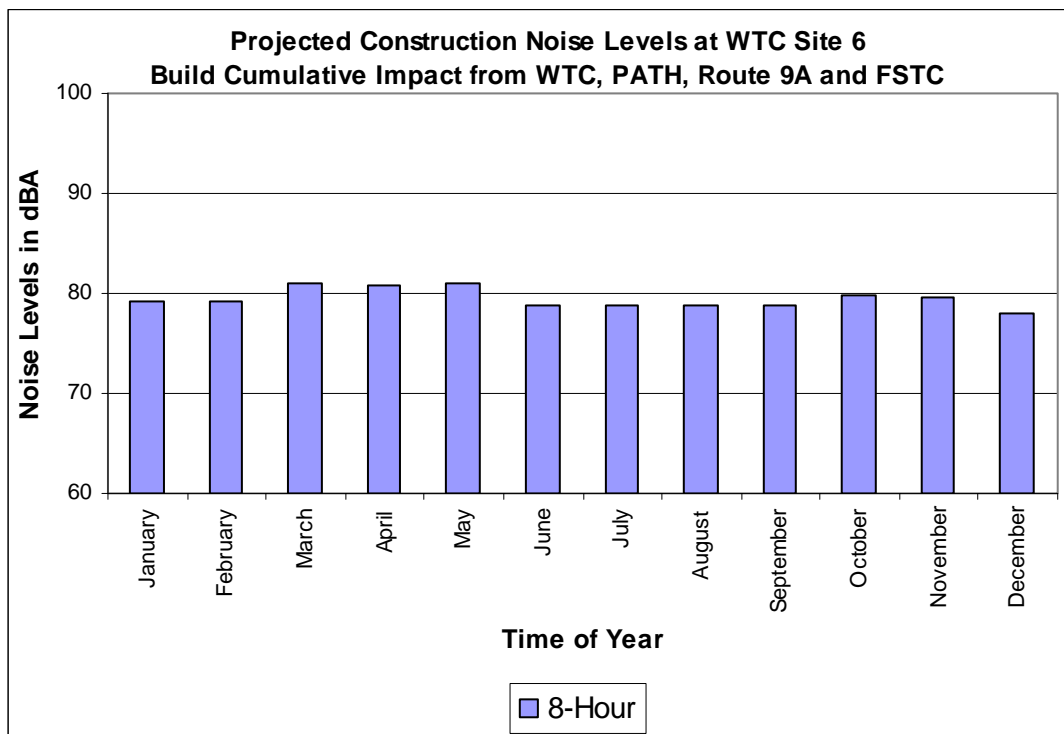
Projected Construction Noise Levels for Build Alternative – 8 Hour Leq

Site 5					
Month	PATH	FSTC	RTE 9A	WTC	8-Hour
January	66	59	65	70	73
February	65	60	65	70	72
March	65	60	68	70	73
April	63	57	68	70	73
May	65	58	65	70	72
June	65	57	64	70	72
July	66	60	64	71	73
August	66	59	64	71	73
September	65	56	64	71	73
October	66	54	66	70	73
November	63	54	66	70	72
December	62	54	62	70	71



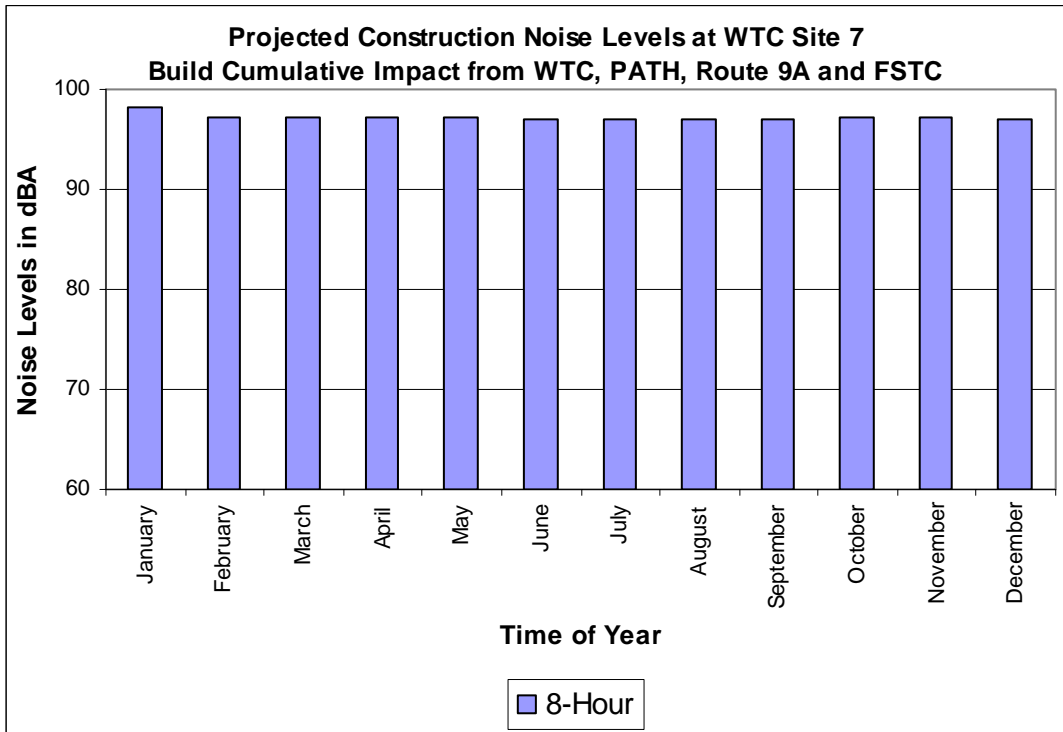
Projected Construction Noise Levels for Build Alternative – 8 Hour Leq

Site 6					
Month	PATH	FSTC	RTE 9A	WTC	8-Hour
January	66	61	76	76	79
February	65	61	76	76	79
March	65	61	79	76	81
April	64	58	79	76	81
May	66	59	79	76	81
June	66	58	75	76	79
July	66	61	75	76	79
August	66	61	75	76	79
September	65	57	75	76	79
October	66	55	77	76	80
November	63	55	77	76	80
December	63	55	73	76	78



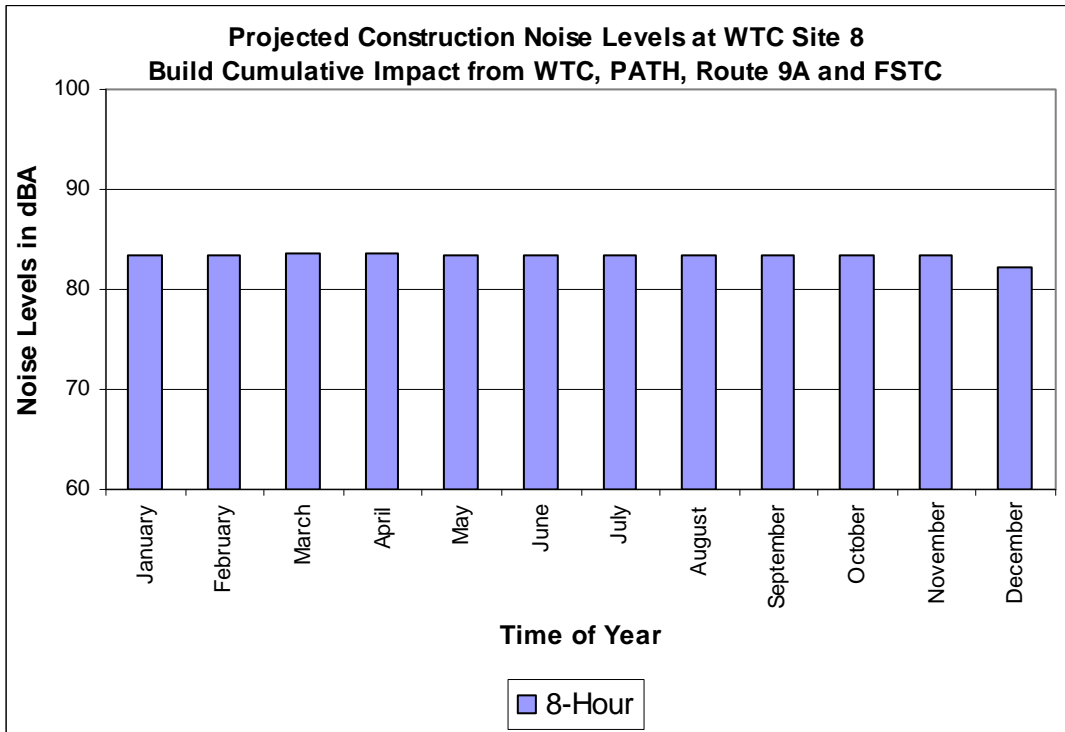
Projected Construction Noise Levels for Build Alternative – 8 Hour Leq

Site 7					
Month	PATH	FSTC	RTE 9A	WTC	8-Hour
January	75	63	81	98	98
February	74	63	81	97	97
March	74	63	84	97	97
April	71	60	84	97	97
May	74	61	81	97	97
June	74	60	79	97	97
July	75	63	79	97	97
August	75	63	79	97	97
September	74	59	79	97	97
October	75	57	82	97	97
November	70	57	82	97	97
December	69	57	77	97	97



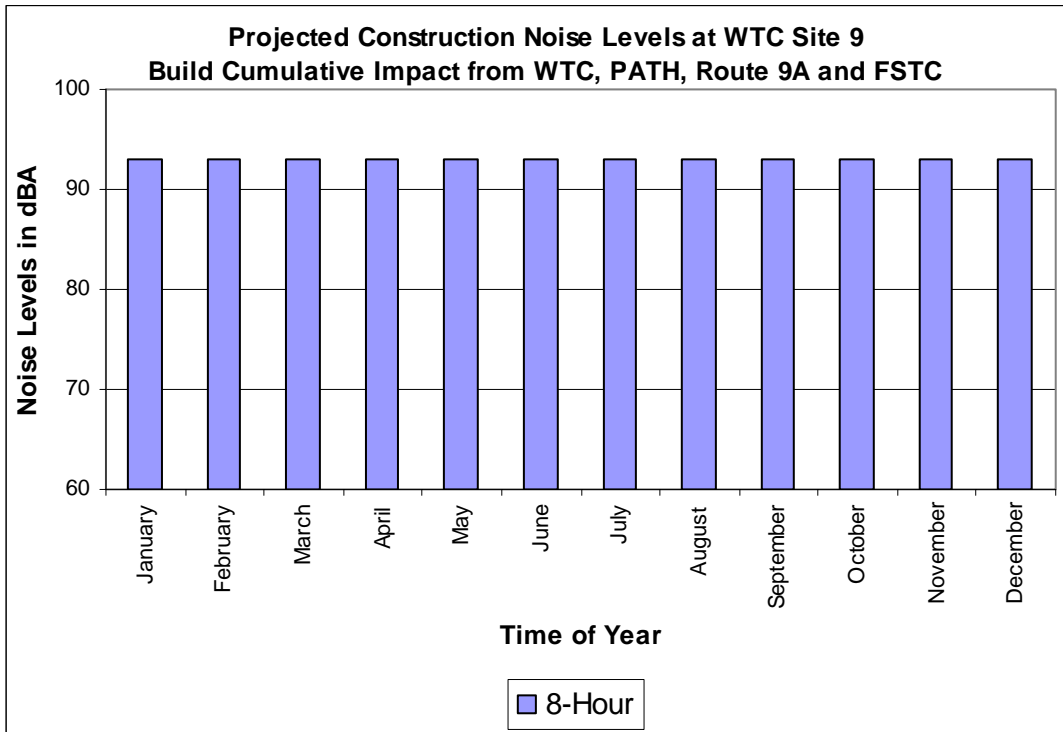
Projected Construction Noise Levels for Build Alternative – 8 Hour Leq

Site 8					
Month	PATH	FSTC	RTE 9A	WTC	8-Hour
January	67	62	71	83	83
February	66	62	71	83	83
March	66	62	74	83	84
April	65	60	74	83	84
May	67	60	71	83	83
June	67	59	70	83	83
July	67	62	70	83	83
August	67	62	70	83	83
September	66	58	70	83	83
October	67	57	72	83	83
November	64	57	72	83	83
December	64	57	67	82	82



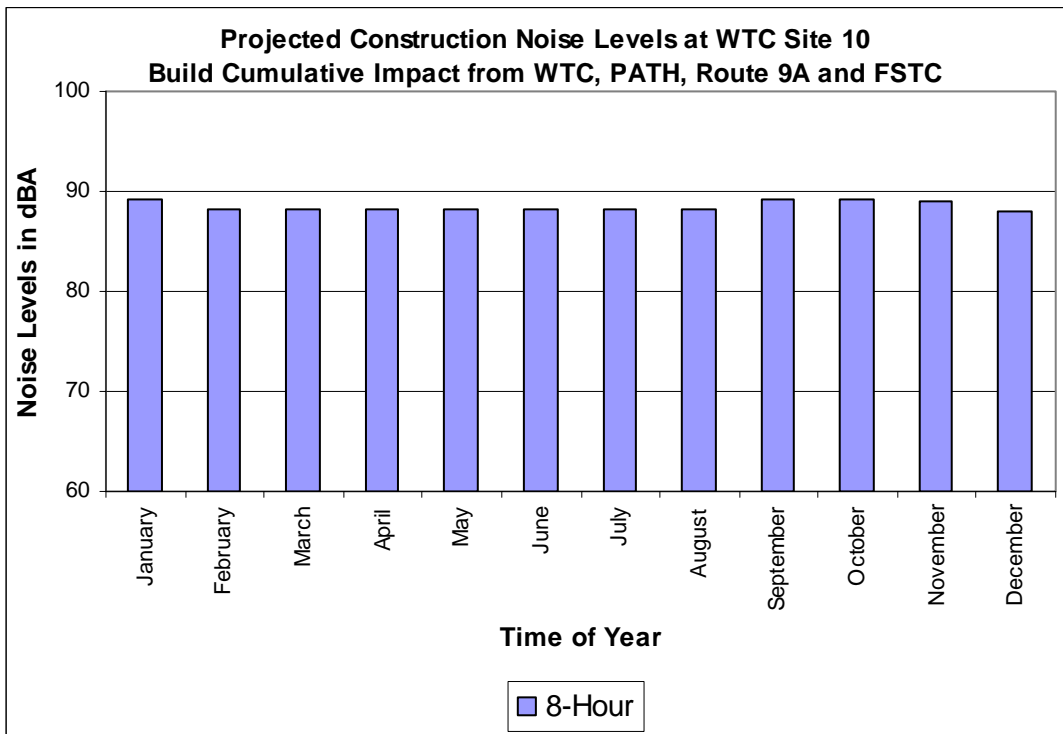
Projected Construction Noise Levels for Build Alternative – 8 Hour Leq

Site 9					
Month	PATH	FSTC	RTE 9A	WTC	8-Hour
January	71	63	65	93	93
February	70	63	65	93	93
March	70	63	68	93	93
April	67	61	68	93	93
May	70	61	65	93	93
June	70	60	64	93	93
July	71	63	64	93	93
August	71	63	64	93	93
September	70	59	64	93	93
October	71	58	66	93	93
November	67	58	66	93	93
December	66	58	62	93	93



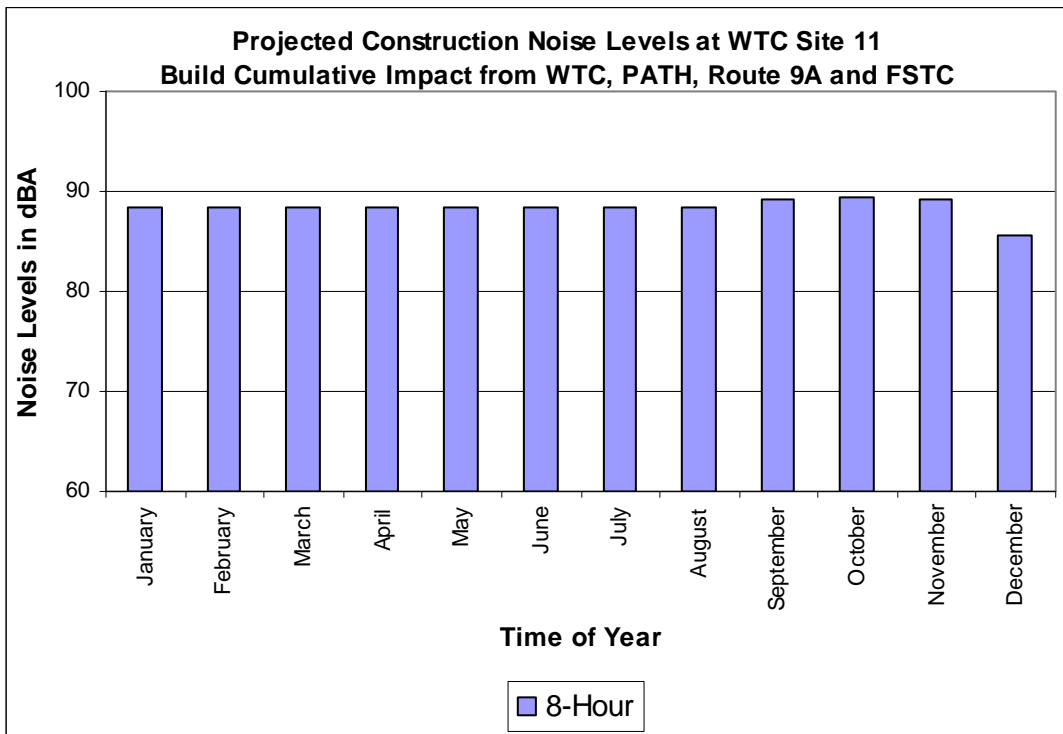
Projected Construction Noise Levels for Build Alternative – 8 Hour Leq

Site 10					
Month	PATH	FSTC	RTE 9A	WTC	8-Hour
January	74	65	63	89	89
February	73	65	63	88	88
March	73	66	66	88	88
April	70	63	66	88	88
May	73	63	63	88	88
June	73	62	62	88	88
July	74	66	62	88	88
August	74	65	62	88	88
September	73	61	62	89	89
October	74	60	64	89	89
November	70	60	64	89	89
December	69	60	59	88	88



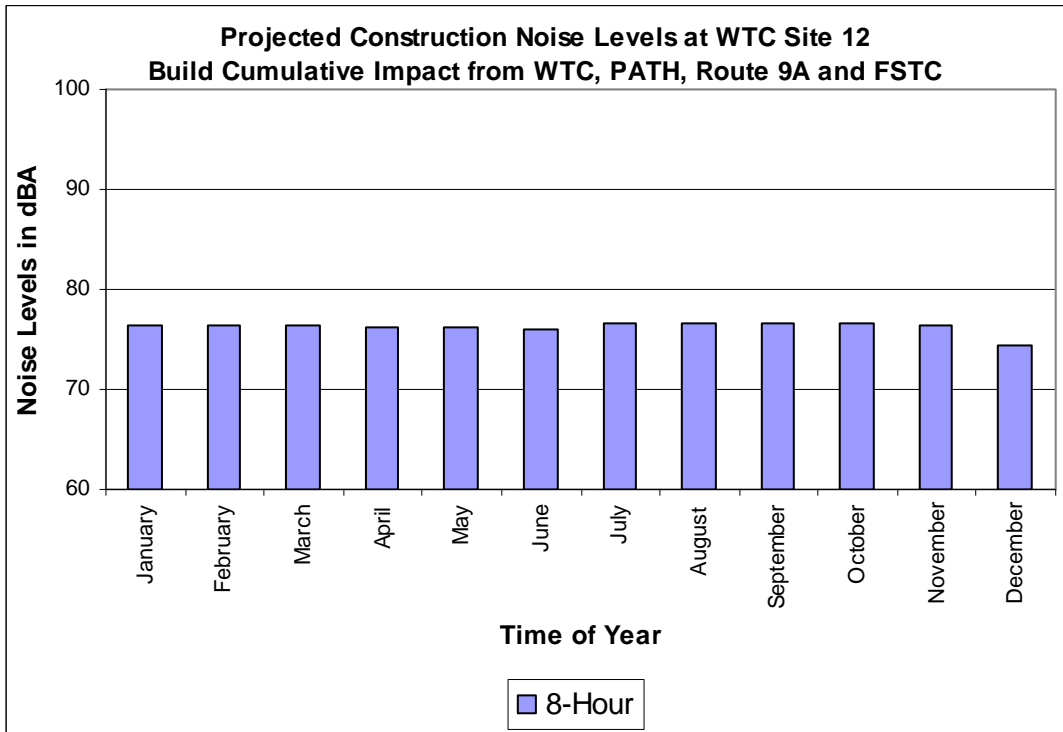
Projected Construction Noise Levels for Build Alternative – 8 Hour Leq

Site 11					
Month	PATH	FSTC	RTE 9A	WTC	8-Hour
January	78	67	67	88	88
February	77	67	67	88	88
March	77	67	69	88	88
April	77	64	69	88	88
May	78	65	66	88	88
June	78	64	65	88	88
July	78	67	65	88	88
August	78	67	65	88	88
September	77	63	65	89	89
October	78	62	67	89	89
November	76	62	67	89	89
December	76	62	63	85	86



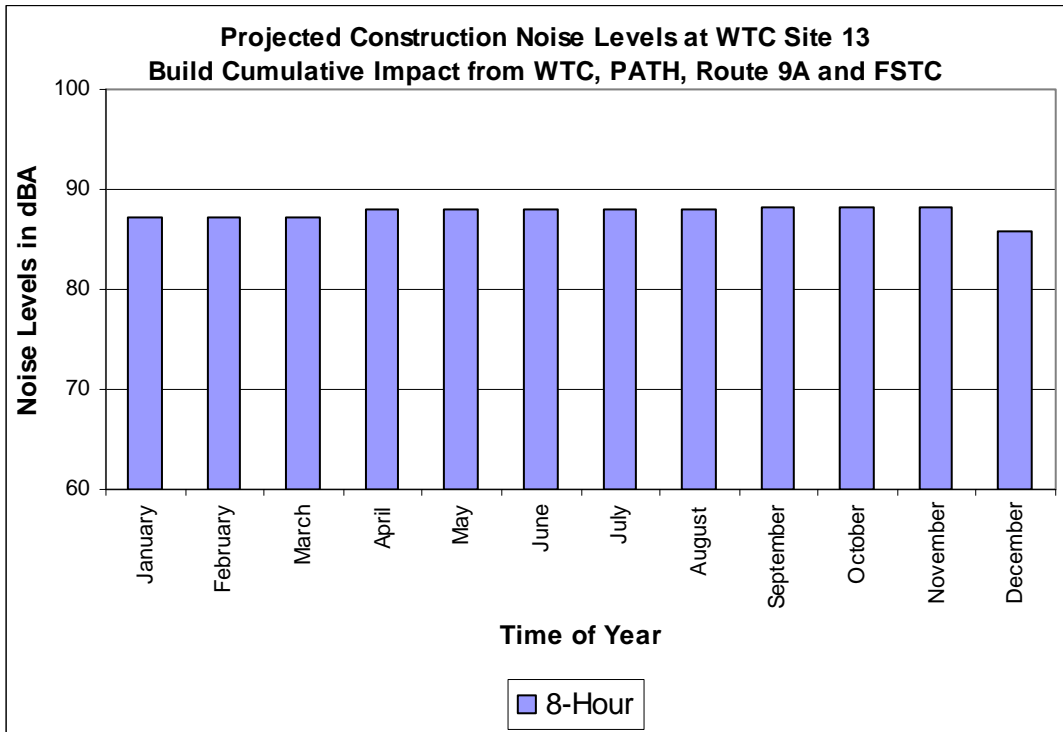
Projected Construction Noise Levels for Build Alternative – 8 Hour Leq

Site 12					
Month	PATH	FSTC	RTE 9A	WTC	8-Hour
January	71	66	60	74	76
February	71	66	60	74	76
March	71	66	63	74	76
April	71	64	63	74	76
May	71	64	59	74	76
June	71	63	58	74	76
July	72	67	58	74	77
August	72	66	58	74	77
September	71	62	58	75	77
October	71	61	60	75	77
November	70	61	60	75	76
December	70	61	56	72	74



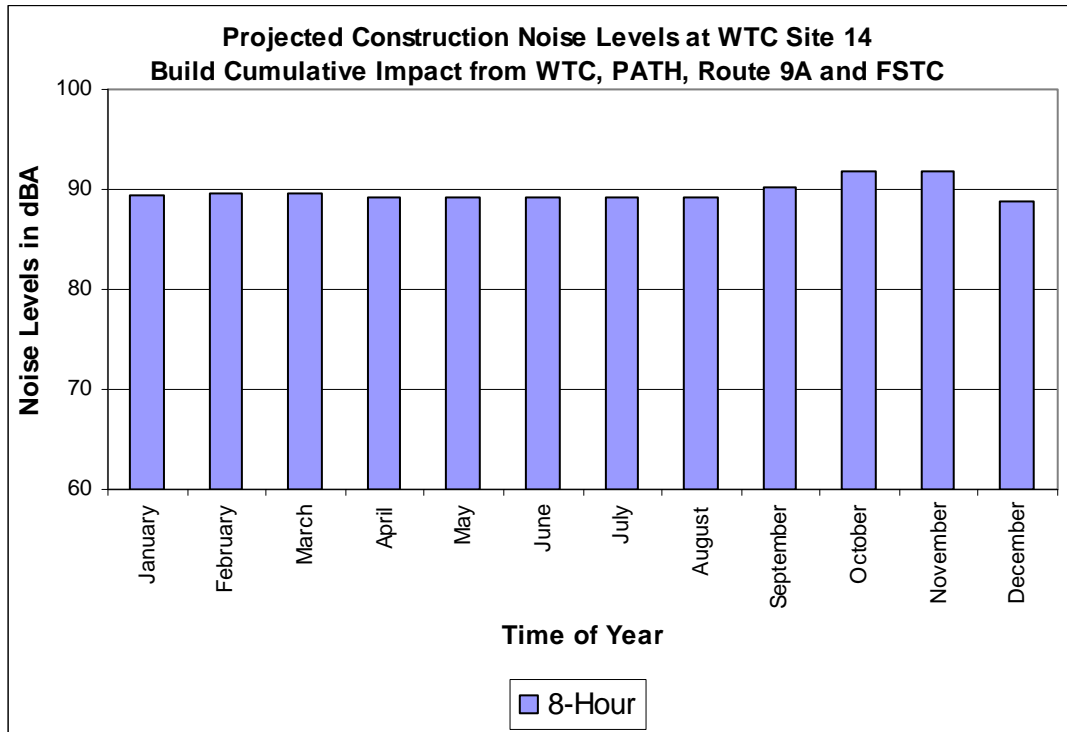
Projected Construction Noise Levels for Build Alternative – 8 Hour Leq

Site 13					
Month	PATH	FSTC	RTE 9A	WTC	8-Hour
January	83	68	65	85	87
February	83	68	65	85	87
March	83	68	67	85	87
April	85	66	67	85	88
May	85	66	64	85	88
June	85	66	64	85	88
July	85	69	64	85	88
August	85	68	64	85	88
September	84	64	64	86	88
October	84	63	65	86	88
November	84	63	65	86	88
December	84	63	61	81	86



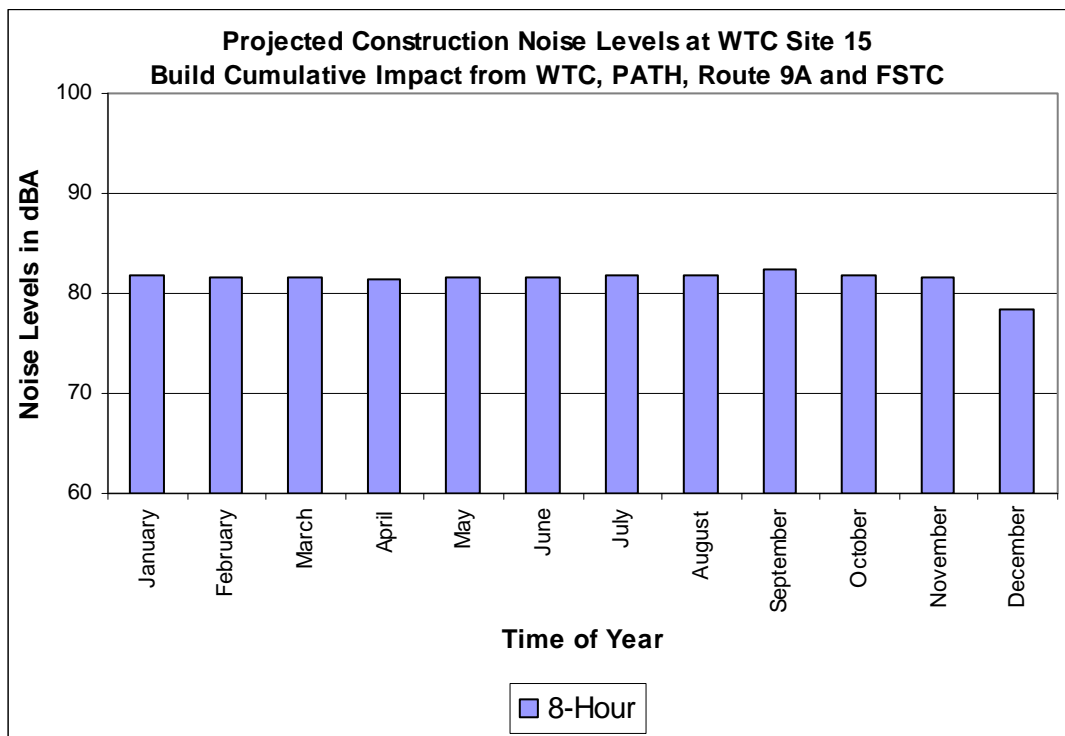
Projected Construction Noise Levels for Build Alternative – 8 Hour Leq

Site 14					
Month	PATH	FSTC	RTE 9A	WTC	8-Hour
January	74	77	63	89	89
February	73	80	63	89	90
March	73	80	66	89	90
April	71	71	66	89	89
May	73	72	62	89	89
June	73	71	62	89	89
July	74	73	62	89	89
August	74	73	62	89	89
September	73	70	62	90	90
October	87	69	64	90	92
November	87	69	64	90	92
December	87	69	59	84	89



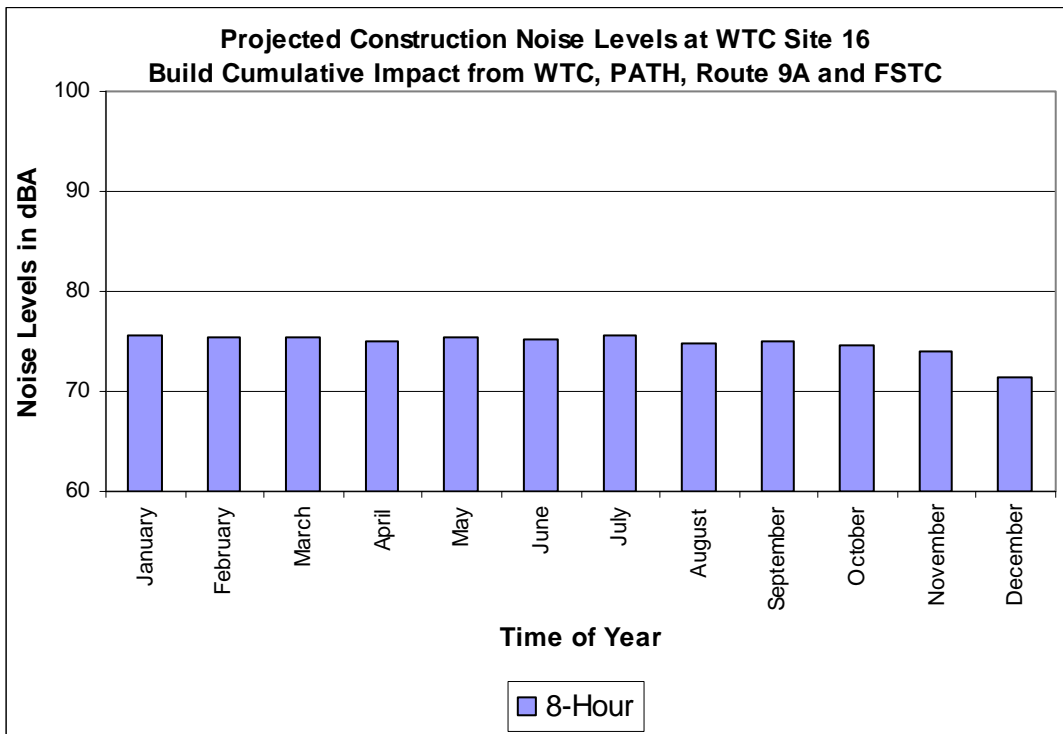
Projected Construction Noise Levels for Build Alternative – 8 Hour Leq

Site 15					
Month	PATH	FSTC	RTE 9A	WTC	8-Hour
January	72	69	57	81	82
February	71	69	57	81	82
March	71	69	60	81	82
April	68	67	60	81	81
May	71	68	57	81	82
June	71	66	56	81	82
July	72	69	56	81	82
August	72	69	56	81	82
September	71	65	56	82	82
October	74	64	58	81	82
November	72	64	58	81	82
December	72	64	53	77	78



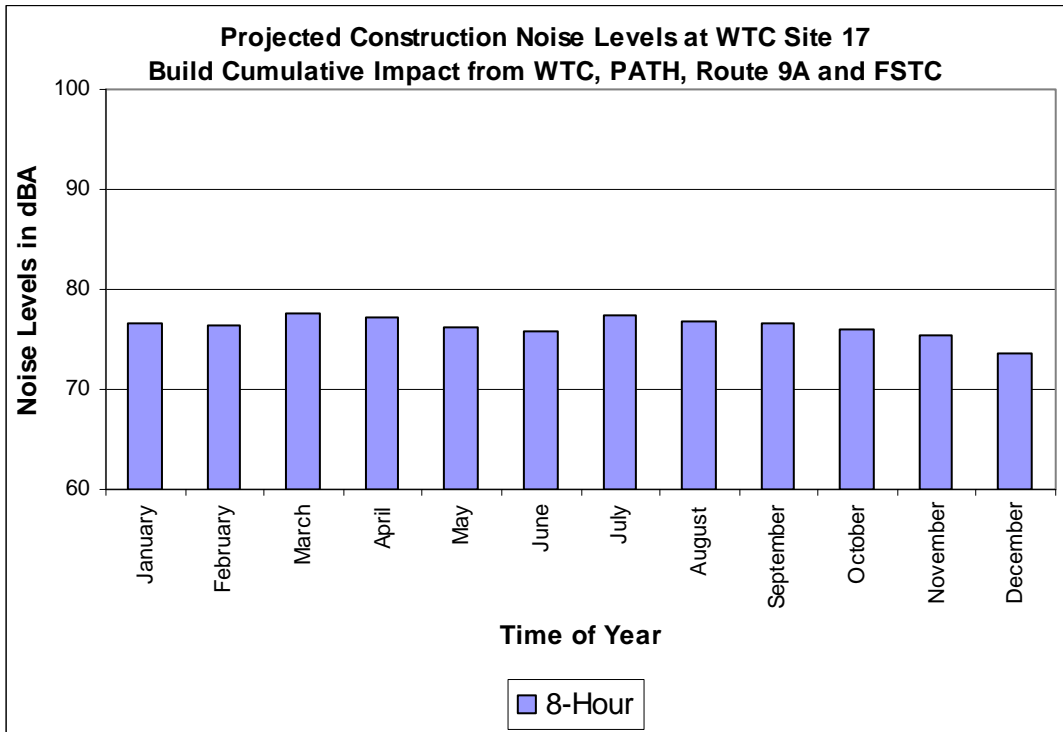
Projected Construction Noise Levels for Build Alternative – 8 Hour Leq

Site 16					
Month	PATH	FSTC	RTE 9A	WTC	8-Hour
January	68	66	58	74	76
February	67	66	58	74	75
March	67	66	61	74	75
April	64	64	61	74	75
May	67	65	58	74	75
June	67	63	57	74	75
July	68	66	57	74	76
August	68	66	57	73	75
September	67	62	57	74	75
October	68	61	59	73	75
November	65	61	59	73	74
December	64	61	54	70	71



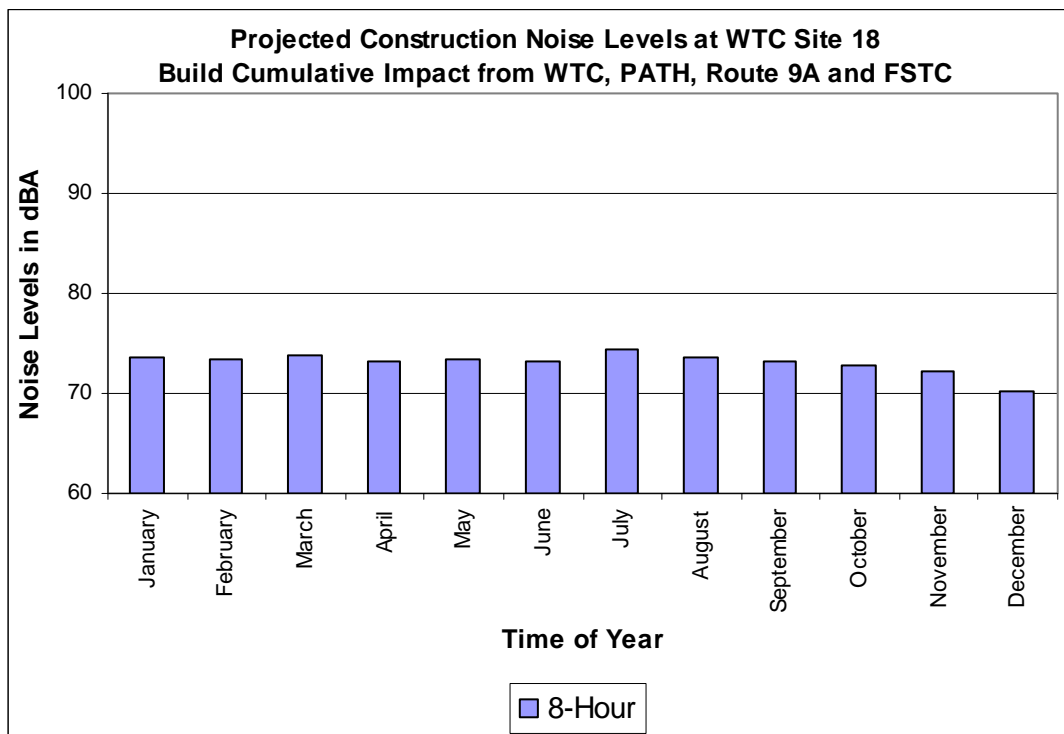
Projected Construction Noise Levels for Build Alternative – 8 Hour Leq

Site 17					
Month	PATH	FSTC	RTE 9A	WTC	8-Hour
January	68	61	71	74	77
February	67	61	71	74	76
March	67	61	74	74	78
April	64	59	74	74	77
May	67	59	70	74	76
June	67	58	69	74	76
July	68	61	69	76	77
August	68	61	69	75	77
September	67	57	69	75	77
October	68	56	71	73	76
November	63	56	71	73	75
December	62	56	67	72	74



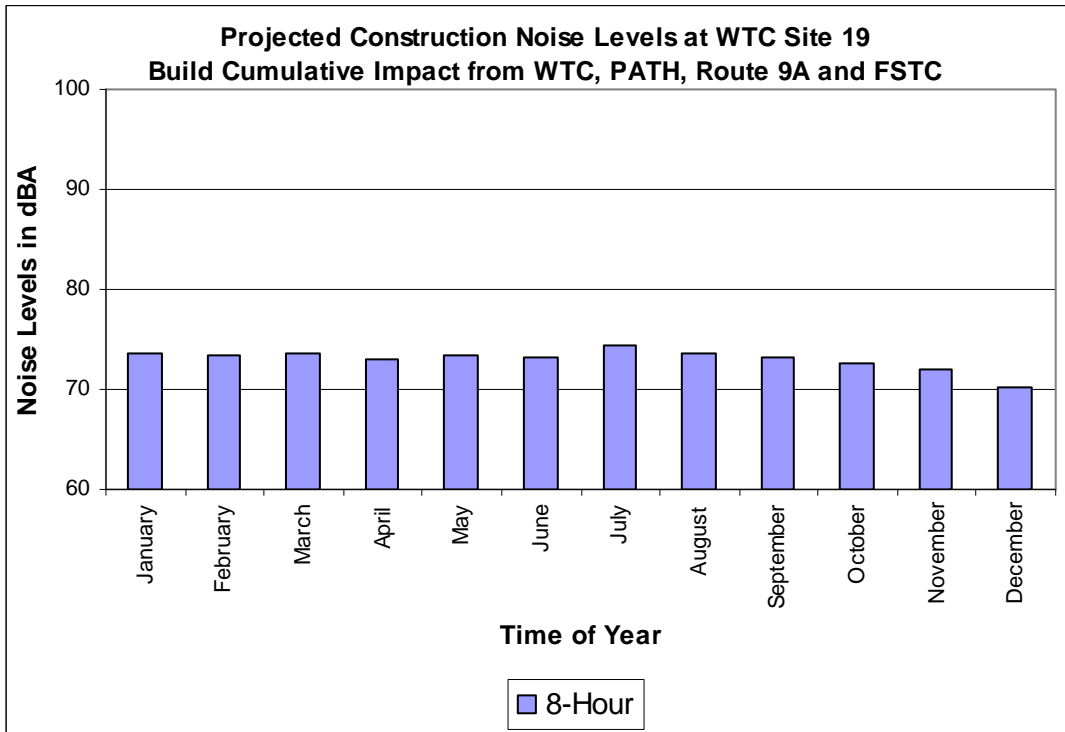
Projected Construction Noise Levels for Build Alternative – 8 Hour Leq

Site 18					
Month	PATH	FSTC	RTE 9A	WTC	8-Hour
January	66	62	61	72	74
February	65	62	61	72	73
March	65	63	64	72	74
April	63	60	64	72	73
May	65	61	61	72	73
June	65	60	60	72	73
July	66	63	60	73	74
August	66	62	60	72	74
September	65	59	60	72	73
October	66	57	62	71	73
November	63	57	62	71	72
December	62	57	57	69	70



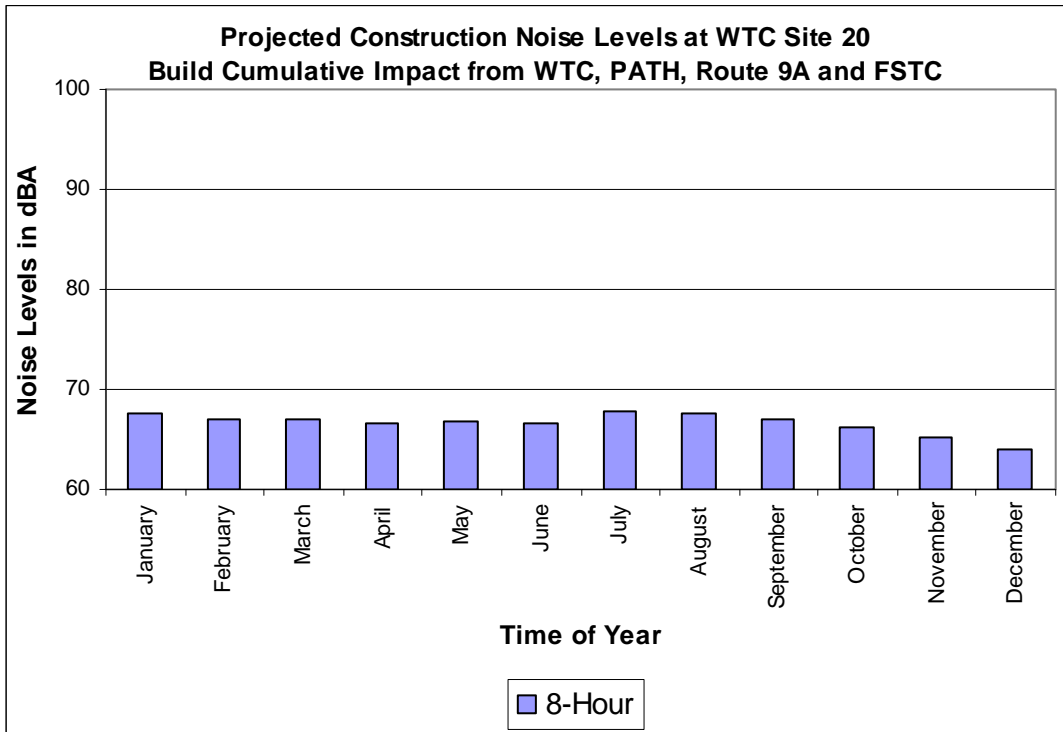
Projected Construction Noise Levels for Build Alternative – 8 Hour Leq

Site 19					
Month	PATH	FSTC	RTE 9A	WTC	8-Hour
January	66	63	60	72	74
February	65	63	60	72	73
March	65	64	62	72	74
April	62	61	62	72	73
May	65	62	59	72	73
June	65	61	58	72	73
July	66	64	58	73	74
August	66	63	58	72	74
September	65	60	58	72	73
October	66	58	60	71	73
November	63	58	60	71	72
December	62	58	56	69	70



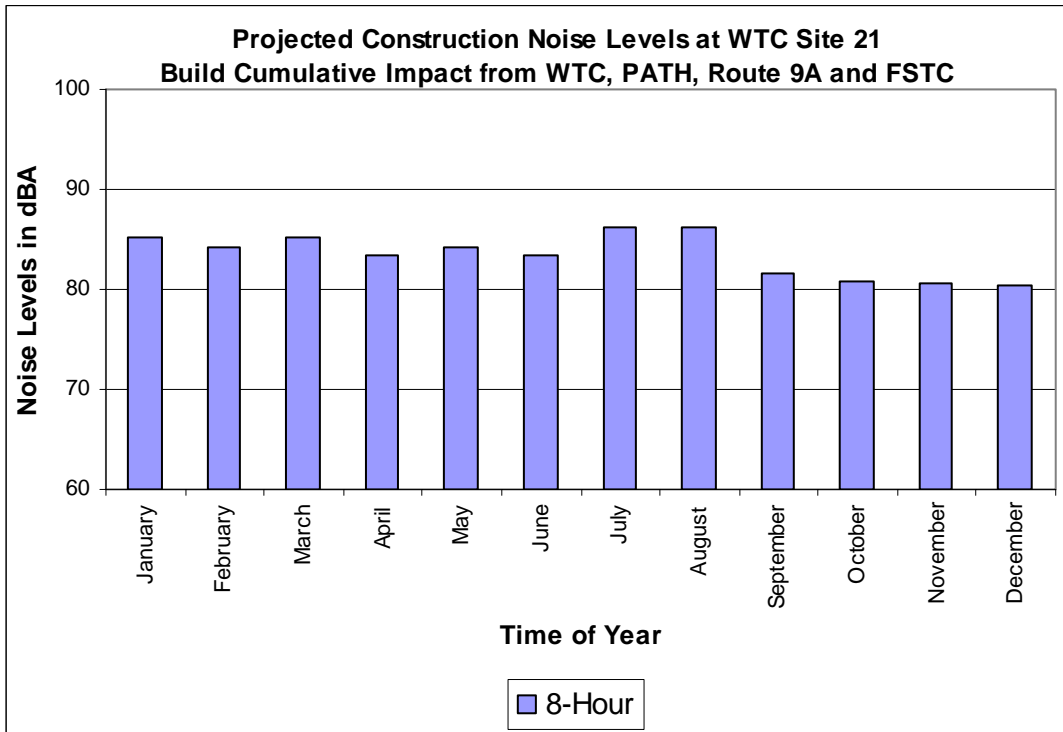
Projected Construction Noise Levels for Build Alternative – 8 Hour Leg

Site 20					
Month	PATH	FSTC	RTE 9A	WTC	8-Hour
January	59	62	53	65	68
February	58	62	53	64	67
March	58	62	55	64	67
April	56	61	55	64	67
May	58	62	52	64	67
June	58	61	52	64	67
July	59	63	52	65	68
August	59	62	52	65	68
September	58	60	52	65	67
October	60	57	54	64	66
November	57	5	54	64	65
December	56	57	49	62	64



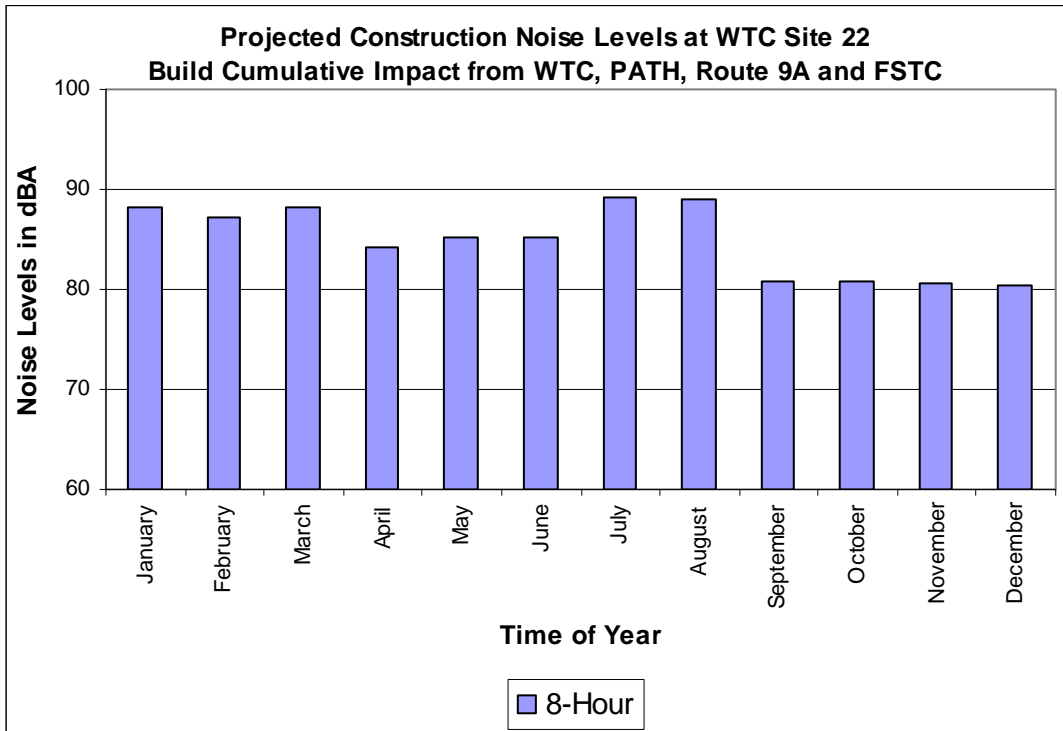
Projected Construction Noise Levels for Build Alternative – 8 Hour Leq

Site 21					
Month	PATH	FSTC	RTE 9A	WTC	8-Hour
January	64	85	55	71	85
February	63	84	55	71	84
March	63	85	58	71	85
April	61	83	58	71	83
May	64	84	55	71	84
June	64	83	55	71	83
July	65	86	55	72	86
August	65	86	55	71	86
September	63	81	55	72	82
October	67	80	56	71	81
November	66	80	56	71	81
December	65	80	51	67	80



Projected Construction Noise Levels for Build Alternative – 8 Hour Leq

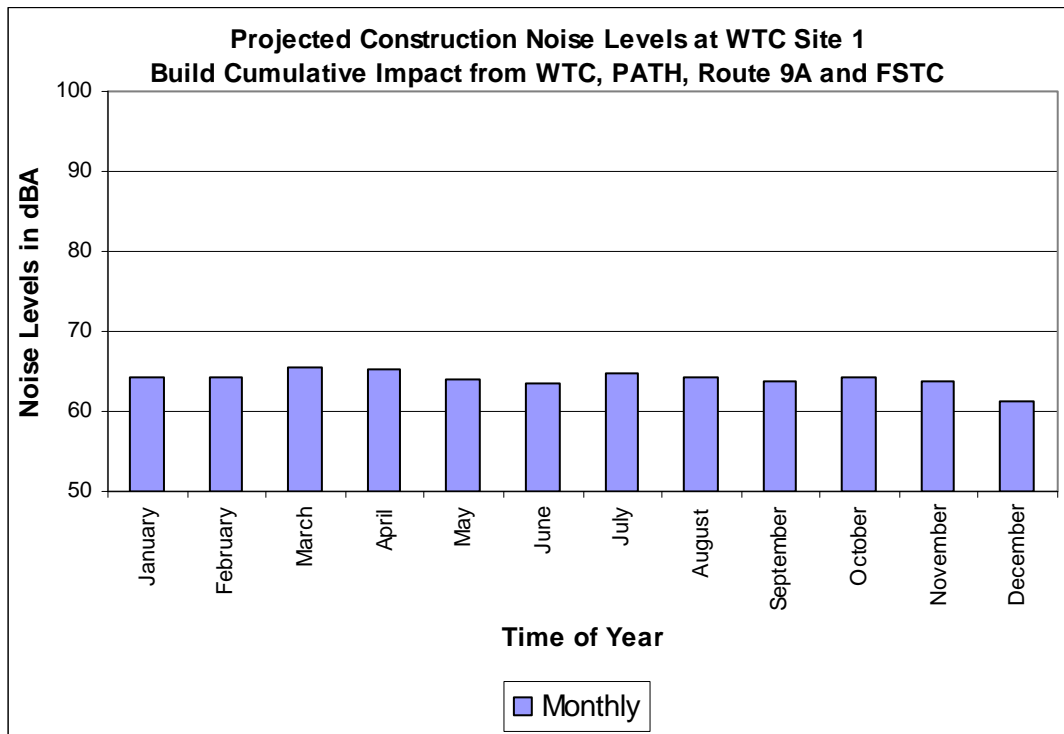
Site 22					
Month	PATH	FSTC	RTE 9A	WTC	8-Hour
January	66	88	56	71	88
February	65	87	56	71	87
March	65	88	59	71	88
April	64	84	59	71	84
May	65	85	55	71	85
June	65	85	55	71	85
July	66	89	55	72	89
August	66	89	55	71	89
September	65	80	55	72	81
October	68	80	57	71	81
November	66	80	57	71	81
December	66	80	52	68	80



**ANALYSIS YEAR 2006
BUILD ALTERNATIVE
STATIONARY SOURCES – 30 DAY LEQ
SITES 1 - 22**

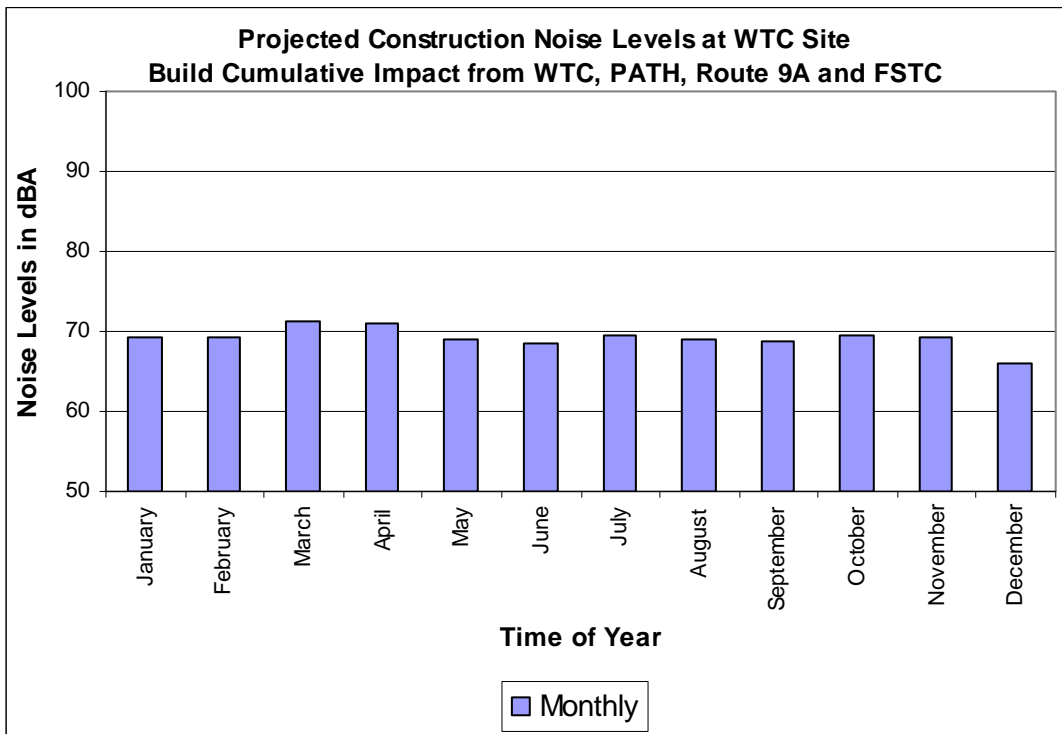
Projected Construction Noise Levels for Build Alternative – 30 Day Leq

Site 1					
Month	PATH	FSTC	RTE 9A	WTC	Monthly
January	55	56	60	60	64
February	54	56	60	60	64
March	54	56	63	60	66
April	52	53	63	60	65
May	54	54	60	60	64
June	54	53	59	60	64
July	56	53	59	62	65
August	56	53	59	61	64
September	54	51	59	61	64
October	55	45	61	60	64
November	51	45	61	60	64
December	51	45	56	59	61



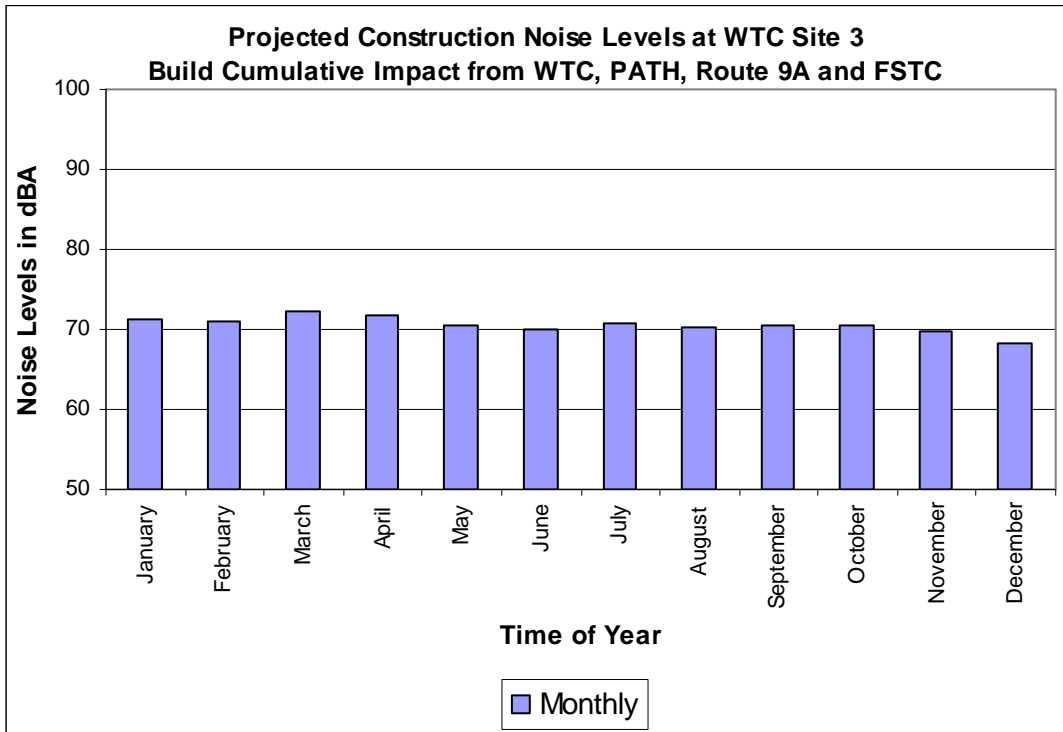
Projected Construction Noise Levels for Build Alternative – 30 Day Leq

Site 2					
Month	PATH	FSTC	RTE 9A	WTC	Monthly
January	58	53	67	64	69
February	57	53	67	64	69
March	57	54	70	64	71
April	55	51	70	64	71
May	57	51	67	64	69
June	57	50	66	64	69
July	59	51	66	66	69
August	59	50	66	65	69
September	57	48	66	65	69
October	58	46	68	63	70
November	54	46	68	63	69
December	54	46	63	62	66



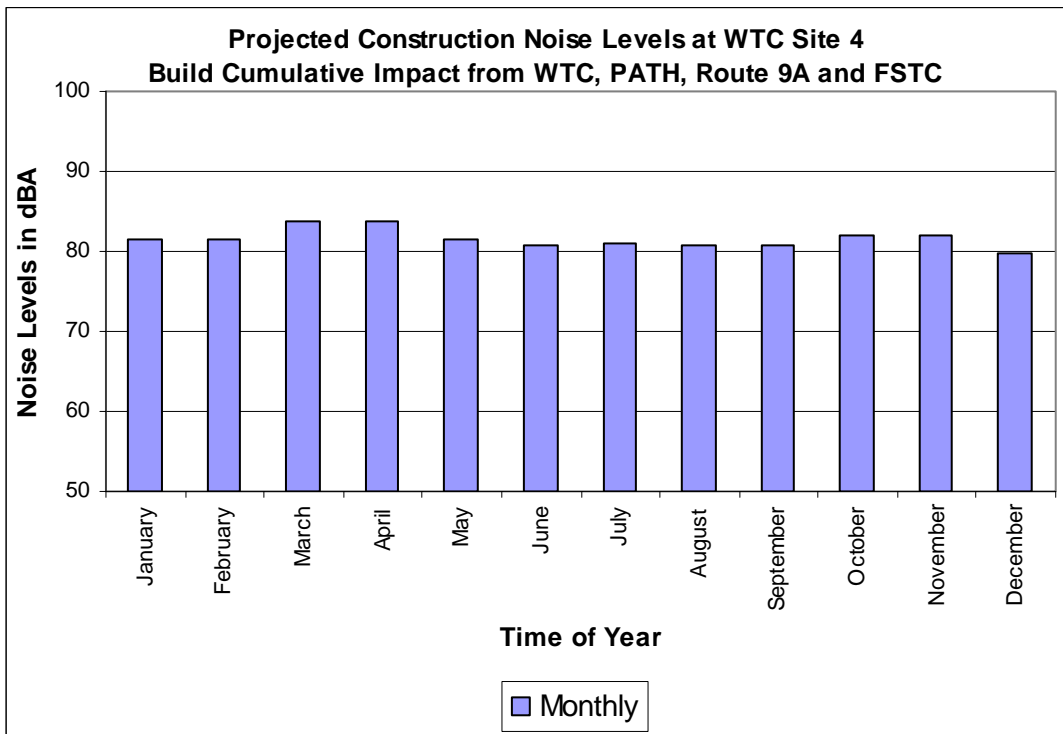
Projected Construction Noise Levels for Build Alternative – 30 Day Leq

Site 3					
Month	PATH	FSTC	RTE 9A	WTC	Monthly
January	64	57	68	66	71
February	63	57	68	66	71
March	63	58	70	66	72
April	60	55	70	66	72
May	63	55	67	66	71
June	63	54	66	66	70
July	64	54	66	67	71
August	64	54	66	66	70
September	63	52	66	67	70
October	64	50	68	64	71
November	59	50	68	64	70
December	59	50	64	65	68



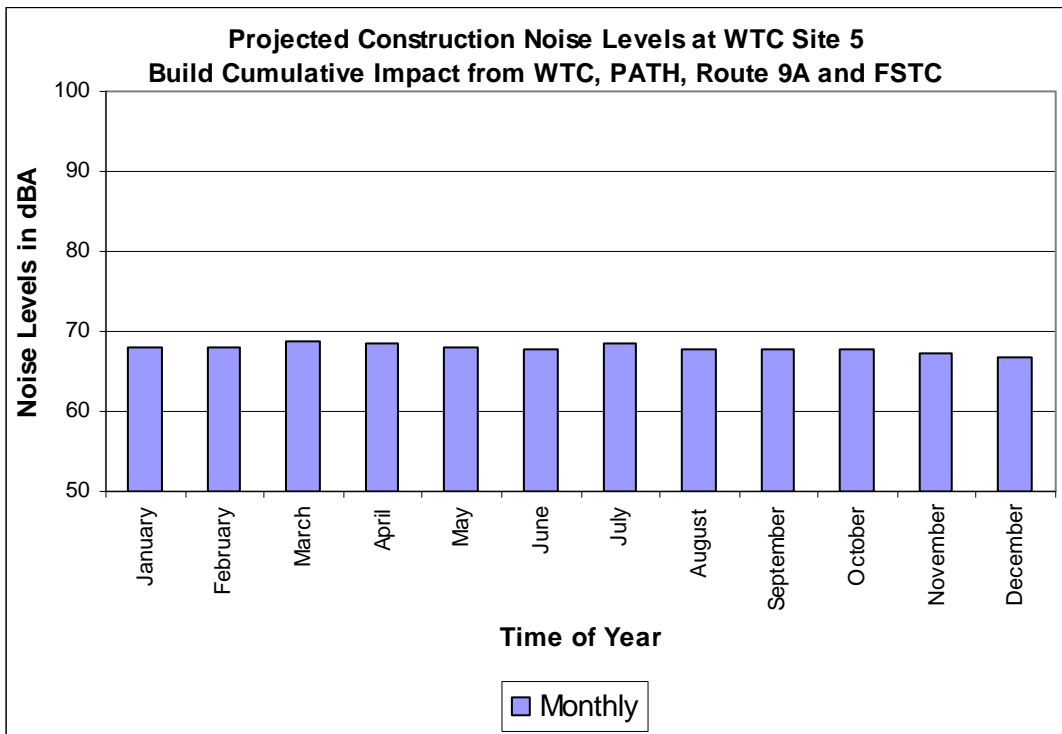
Projected Construction Noise Levels for Build Alternative – 30 Day Leq

Site 4					
Month	PATH	FSTC	RTE 9A	WTC	Monthly
January	70	56	80	75	82
February	69	56	80	75	81
March	69	57	83	75	84
April	66	53	83	75	84
May	69	54	80	75	81
June	69	53	79	75	81
July	70	53	79	76	81
August	70	53	79	75	81
September	69	50	79	75	81
October	70	49	81	74	82
November	65	49	81	74	82
December	64	49	77	76	80



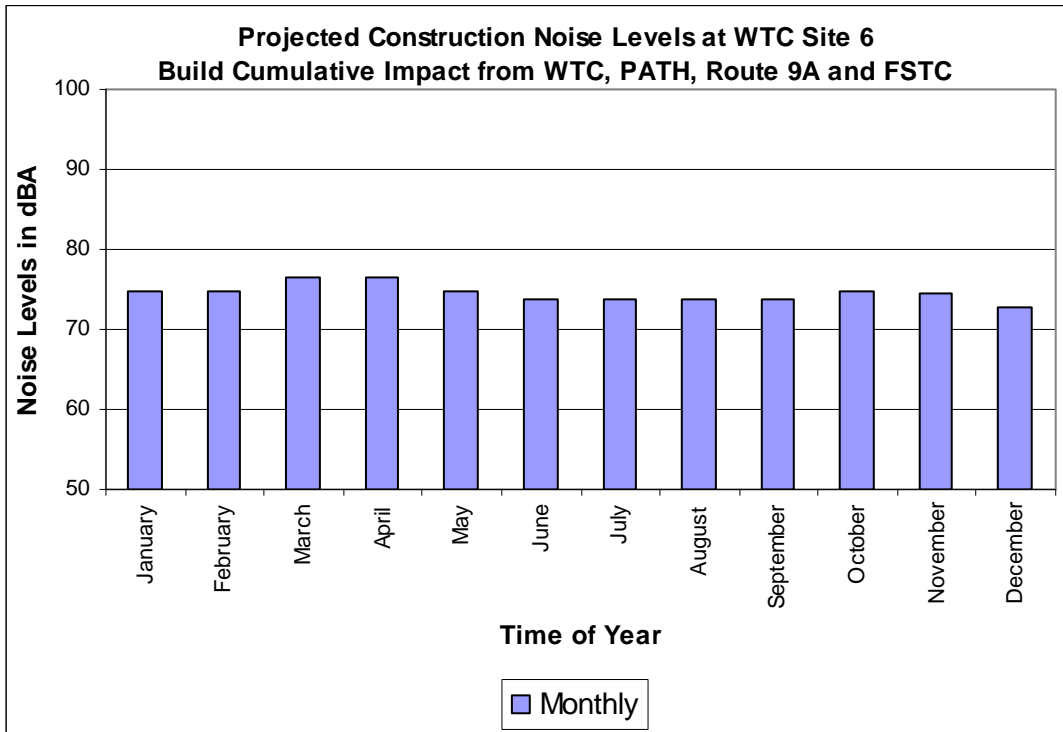
Projected Construction Noise Levels for Build Alternative – 30 Day Leq

Site 5					
Month	PATH	FSTC	RTE 9A	WTC	Monthly
January	60	54	61	66	68
February	59	54	61	66	68
March	59	55	64	66	69
April	56	52	64	66	68
May	59	52	61	66	68
June	59	51	60	66	68
July	60	52	60	67	69
August	60	51	60	66	68
September	59	49	60	66	68
October	60	47	62	65	68
November	56	47	62	65	67
December	55	47	57	66	67



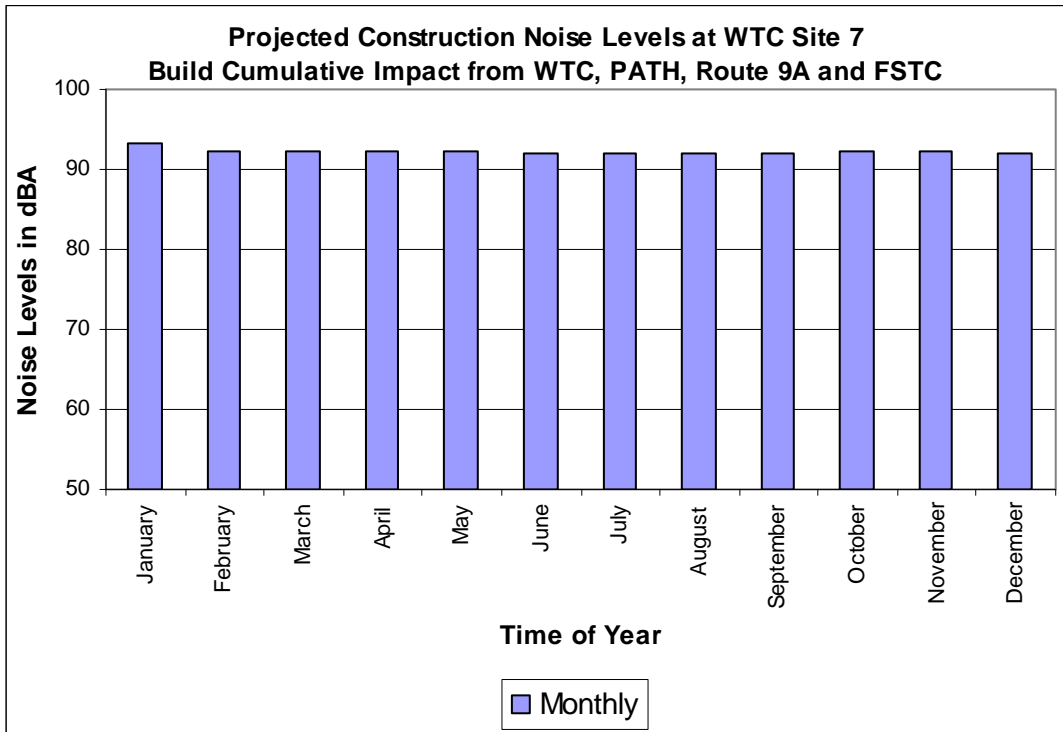
Projected Construction Noise Levels for Build Alternative – 30 Day Leq

Site 6					
Month	PATH	FSTC	RTE 9A	WTC	Monthly
January	60	55	72	71	75
February	59	56	72	71	75
March	59	56	75	71	77
April	57	53	75	71	77
May	59	53	72	71	75
June	59	53	70	71	74
July	60	53	70	71	74
August	60	52	70	71	74
September	59	50	70	71	74
October	60	48	72	71	75
November	56	48	72	71	75
December	56	48	68	71	73



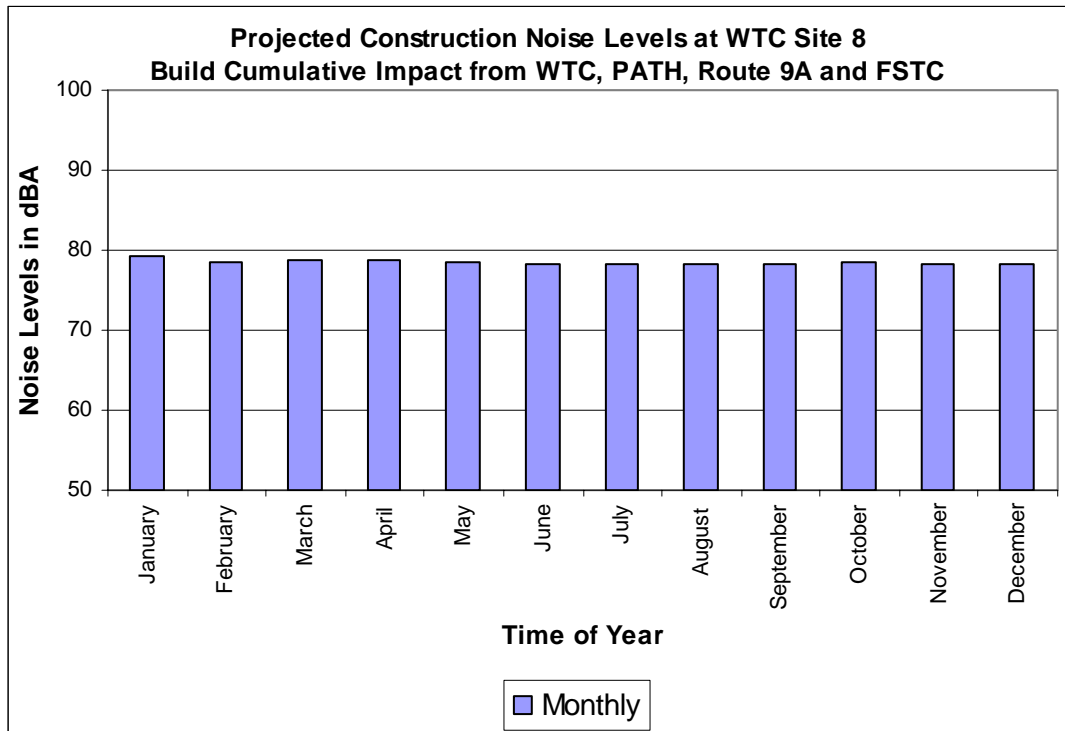
Projected Construction Noise Levels for Build Alternative – 30 Day Leq

Site 7					
Month	PATH	FSTC	RTE 9A	WTC	Monthly
January	70	57	77	93	93
February	69	58	77	92	92
March	69	58	80	92	92
April	65	55	80	92	92
May	69	55	77	92	92
June	69	55	75	92	92
July	70	55	75	92	92
August	70	54	75	92	92
September	69	50	75	92	92
October	70	50	77	92	92
November	64	50	77	92	92
December	63	50	73	92	92



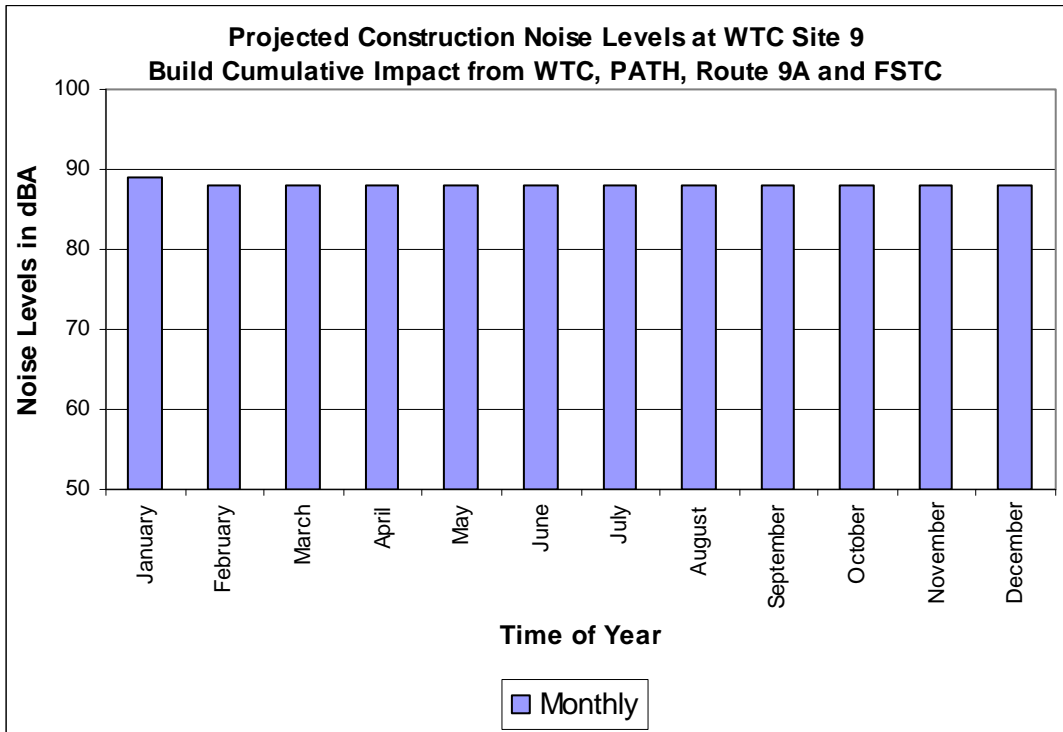
Projected Construction Noise Levels for Build Alternative – 30 Day Leq

Site 8					
Month	PATH	FSTC	RTE 9A	WTC	Monthly
January	61	57	67	79	79
February	60	57	67	78	78
March	60	57	70	78	79
April	58	54	70	78	79
May	61	55	67	78	78
June	61	54	65	78	78
July	62	54	65	78	78
August	62	54	65	78	78
September	60	51	65	78	78
October	62	50	67	78	78
November	57	50	67	78	78
December	57	50	63	78	78



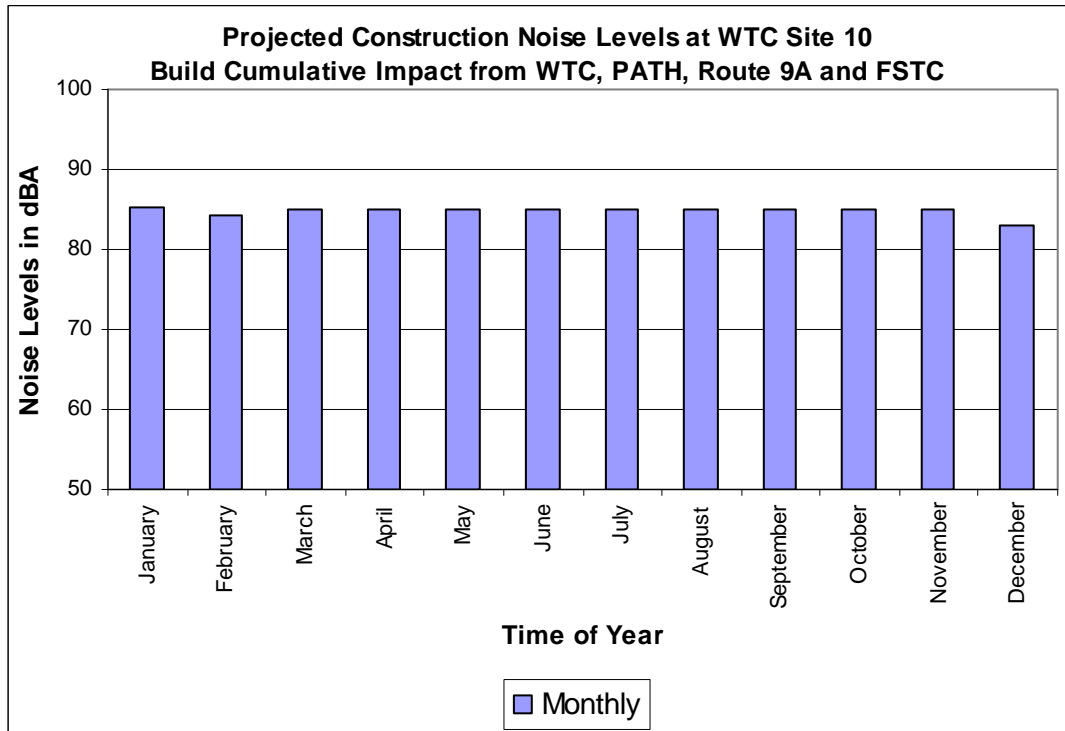
Projected Construction Noise Levels for Build Alternative – 30 Day Leq

Site 9					
Month	PATH	FSTC	RTE 9A	WTC	Monthly
January	66	58	61	89	89
February	65	58	61	88	88
March	65	58	64	88	88
April	61	55	64	88	88
May	65	56	61	88	88
June	65	55	60	88	88
July	66	55	60	88	88
August	66	55	60	88	88
September	65	53	60	88	88
October	66	51	62	88	88
November	61	51	62	88	88
December	61	51	57	88	88



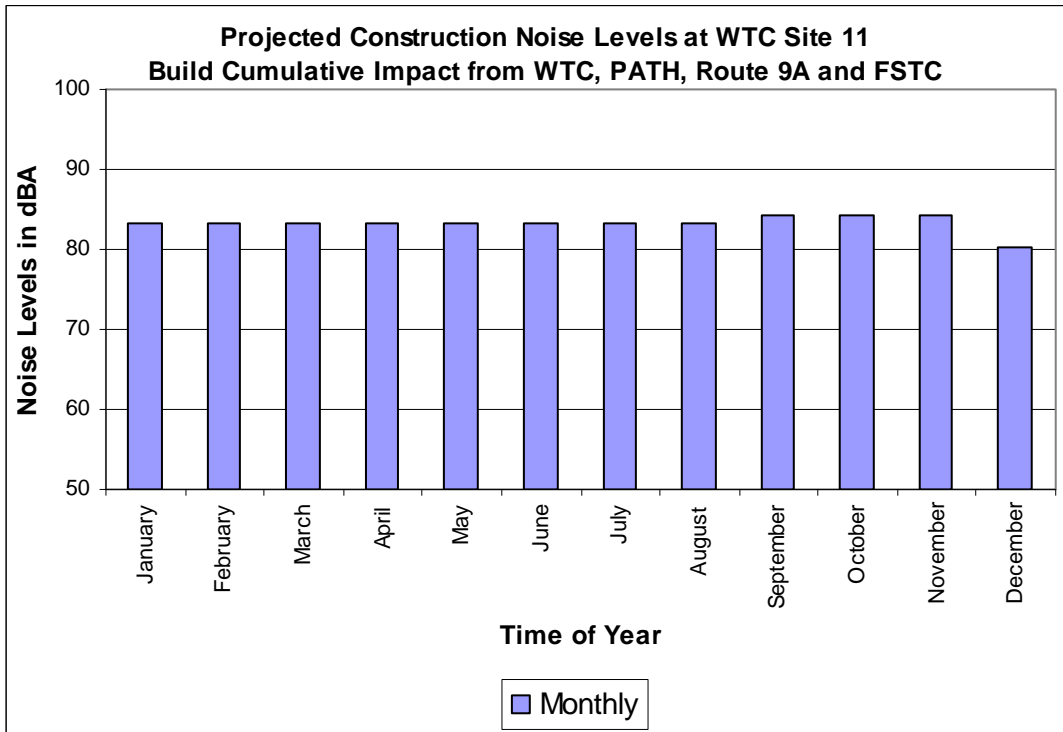
Projected Construction Noise Levels for Build Alternative – 30 Day Leq

Site 10					
Month	PATH	FSTC	RTE 9A	WTC	Monthly
January	69	60	59	85	85
February	68	60	59	84	84
March	68	61	62	85	85
April	64	58	62	85	85
May	68	58	59	85	85
June	68	57	57	85	85
July	69	58	57	85	85
August	69	57	57	85	85
September	68	55	57	85	85
October	69	54	59	85	85
November	64	54	59	85	85
December	63	54	55	83	83



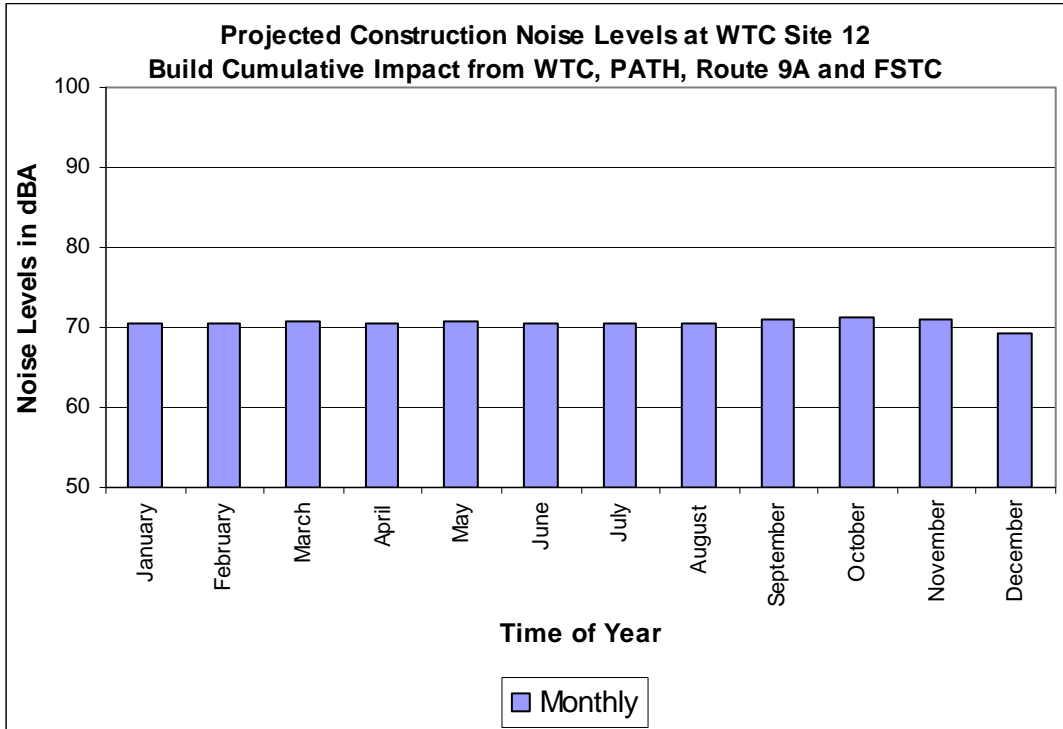
Projected Construction Noise Levels for Build Alternative – 30 Day Leq

Site 11					
Month	PATH	FSTC	RTE 9A	WTC	Monthly
January	71	62	62	83	83
February	70	62	62	83	83
March	70	62	65	83	83
April	69	59	65	83	83
May	71	60	62	83	83
June	71	59	61	83	83
July	72	59	61	83	83
August	72	59	61	83	83
September	71	56	61	84	84
October	72	55	63	84	84
November	68	55	63	84	84
December	68	55	58	80	80



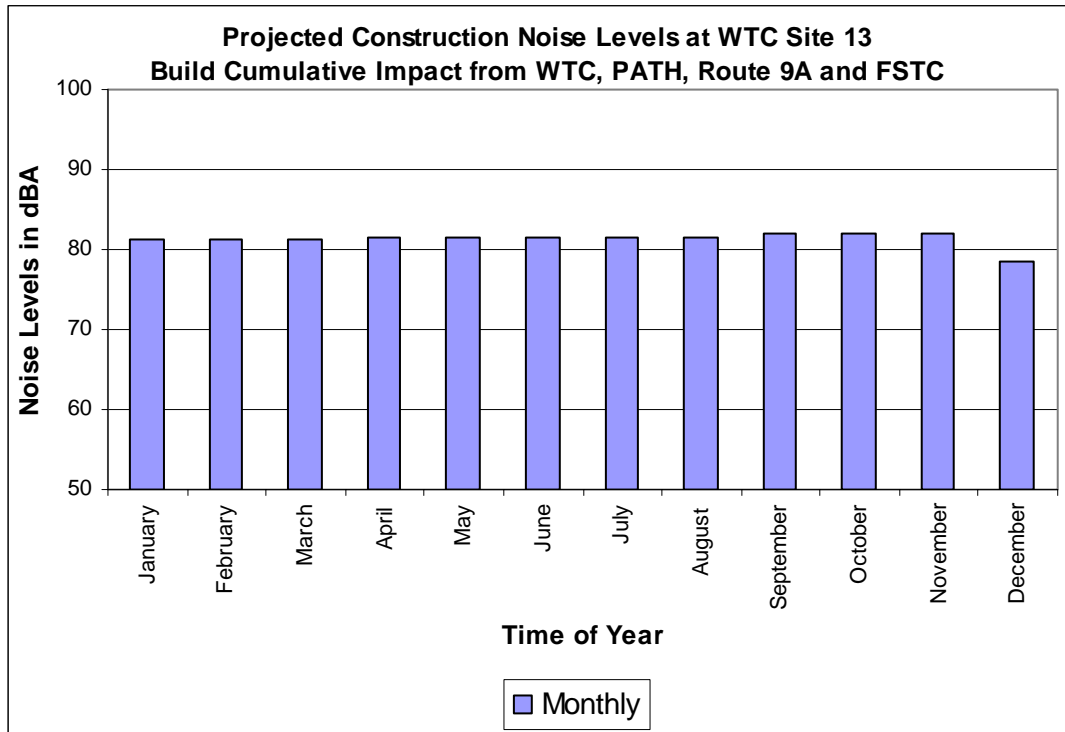
Projected Construction Noise Levels for Build Alternative – 30 Day Leq

Site 12					
Month	PATH	FSTC	RTE 9A	WTC	Monthly
January	63	61	55	69	71
February	63	61	55	69	71
March	63	61	58	69	71
April	63	59	58	69	71
May	64	59	55	69	71
June	64	58	54	69	71
July	64	59	54	69	71
August	64	58	54	69	71
September	63	56	54	70	71
October	64	55	56	70	71
November	62	55	56	70	71
December	62	55	52	68	69



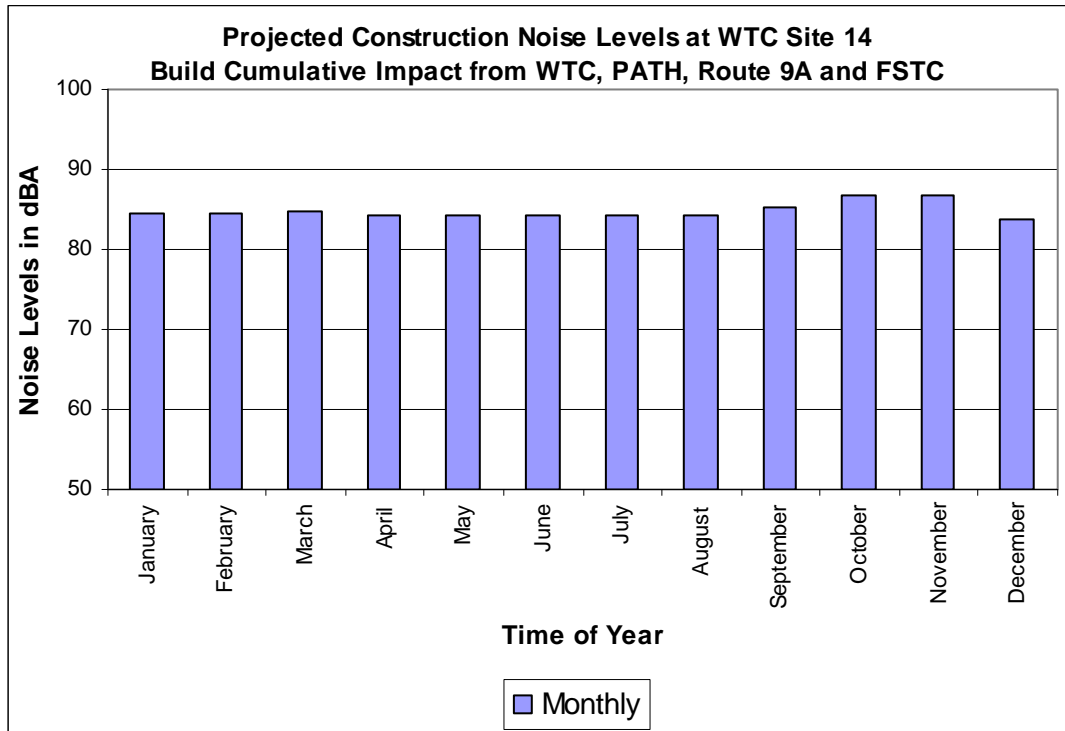
Projected Construction Noise Levels for Build Alternative – 30 Day Leq

Site 13					
Month	PATH	FSTC	RTE 9A	WTC	Monthly
January	75	63	60	80	81
February	75	63	60	80	81
March	75	64	63	80	81
April	76	61	63	80	82
May	76	61	60	80	82
June	76	61	59	80	82
July	76	61	59	80	82
August	76	60	59	80	82
September	75	58	59	81	82
October	75	57	61	81	82
November	75	57	61	81	82
December	75	57	56	76	79



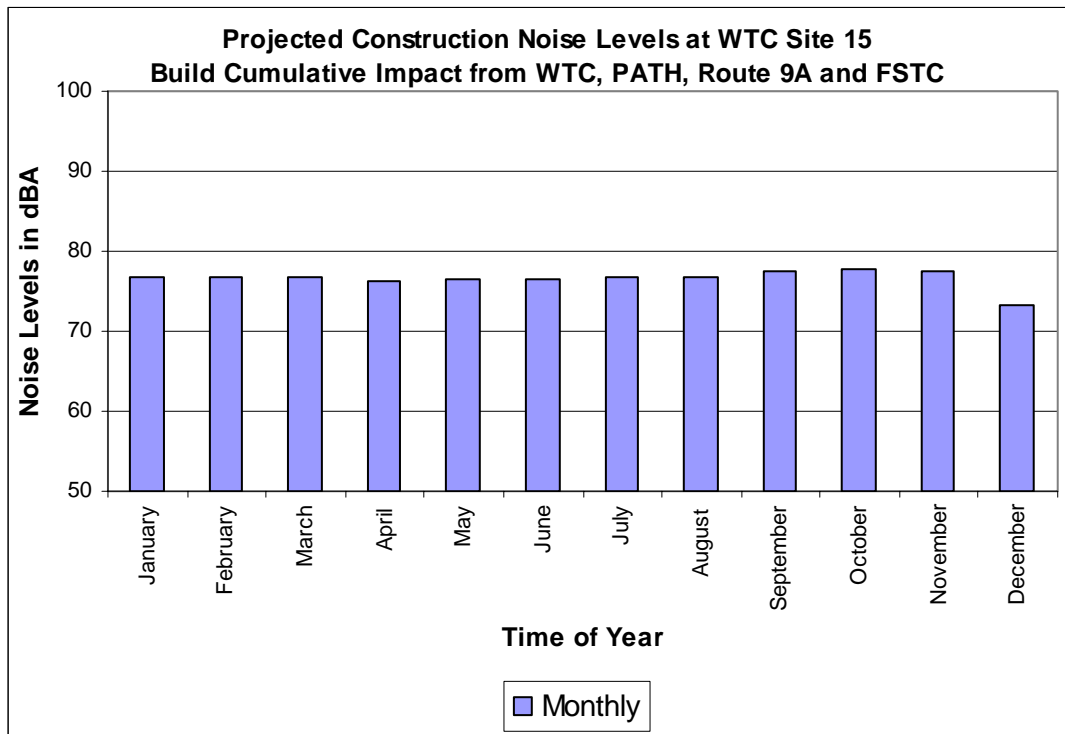
Projected Construction Noise Levels for Build Alternative – 30 Day Leq

Site 14					
Month	PATH	FSTC	RTE 9A	WTC	Monthly
January	69	72	59	84	84
February	68	75	59	84	85
March	68	75	61	84	85
April	64	66	61	84	84
May	68	66	58	84	84
June	68	66	58	84	84
July	69	66	58	84	84
August	69	65	58	84	84
September	68	64	58	85	85
October	82	63	60	85	87
November	82	63	60	85	87
December	82	63	55	79	84



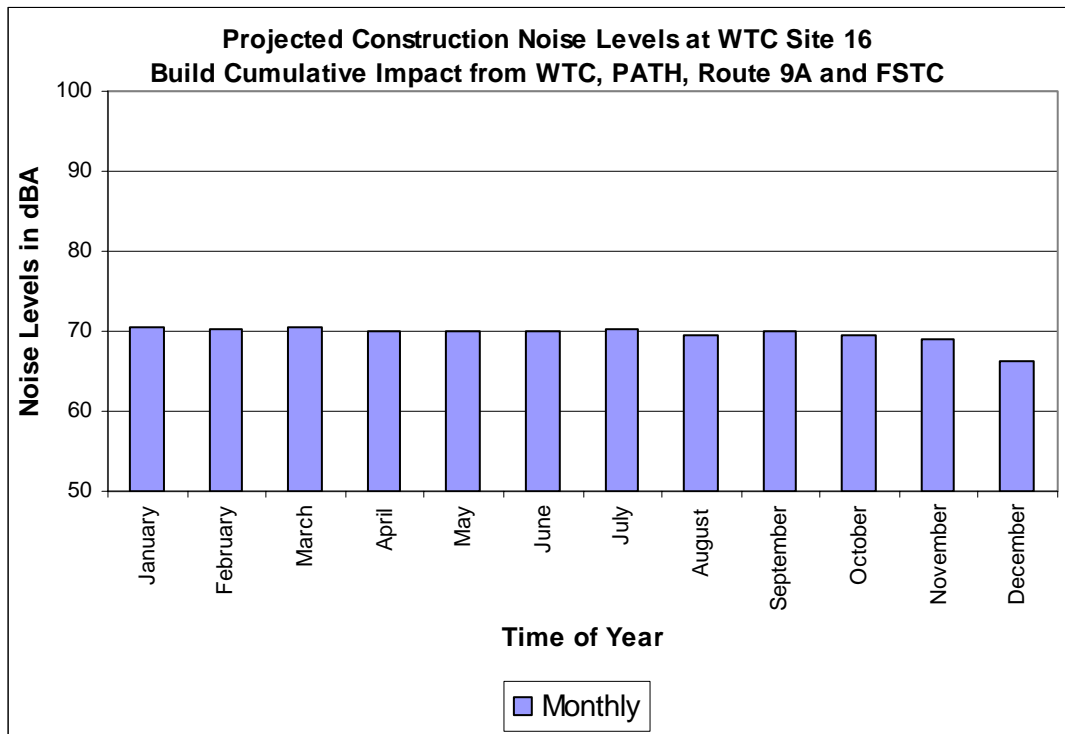
Projected Construction Noise Levels for Build Alternative – 30 Day Leq

Site 15					
Month	PATH	FSTC	RTE 9A	WTC	Monthly
January	67	64	53	76	77
February	66	64	53	76	77
March	66	64	56	76	77
April	62	62	56	76	76
May	66	62	52	76	77
June	66	61	52	76	77
July	67	61	52	76	77
August	67	61	52	76	77
September	66	58	52	77	77
October	69	57	54	77	78
November	67	57	54	77	77
December	67	57	49	72	73



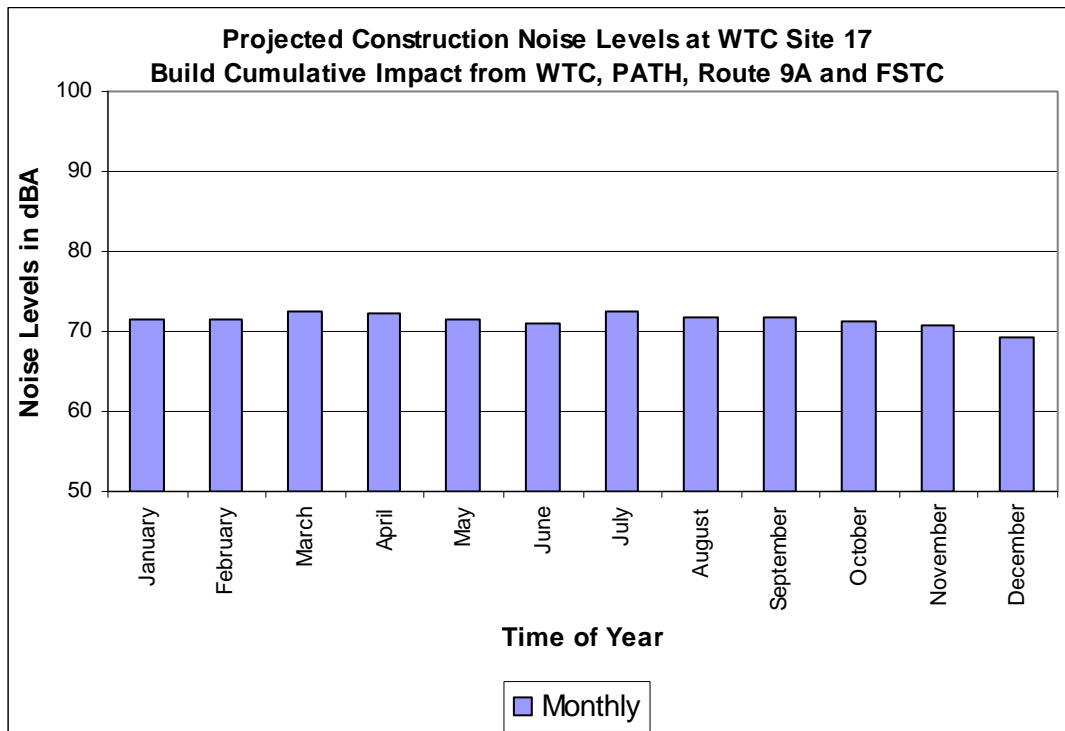
Projected Construction Noise Levels for Build Alternative – 30 Day Leq

Site 16					
Month	PATH	FSTC	RTE 9A	WTC	Monthly
January	63	61	54	69	71
February	61	61	54	69	70
March	61	61	57	69	70
April	58	59	57	69	70
May	61	59	53	69	70
June	61	58	53	69	70
July	63	58	53	69	70
August	63	58	53	68	70
September	61	55	53	69	70
October	63	54	55	68	69
November	60	54	55	68	69
December	59	54	50	65	66



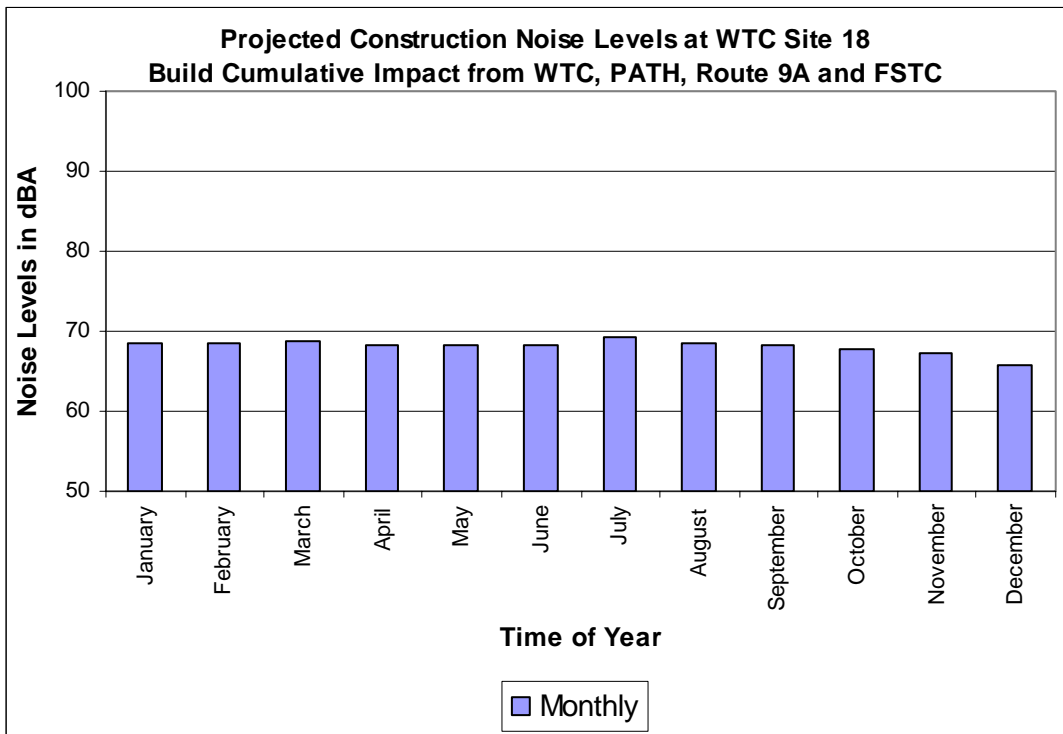
Projected Construction Noise Levels for Build Alternative – 30 Day Leq

Site 17					
Month	PATH	FSTC	RTE 9A	WTC	Monthly
January	63	56	66	69	72
February	62	56	66	69	71
March	62	56	69	69	73
April	58	53	69	69	72
May	62	54	66	69	71
June	62	53	65	69	71
July	63	53	65	71	73
August	63	52	65	70	72
September	62	50	65	70	72
October	63	48	67	68	71
November	57	48	67	68	71
December	56	48	62	68	69



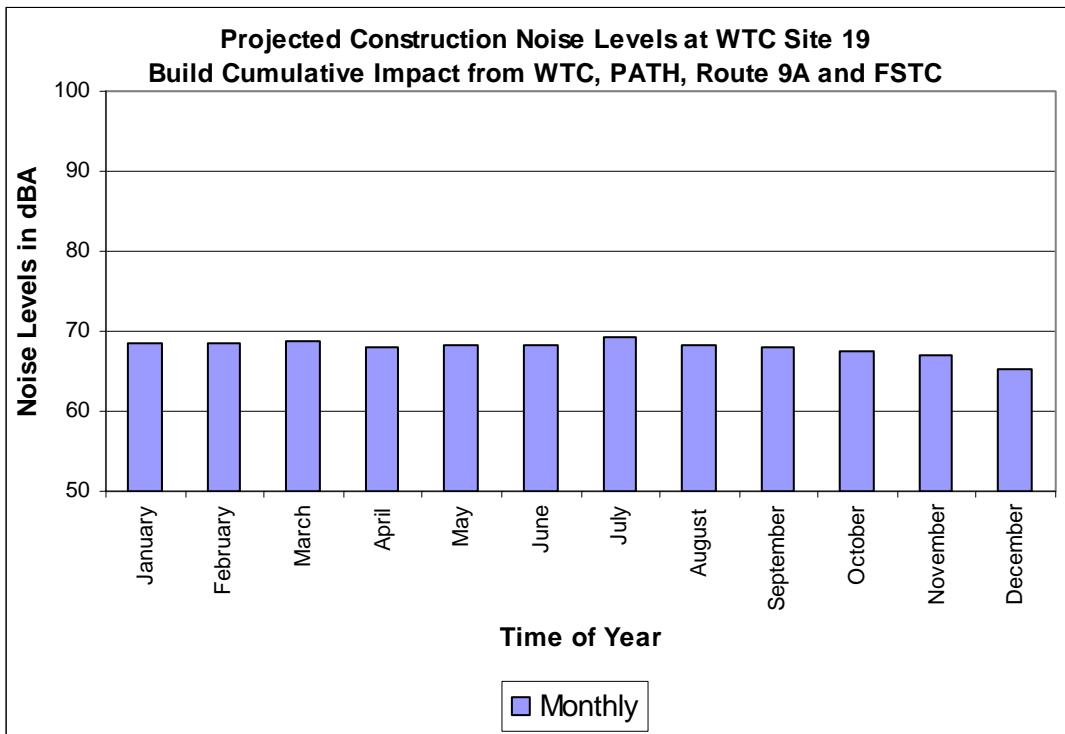
Projected Construction Noise Levels for Build Alternative – 30 Day Leq

Site 18					
Month	PATH	FSTC	RTE 9A	WTC	Monthly
January	61	57	57	67	69
February	60	57	57	67	68
March	60	58	60	67	69
April	57	55	60	67	68
May	60	55	56	67	68
June	60	54	56	67	68
July	61	55	56	68	69
August	61	54	56	67	68
September	60	52	56	67	68
October	61	50	58	66	68
November	57	50	58	66	67
December	56	50	53	65	66



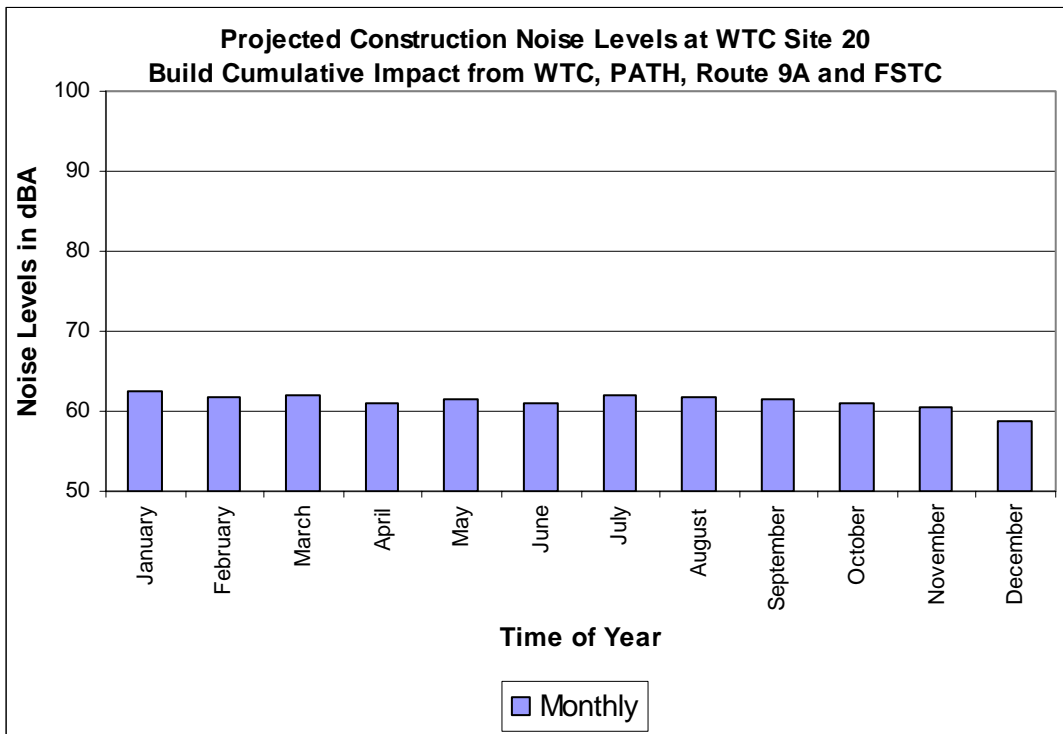
Projected Construction Noise Levels for Build Alternative – 30 Day Leq

Site 19					
Month	PATH	FSTC	RTE 9A	WTC	Monthly
January	61	58	55	67	69
February	60	58	55	67	68
March	60	59	58	67	69
April	56	56	58	67	68
May	60	56	55	67	68
June	60	55	54	67	68
July	61	56	54	68	69
August	61	55	54	67	68
September	60	53	54	67	68
October	61	51	56	66	68
November	57	51	56	66	67
December	57	51	51	64	65



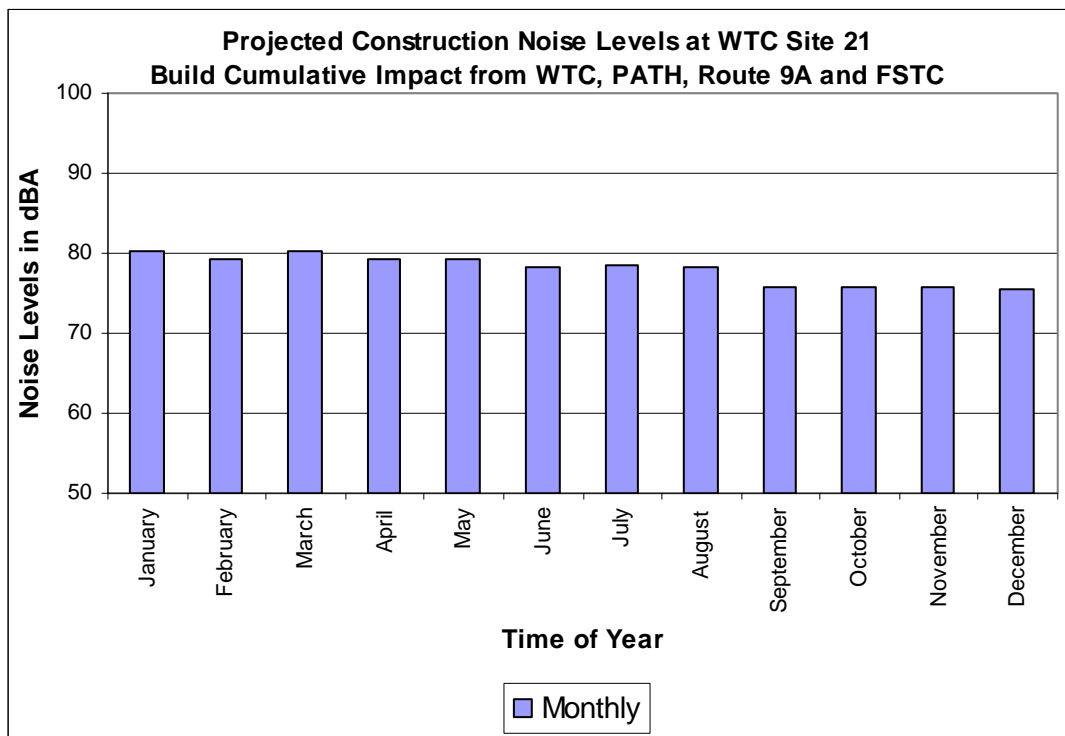
Projected Construction Noise Levels for Build Alternative – 30 Day Leq

Site 20					
Month	PATH	FSTC	RTE 9A	WTC	Monthly
January	54	56	49	60	62
February	53	56	49	59	62
March	53	57	51	59	62
April	49	54	51	59	61
May	53	55	48	59	61
June	53	54	47	59	61
July	54	54	47	60	62
August	54	53	47	60	62
September	53	52	47	60	61
October	55	50	49	59	61
November	51	50	49	59	60
December	51	50	44	57	59



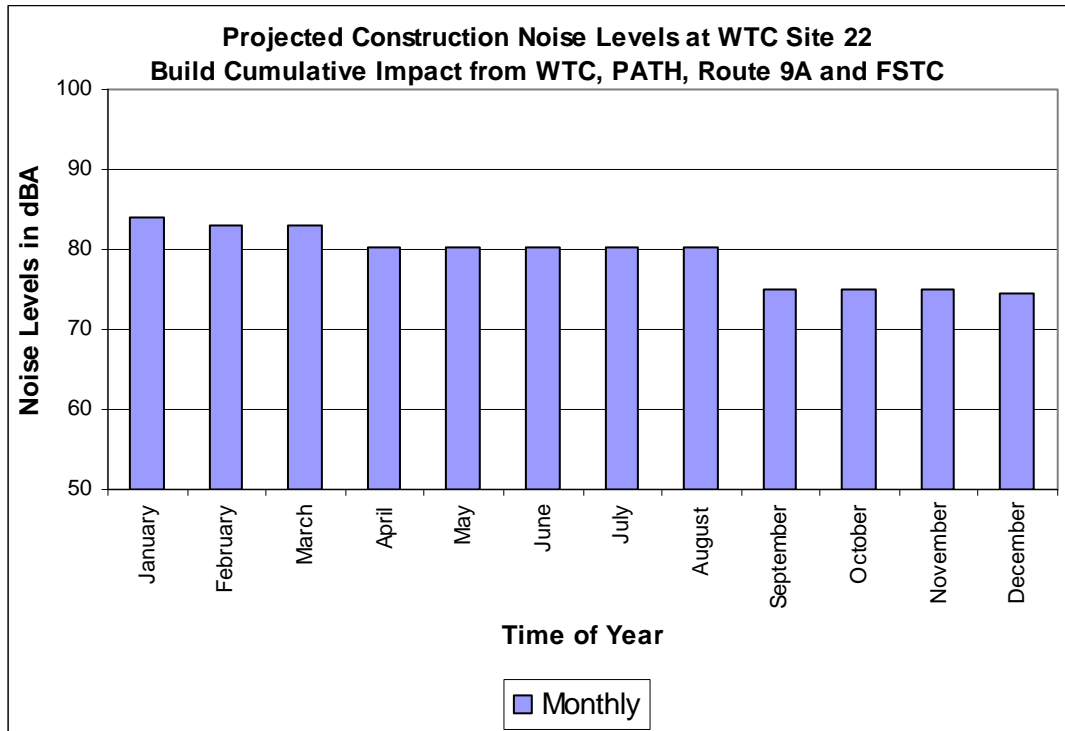
Projected Construction Noise Levels for Build Alternative – 30 Day Leq

Site 21					
Month	PATH	FSTC	RTE 9A	WTC	Monthly
January	59	80	51	66	80
February	58	79	51	66	79
March	58	80	54	66	80
April	55	79	54	66	79
May	58	79	50	66	79
June	58	78	50	66	78
July	59	78	50	67	78
August	59	78	50	66	78
September	58	75	50	67	76
October	62	75	52	67	76
November	61	75	52	67	76
December	61	75	47	62	75



Projected Construction Noise Levels for Build Alternative – 30 Day Leq

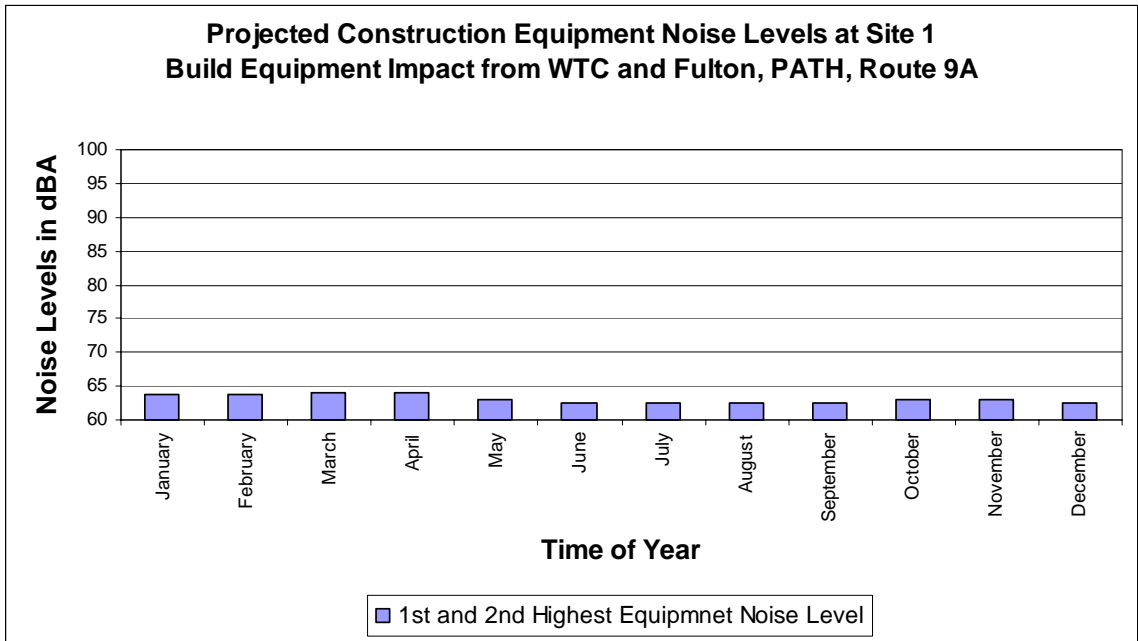
Site 22					
Month	PATH	FSTC	RTE 9A	WTC	Monthly
January	60	84	52	66	84
February	59	83	52	66	83
March	59	83	54	66	83
April	56	80	54	66	80
May	59	80	51	66	80
June	59	80	51	66	80
July	60	80	51	67	80
August	60	80	51	66	80
September	59	74	51	67	75
October	63	74	52	67	75
November	61	74	52	67	75
December	61	74	48	63	75



**ANALYSIS YEAR 2006
BUILD ALTERNATIVE
STATIONARY SOURCES
1ST & 2ND HIGHEST EQUIPMENT NOISE LEVELS
SITES 1 – 22**

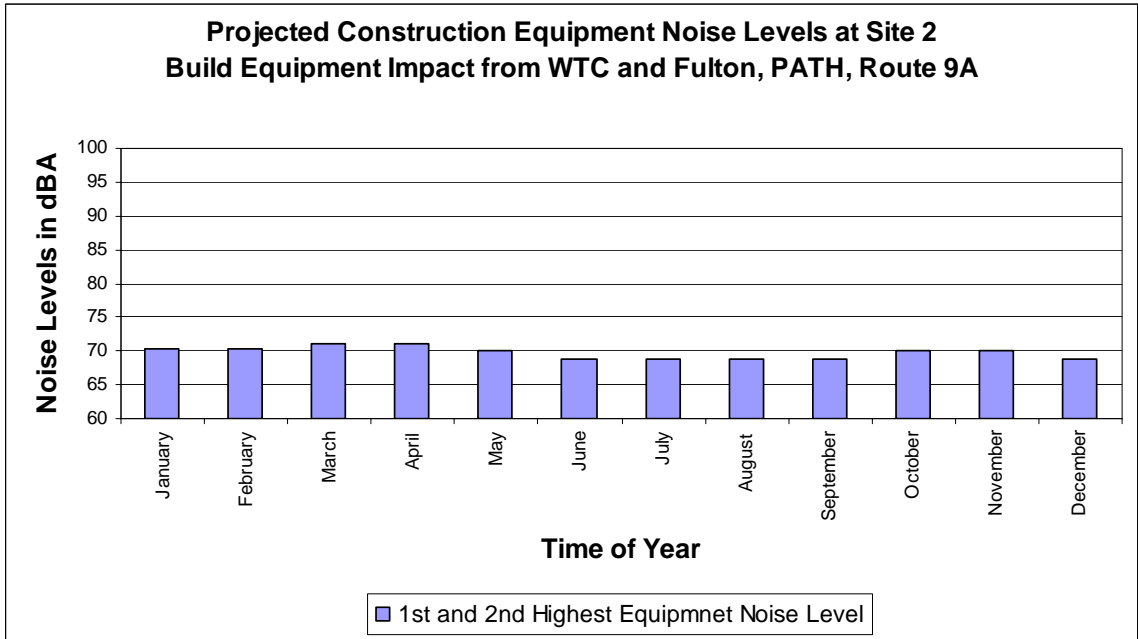
**PATH, ROUTE 9A, FSTC, and WTC 1st and 2nd Highest,
Build - Cumulative Equipment Noise Levels, Site 1**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	62	Route 9A	59	WTC	64
February	62	Route 9A	59	WTC	64
March	62	Route 9A	60	Route 9A	64
April	62	Route 9A	60	Route 9A	64
May	60	Route 9A	60	Route 9A	63
June	60	Route 9A	59	WTC	63
July	60	Route 9A	59	WTC	63
August	60	Route 9A	59	WTC	63
September	60	Route 9A	59	WTC	63
October	60	Route 9A	60	Route 9A	63
November	60	Route 9A	60	Route 9A	63
December	60	Route 9A	59	WTC	63



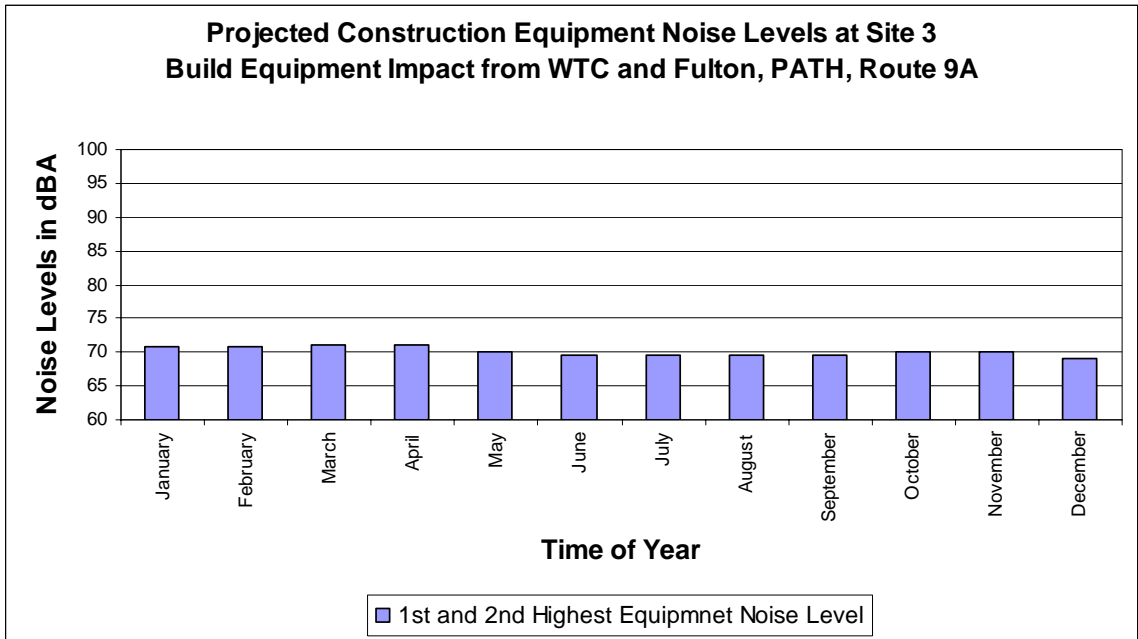
**PATH, ROUTE 9A, FSTC, and WTC 1st and 2nd Highest,
Build - Cumulative Equipment Noise Levels, Site 2**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	69	Route 9A	64	Route 9A	70
February	69	Route 9A	64	Route 9A	70
March	69	Route 9A	67	Route 9A	71
April	69	Route 9A	67	Route 9A	71
May	67	Route 9A	67	Route 9A	70
June	67	Route 9A	64	Route 9A	69
July	67	Route 9A	64	Route 9A	69
August	67	Route 9A	64	Route 9A	69
September	67	Route 9A	64	Route 9A	69
October	67	Route 9A	67	Route 9A	70
November	67	Route 9A	67	Route 9A	70
December	67	Route 9A	64	Route 9A	69



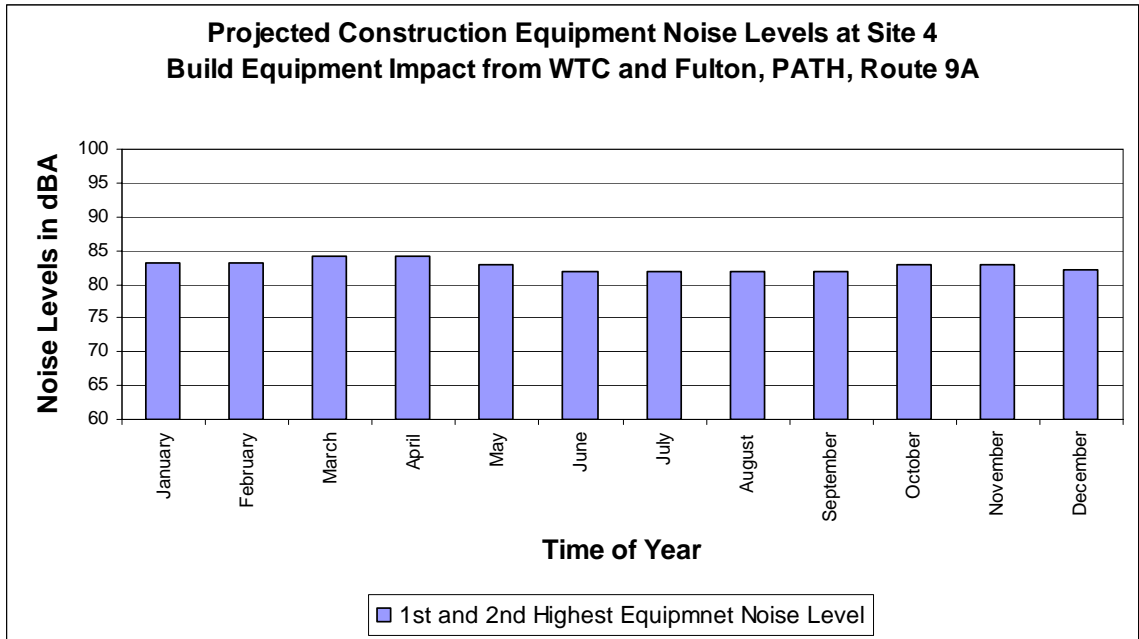
**PATH, ROUTE 9A, FSTC, and WTC 1st and 2nd Highest,
Build - Cumulative Equipment Noise Levels, Site 3**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	69	Route 9A	66	PATH	71
February	69	Route 9A	66	PATH	71
March	69	Route 9A	67	Route 9A	71
April	69	Route 9A	67	Route 9A	71
May	67	Route 9A	67	Route 9A	70
June	67	Route 9A	66	PATH	70
July	67	Route 9A	66	PATH	70
August	67	Route 9A	66	PATH	70
September	67	Route 9A	66	PATH	70
October	67	Route 9A	67	Route 9A	70
November	67	Route 9A	67	Route 9A	70
December	67	Route 9A	65	WTC	69



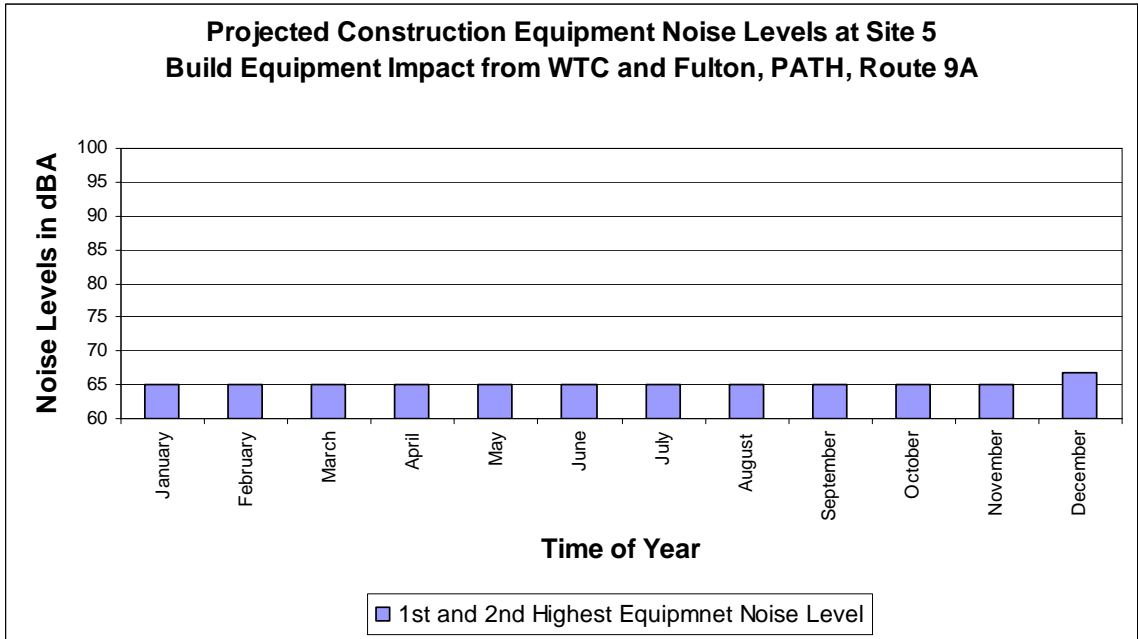
PATH, ROUTE 9A, FSTC, and WTC 1st and 2nd Highest, Build - Cumulative Equipment Noise Levels, Site 4

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	82	Route 9A	77	Route 9A	83
February	82	Route 9A	77	Route 9A	83
March	82	Route 9A	80	Route 9A	84
April	82	Route 9A	80	Route 9A	84
May	80	Route 9A	80	Route 9A	83
June	80	Route 9A	77	Route 9A	82
July	80	Route 9A	77	Route 9A	82
August	80	Route 9A	77	Route 9A	82
September	80	Route 9A	77	Route 9A	82
October	80	Route 9A	80	Route 9A	83
November	80	Route 9A	80	Route 9A	83
December	80	Route 9A	78	WTC	82



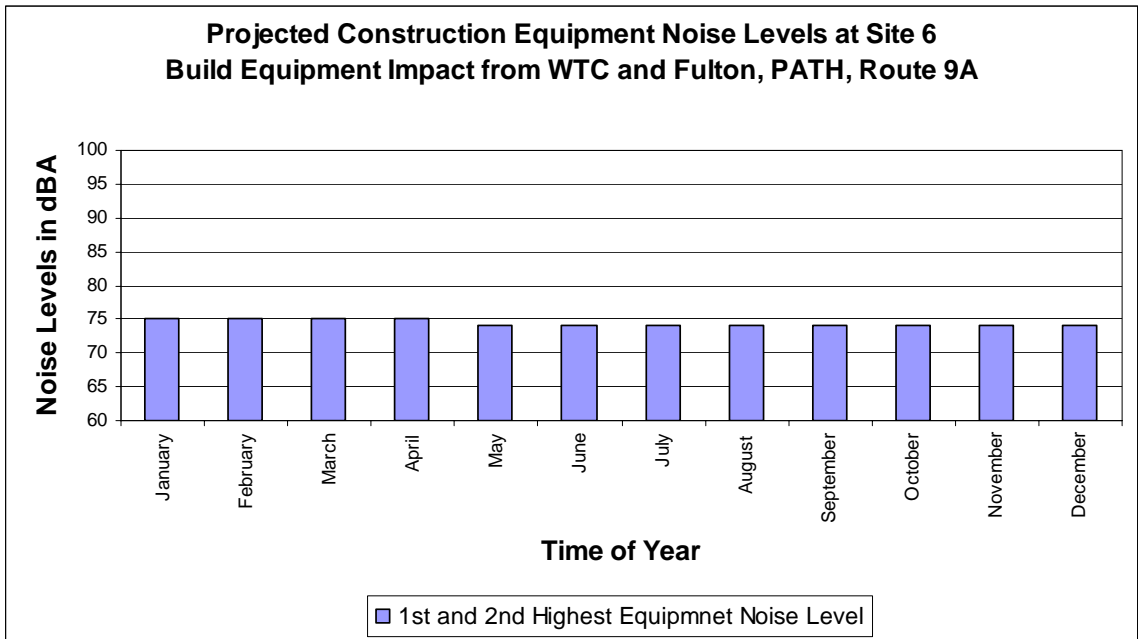
**PATH, ROUTE 9A, FSTC, and WTC 1st and 2nd Highest,
Build - Cumulative Equipment Noise Levels, Site 5**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	62	WTC	62	WTC	65
February	62	WTC	62	WTC	65
March	62	WTC	62	WTC	65
April	62	WTC	62	WTC	65
May	62	WTC	62	WTC	65
June	62	WTC	62	WTC	65
July	62	WTC	62	WTC	65
August	62	WTC	62	WTC	65
September	62	WTC	62	WTC	65
October	62	WTC	62	WTC	65
November	62	WTC	62	WTC	65
December	65	WTC	62	WTC	67



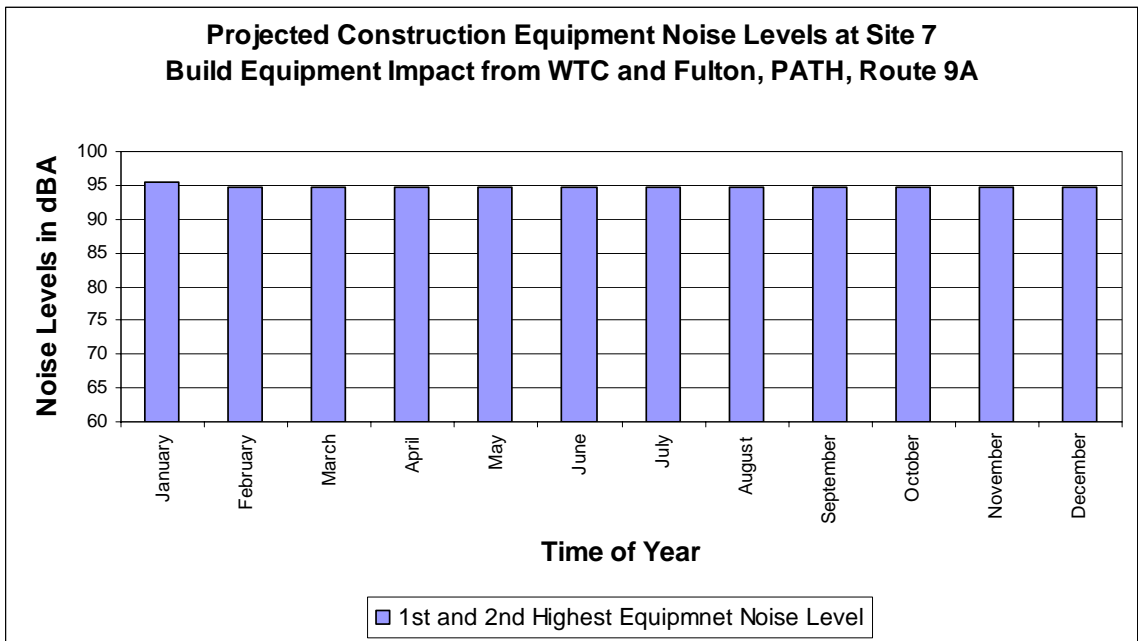
**PATH, ROUTE 9A, FSTC, and WTC 1st and 2nd Highest,
Build - Cumulative Equipment Noise Levels, Site 6**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	73	Route 9A	71	WTC	75
February	73	Route 9A	71	WTC	75
March	73	Route 9A	71	Route 9A	75
April	73	Route 9A	71	Route 9A	75
May	71	Route 9A	71	Route 9A	74
June	71	Route 9A	71	WTC	74
July	71	Route 9A	71	WTC	74
August	71	Route 9A	71	WTC	74
September	71	Route 9A	71	WTC	74
October	71	Route 9A	71	Route 9A	74
November	71	Route 9A	71	Route 9A	74
December	71	Route 9A	71	WTC	74



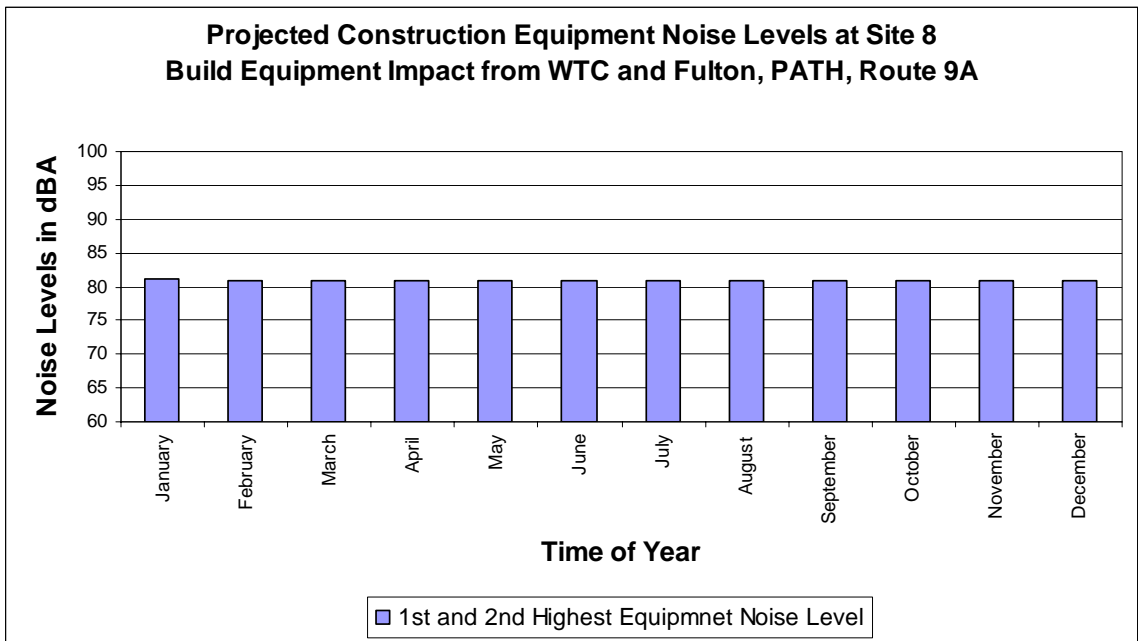
**PATH, ROUTE 9A, FSTC, and WTC 1st and 2nd Highest,
Build - Cumulative Equipment Noise Levels, Site 7**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	93	WTC	92	WTC	96
February	93	WTC	90	WTC	95
March	93	WTC	90	WTC	95
April	93	WTC	90	WTC	95
May	93	WTC	90	WTC	95
June	93	WTC	90	WTC	95
July	93	WTC	90	WTC	95
August	93	WTC	90	WTC	95
September	93	WTC	90	WTC	95
October	93	WTC	90	WTC	95
November	93	WTC	90	WTC	95
December	93	WTC	90	WTC	95



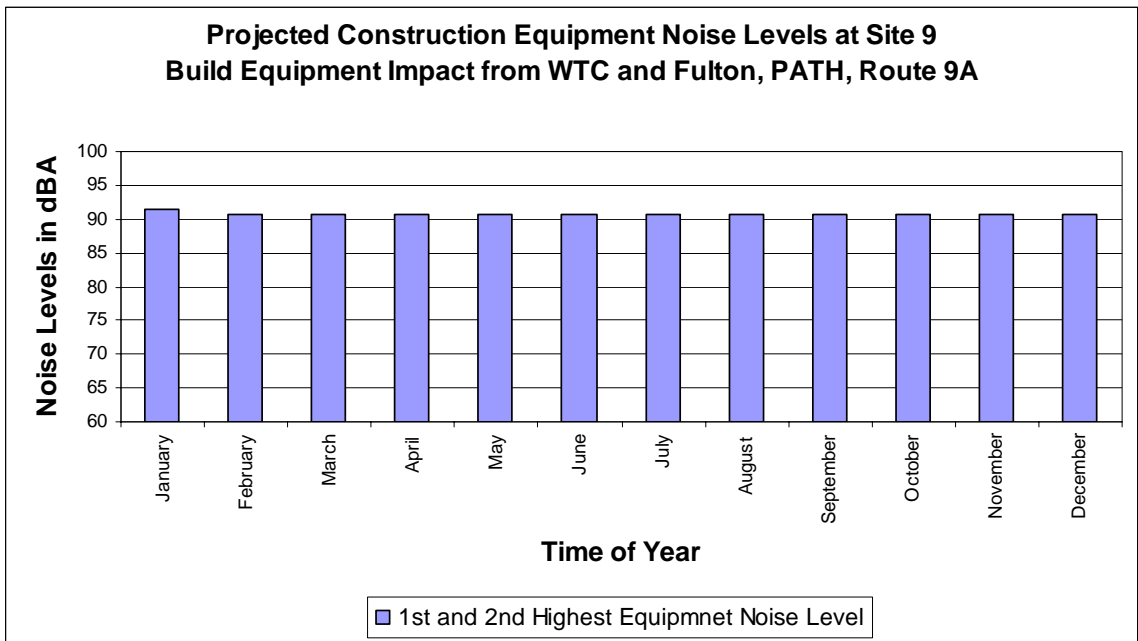
**PATH, ROUTE 9A, FSTC, and WTC 1st and 2nd Highest,
Build - Cumulative Equipment Noise Levels, Site 8**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	79	WTC	77	WTC	81
February	79	WTC	76	WTC	81
March	79	WTC	76	WTC	81
April	79	WTC	76	WTC	81
May	79	WTC	76	WTC	81
June	79	WTC	76	WTC	81
July	79	WTC	76	WTC	81
August	79	WTC	76	WTC	81
September	79	WTC	76	WTC	81
October	79	WTC	76	WTC	81
November	79	WTC	76	WTC	81
December	79	WTC	76	WTC	81



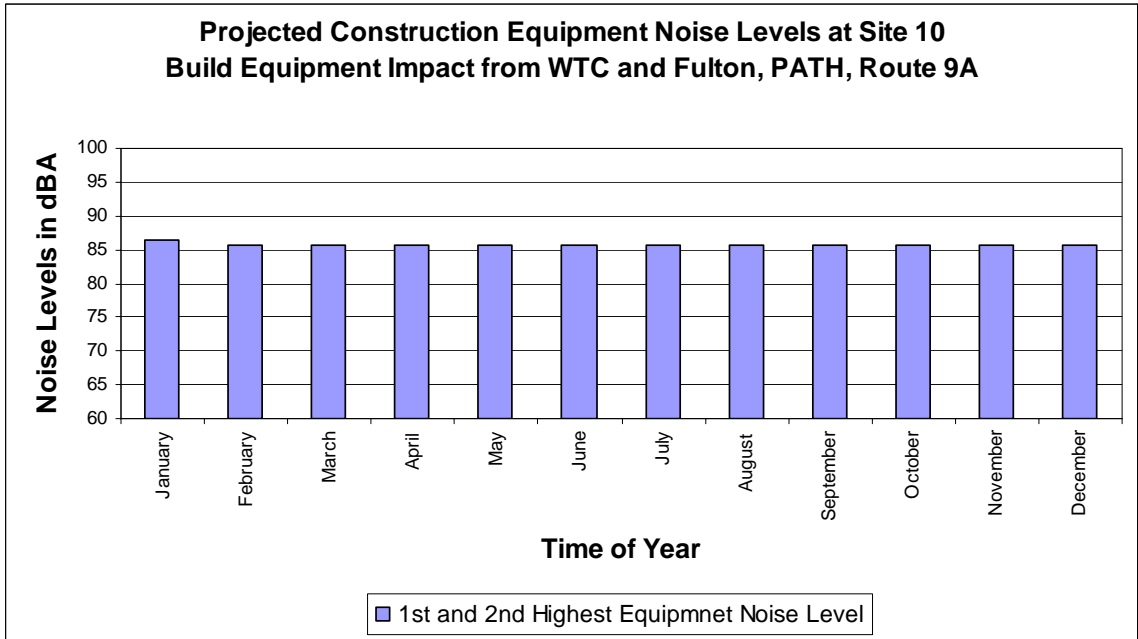
**PATH, ROUTE 9A, FSTC, and WTC 1st and 2nd Highest,
Build - Cumulative Equipment Noise Levels, Site 9**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	89	WTC	88	WTC	92
February	89	WTC	86	WTC	91
March	89	WTC	86	WTC	91
April	89	WTC	86	WTC	91
May	89	WTC	86	WTC	91
June	89	WTC	86	WTC	91
July	89	WTC	86	WTC	91
August	89	WTC	86	WTC	91
September	89	WTC	86	WTC	91
October	89	WTC	86	WTC	91
November	89	WTC	86	WTC	91
December	89	WTC	86	WTC	91



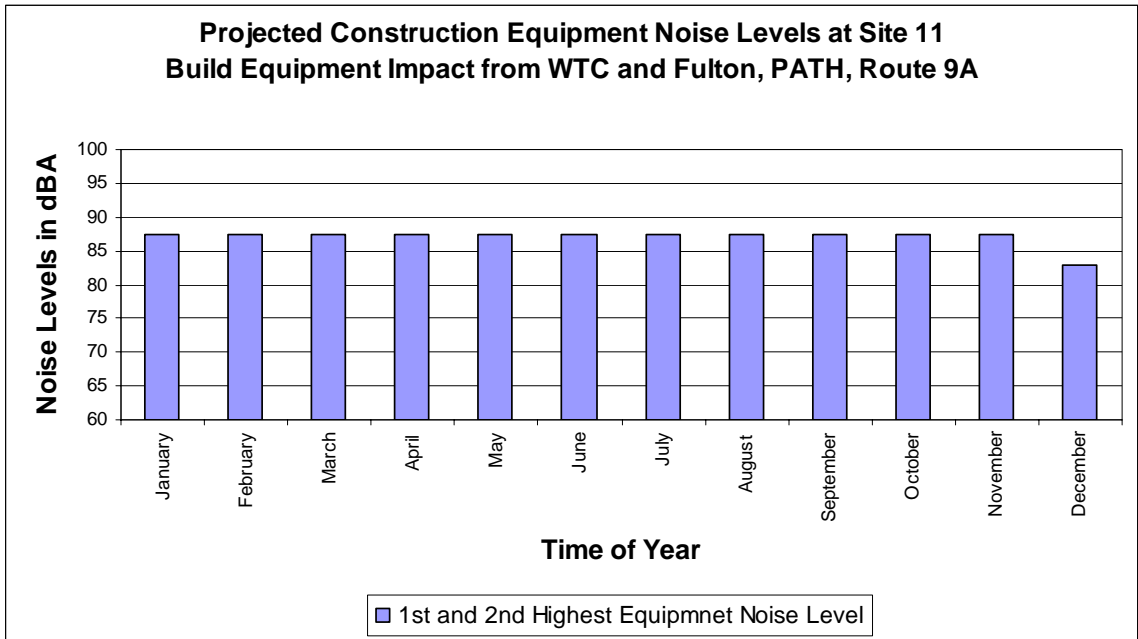
**PATH, ROUTE 9A, FSTC, and WTC 1st and 2nd Highest,
Build - Cumulative Equipment Noise Levels, Site 10**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	84	WTC	83	WTC	87
February	84	WTC	81	WTC	86
March	84	WTC	81	WTC	86
April	84	WTC	81	WTC	86
May	84	WTC	81	WTC	86
June	84	WTC	81	WTC	86
July	84	WTC	81	WTC	86
August	84	WTC	81	WTC	86
September	84	WTC	81	WTC	86
October	84	WTC	81	WTC	86
November	84	WTC	81	WTC	86
December	84	WTC	81	WTC	86



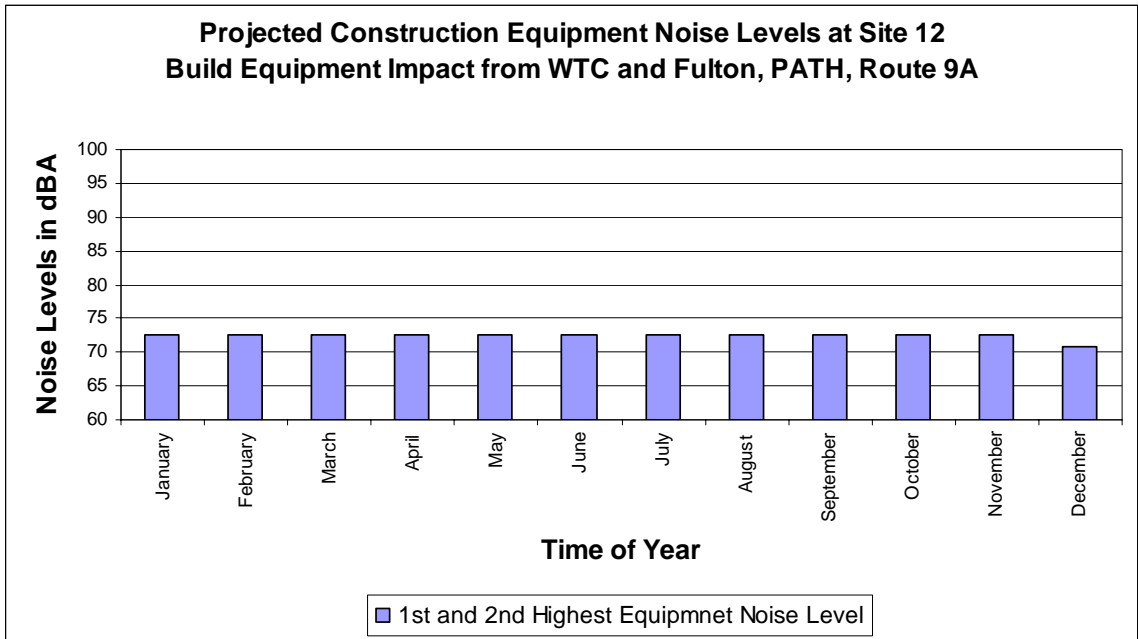
**PATH, ROUTE 9A, FSTC, and WTC 1st and 2nd Highest,
Build - Cumulative Equipment Noise Levels, Site 11**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	87	WTC	77	WTC	87
February	87	WTC	77	WTC	87
March	87	WTC	77	WTC	87
April	87	WTC	77	WTC	87
May	87	WTC	77	WTC	87
June	87	WTC	77	WTC	87
July	87	WTC	77	WTC	87
August	87	WTC	77	WTC	87
September	87	WTC	77	WTC	87
October	87	WTC	77	WTC	87
November	87	WTC	77	WTC	87
December	80	WTC	80	WTC	83



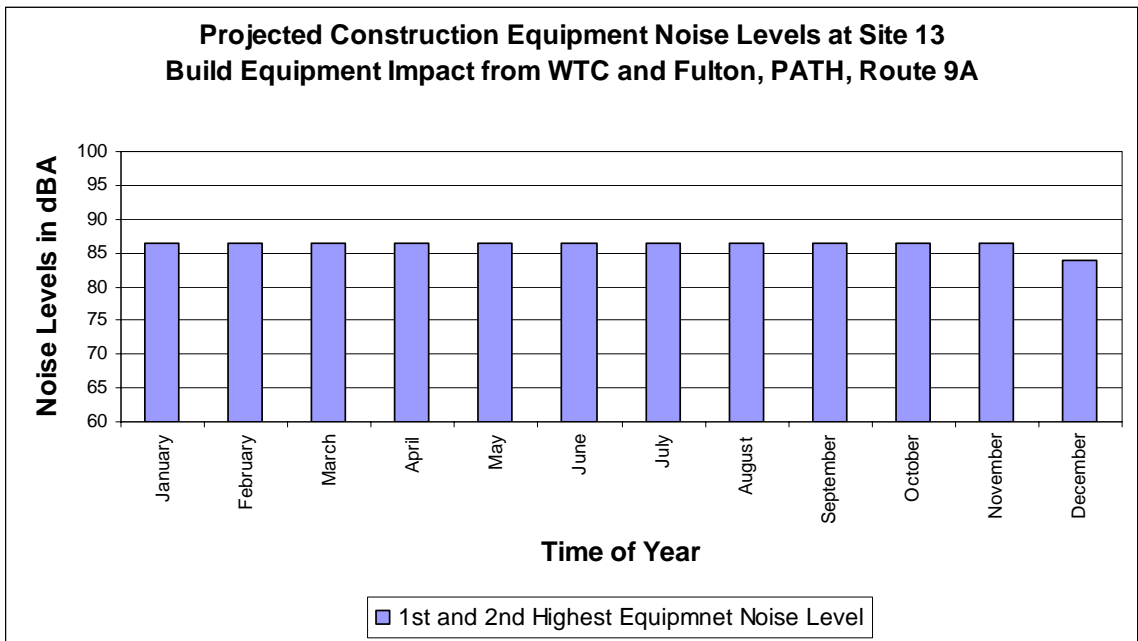
**PATH, ROUTE 9A, FSTC, and WTC 1st and 2nd Highest,
Build - Cumulative Equipment Noise Levels, Site 12**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	70	WTC	69	PATH	73
February	70	WTC	69	PATH	73
March	70	WTC	69	PATH	73
April	70	WTC	69	PATH	73
May	70	WTC	69	PATH	73
June	70	WTC	69	PATH	73
July	70	WTC	69	PATH	73
August	70	WTC	69	PATH	73
September	70	WTC	69	PATH	73
October	70	WTC	69	PATH	73
November	70	WTC	69	PATH	73
December	69	PATH	66	WTC	71



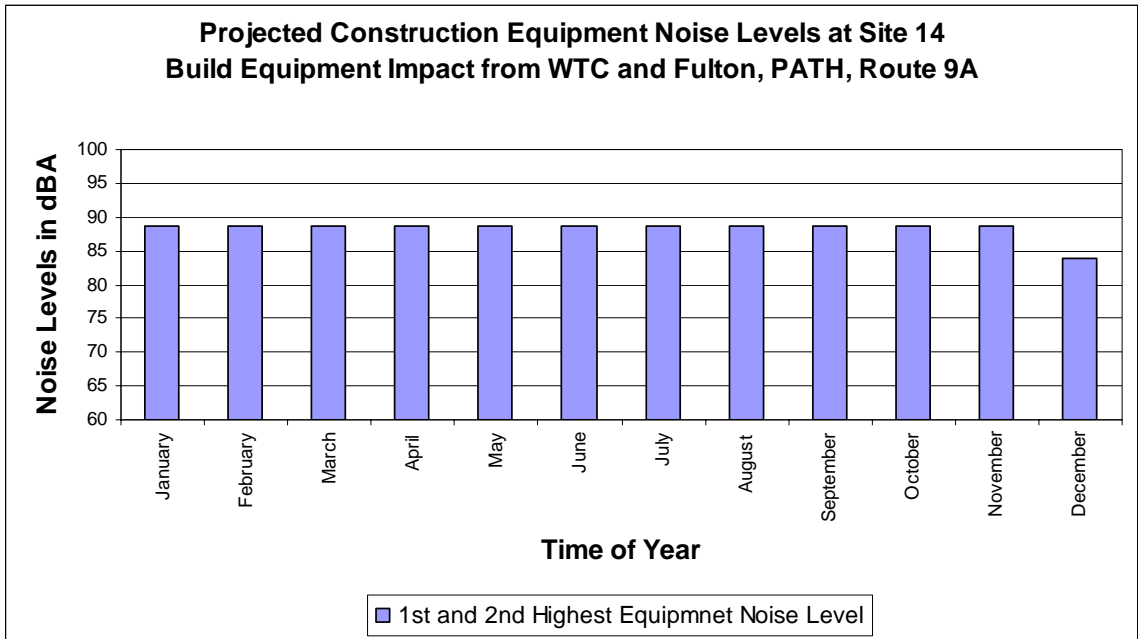
**PATH, ROUTE 9A, FSTC, and WTC 1st and 2nd Highest,
Build - Cumulative Equipment Noise Levels, Site 13**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	84	WTC	83	PATH	87
February	84	WTC	83	PATH	87
March	84	WTC	83	PATH	87
April	84	WTC	83	PATH	87
May	84	WTC	83	PATH	87
June	84	WTC	83	PATH	87
July	84	WTC	83	PATH	87
August	84	WTC	83	PATH	87
September	84	WTC	83	PATH	87
October	84	WTC	83	PATH	87
November	84	WTC	83	PATH	87
December	83	PATH	77	WTC	84



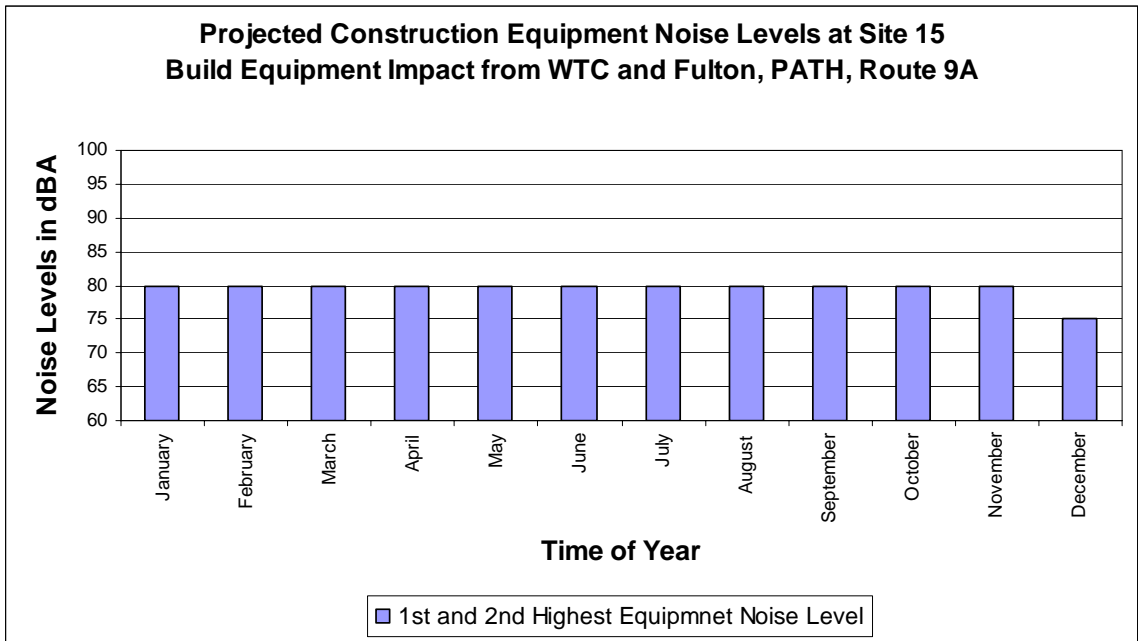
**PATH, ROUTE 9A, FSTC, and WTC 1st and 2nd Highest,
Build - Cumulative Equipment Noise Levels, Site 14**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	88	WTC	81	WTC	89
February	88	WTC	81	WTC	89
March	88	WTC	81	WTC	89
April	88	WTC	81	WTC	89
May	88	WTC	81	WTC	89
June	88	WTC	81	WTC	89
July	88	WTC	81	WTC	89
August	88	WTC	81	WTC	89
September	88	WTC	81	WTC	89
October	88	WTC	81	WTC	89
November	88	WTC	81	WTC	89
December	81	WTC	81	WTC	84



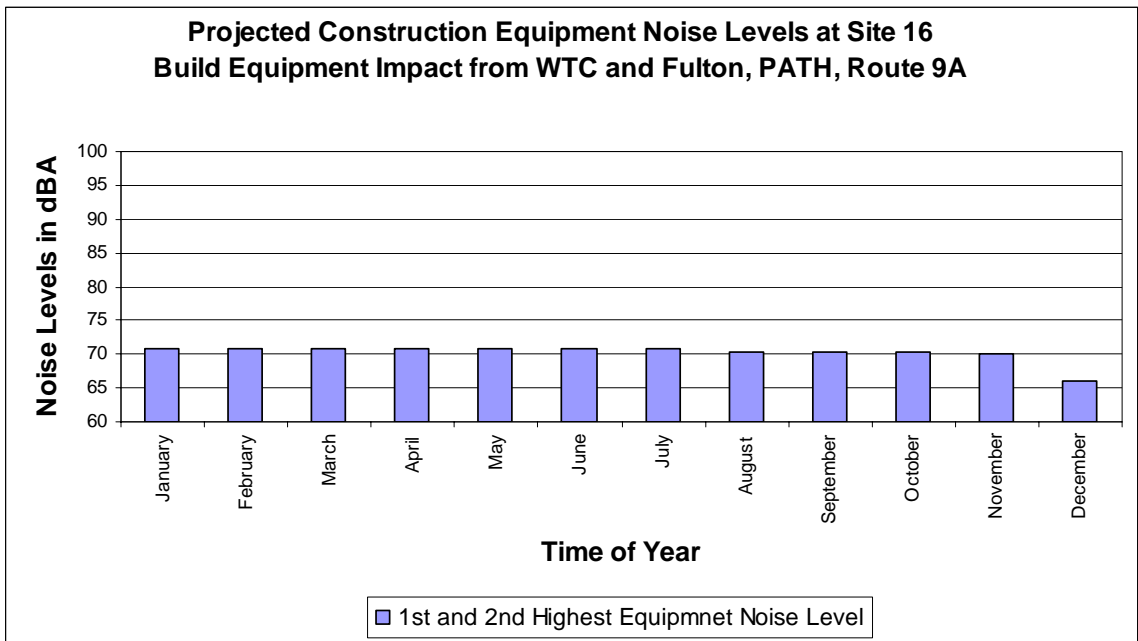
**PATH, ROUTE 9A, FSTC, and WTC 1st and 2nd Highest,
Build - Cumulative Equipment Noise Levels, Site 15**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	79	WTC	72	WTC	80
February	79	WTC	72	WTC	80
March	79	WTC	72	WTC	80
April	79	WTC	72	WTC	80
May	79	WTC	72	WTC	80
June	79	WTC	72	WTC	80
July	79	WTC	72	WTC	80
August	79	WTC	72	WTC	80
September	79	WTC	72	WTC	80
October	79	WTC	72	WTC	80
November	79	WTC	72	WTC	80
December	72	WTC	72	WTC	75



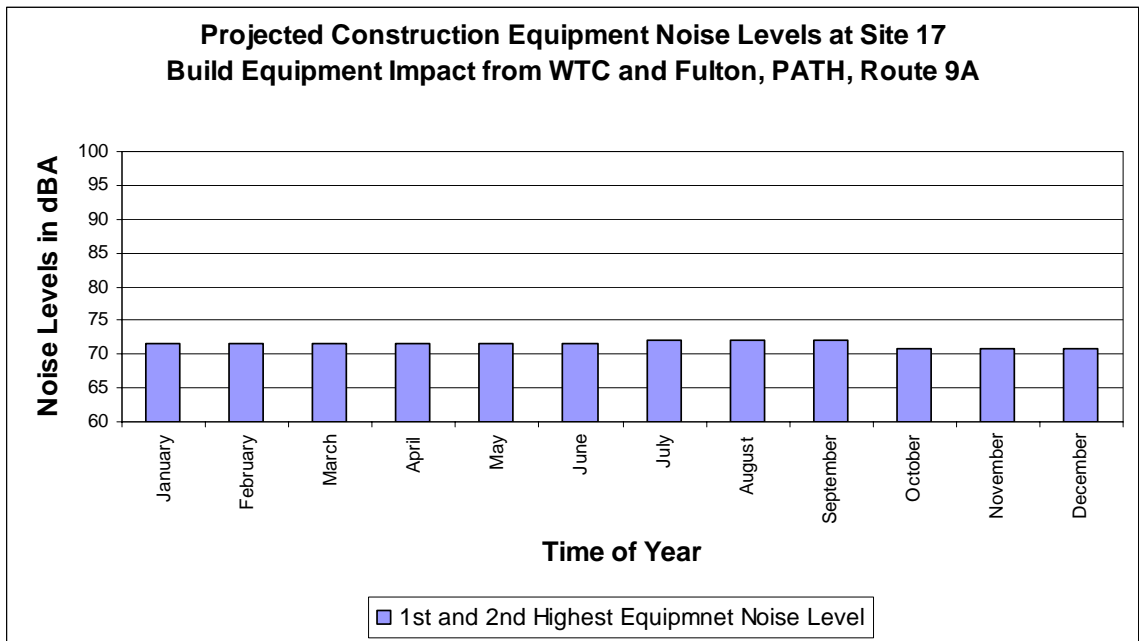
**PATH, ROUTE 9A, FSTC, and WTC 1st and 2nd Highest,
Build - Cumulative Equipment Noise Levels, Site 16**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	69	WTC	66	WTC	71
February	69	WTC	66	WTC	71
March	69	WTC	66	WTC	71
April	69	WTC	66	WTC	71
May	69	WTC	66	WTC	71
June	69	WTC	66	WTC	71
July	69	WTC	66	WTC	71
August	69	WTC	64	PATH	70
September	69	WTC	64	PATH	70
October	69	WTC	64	PATH	70
November	69	WTC	63	WTC	70
December	63	WTC	63	WTC	66



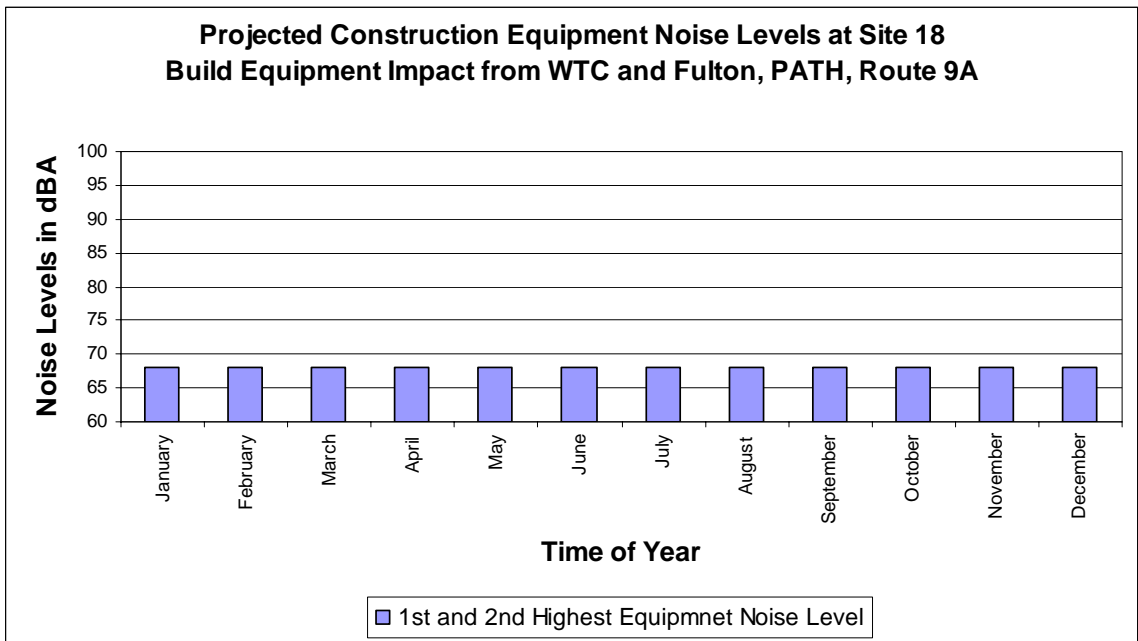
**PATH, ROUTE 9A, FSTC, and WTC 1st and 2nd Highest,
Build - Cumulative Equipment Noise Levels, Site 17**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	69	WTC	68	WTC	72
February	69	WTC	68	WTC	72
March	69	WTC	68	WTC	72
April	69	WTC	68	WTC	72
May	69	WTC	68	WTC	72
June	69	WTC	68	WTC	72
July	69	WTC	69	WTC	72
August	69	WTC	69	WTC	72
September	69	WTC	69	WTC	72
October	69	WTC	66	WTC	71
November	69	WTC	66	WTC	71
December	69	WTC	66	WTC	71



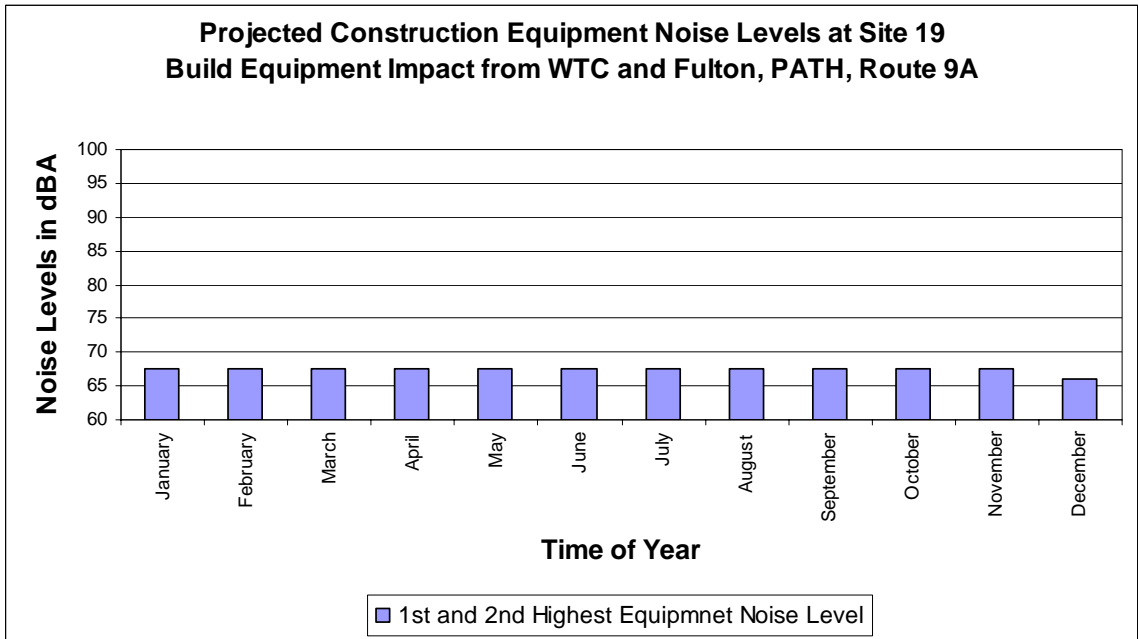
**PATH, ROUTE 9A, FSTC, and WTC 1st and 2nd Highest,
Build - Cumulative Equipment Noise Levels, Site 18**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	65	WTC	65	WTC	68
February	65	WTC	65	WTC	68
March	65	WTC	65	WTC	68
April	65	WTC	65	WTC	68
May	65	WTC	65	WTC	68
June	65	WTC	65	WTC	68
July	65	WTC	65	WTC	68
August	65	WTC	65	WTC	68
September	65	WTC	65	WTC	68
October	65	WTC	65	WTC	68
November	65	WTC	65	WTC	68
December	65	WTC	65	WTC	68



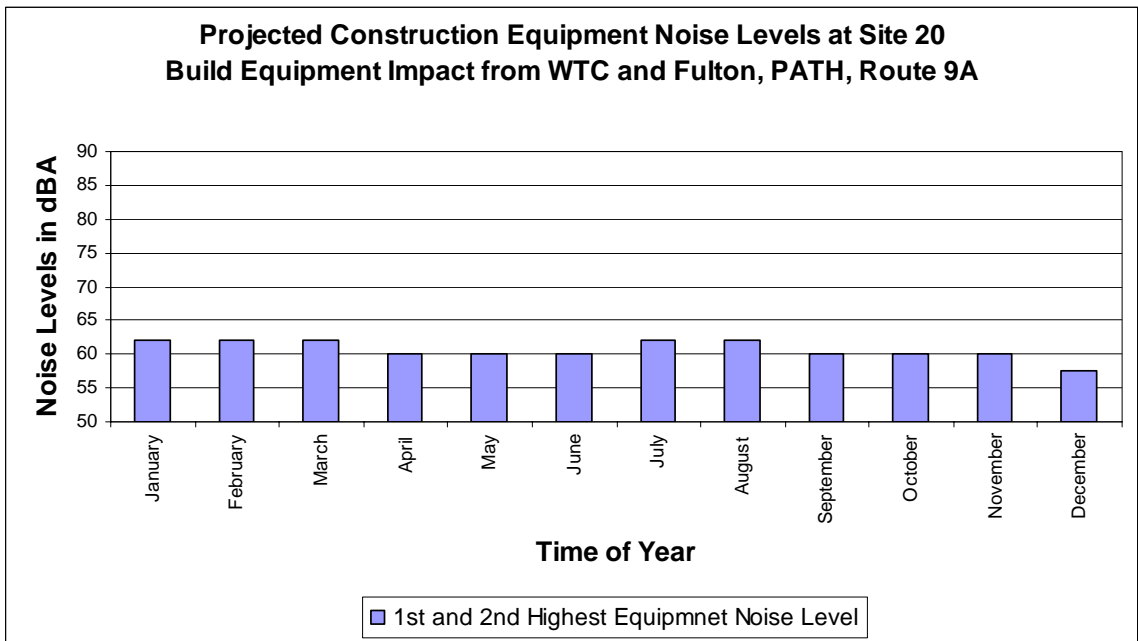
**PATH, ROUTE 9A, FSTC, and WTC 1st and 2nd Highest,
Build - Cumulative Equipment Noise Levels, Site 19**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	65	WTC	64	WTC	68
February	65	WTC	64	WTC	68
March	65	WTC	64	WTC	68
April	65	WTC	64	WTC	68
May	65	WTC	64	WTC	68
June	65	WTC	64	WTC	68
July	65	WTC	64	WTC	68
August	65	WTC	64	WTC	68
September	65	WTC	64	WTC	68
October	65	WTC	64	WTC	68
November	65	WTC	64	WTC	68
December	64	WTC	62	WTC	66



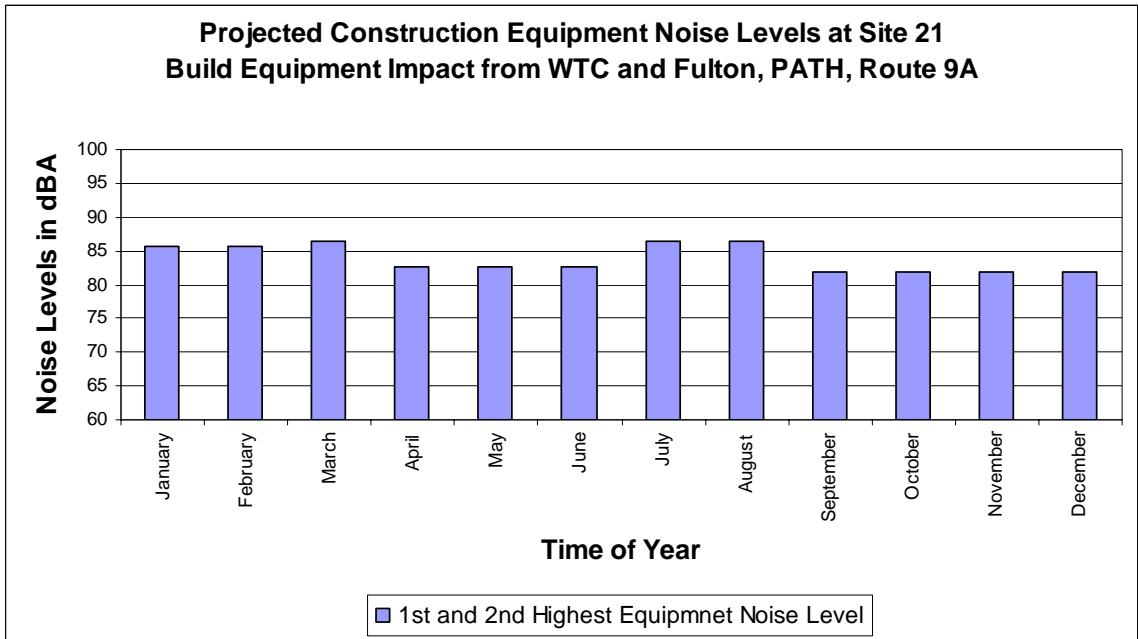
**PATH, ROUTE 9A, FSTC, and WTC 1st and 2nd Highest,
Build - Cumulative Equipment Noise Levels, Site 20**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	60	FSTC	58	WTC	62
February	60	FSTC	58	WTC	62
March	60	FSTC	58	WTC	62
April	58	WTC	56	WTC	60
May	58	WTC	56	WTC	60
June	58	WTC	56	WTC	60
July	60	FSTC	58	WTC	62
August	60	FSTC	58	WTC	62
September	58	WTC	56	WTC	60
October	58	WTC	56	WTC	60
November	58	WTC	56	WTC	60
December	55	WTC	54	WTC	58



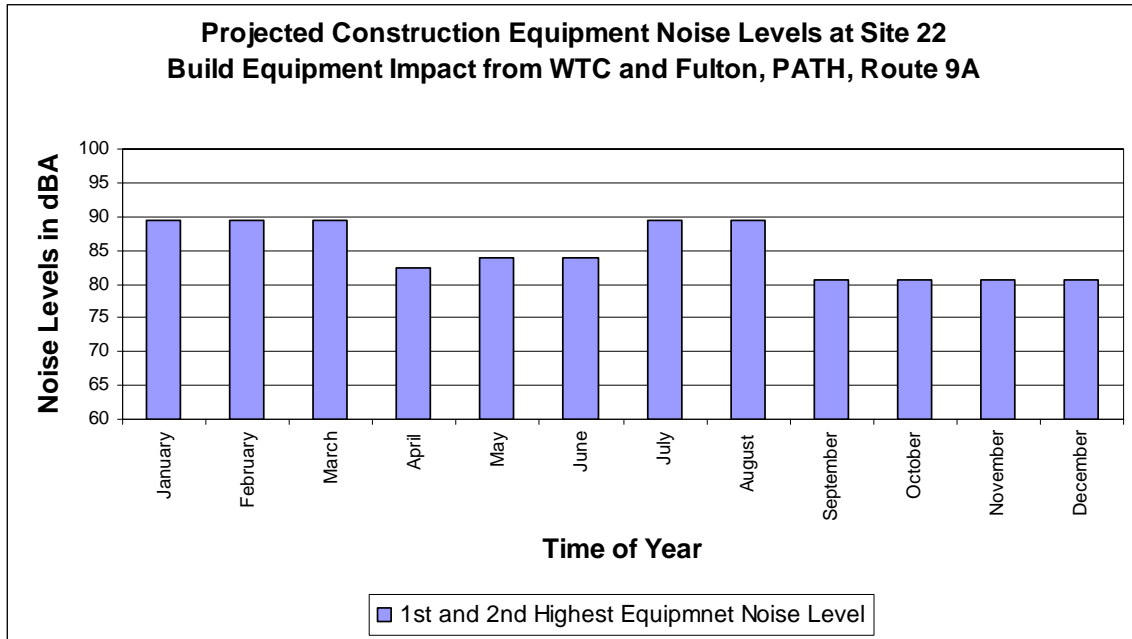
**PATH, ROUTE 9A, FSTC, and WTC 1st and 2nd Highest,
Build - Cumulative Equipment Noise Levels, Site 21**

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	85	FSTC	77	FSTC	86
February	85	FSTC	77	FSTC	86
March	85	FSTC	81	FSTC	86
April	81	FSTC	78	FSTC	83
May	81	FSTC	78	FSTC	83
June	81	FSTC	78	FSTC	83
July	85	FSTC	81	FSTC	86
August	85	FSTC	81	FSTC	86
September	81	FSTC	75	FSTC	82
October	81	FSTC	75	FSTC	82
November	81	FSTC	75	FSTC	82
December	81	FSTC	75	FSTC	82



PATH, ROUTE 9A, FSTC, and WTC 1st and 2nd Highest, Build - Cumulative Equipment Noise Levels, Site 22

Month	Highest	Source	2nd Highest	Source	1st+2nd Highest Equipment Noise
January	89	FSTC	80	FSTC	90
February	89	FSTC	80	FSTC	90
March	89	FSTC	80	FSTC	90
April	81	FSTC	77	FSTC	82
May	81	FSTC	81	FSTC	84
June	81	FSTC	81	FSTC	84
July	89	FSTC	78	FSTC	89
August	89	FSTC	78	FSTC	89
September	78	FSTC	77	FSTC	81
October	78	FSTC	77	FSTC	81
November	78	FSTC	77	FSTC	81
December	78	FSTC	77	FSTC	81



**APPENDIX H
NOISE
ANALYSIS YEAR 2009
MOBILE SOURCES
AT-GRADE & WITH TUNNEL**

TABLE 1
Traffic Volume, PCEs, Noise Level Differences
Build 2009 vs. No-Build 2009

Site ID	Site Name & Address	Land Use	2009 No-Build Traffic	2009 No-Build PCE	2009 Build Traffic	2009 Build PCE	Percent Increase	dBa Increase
1	PS 89 Playground on West St	Public Facilities & Institutions	4,975	10,305	4,987	10,610	3.0%	0.1
2	NW Corner of Murray St & West St	Open Space & Outdoor Recreation	3,594	7,522	3,606	7,827	4.0%	0.2
3	Embassy Suites & Regal Cinemas on Vessey St	Hotel	3,468	6,977	3,468	6,977	0.0%	0.0
4	World Financial Center/Dow Jones, on West St	Bikeway	4,773	11,545	4,779	11,698	1.3%	0.1
5	Gateway Plaza (coner of Liberty St & South End Av)	Residential	833	2,624	833	2,624	0.0%	0.0
6	SW corner of Albany St & West Street (parking lot)	Residential	4,863	10,504	4,863	10,504	0.0%	0.0
7	Cedar St & Washington St (Fence on Cedar St)	Residential	-	-	-	-	-	-
8	Marriott Hotel-85 West Street, side of Albany Street	Residential	-	-	-	-	-	-
9	4 Albany St	Residential	-	-	-	-	-	-
10	120 Cedar St (on Greenwich St)	Institutional	167	389	167	389	0.0%	0.0
11	114 Liberty St	Residential	258	925	262	1,027	11.0%	0.5
12	95 Trinity Building	Institutional	959	6,751	959	6,751	0.0%	0.0
13	SE corner of Liberty St & Trinity Pl (at Park corner)	Public Open Space	1,216	8,634	1,220	8,736	1.2%	0.1
14	Hilton Millennium Hotel-Dey Street	Hotel	1,238	7,845	1,243	7,972	1.6%	0.1
15	St. Peter's Church on Church St	Public Facilities & Institutions	1,639	11,504	1,646	11,681	1.5%	0.1
16	100 Church Street-Barclay St Entrance	Commercial & Office	363	889	363	889	0.0%	0.0
17	Barclay St & Washington Street Intersection	Commercial & Office	126	446	132	599	34.1%	1.3
18	Park Pl & Greenwich St (corner of BMCC)	Commercial & Office	-	-	0	-	-	-
19	NE corner of Park Pl & West Broadway	Residential	495	1,084	495	1,084	0.0%	0.0
20	Tower 270-Broadway & Chambers	Residential	1,289	5,963	1,290	5,988	0.4%	0.0
21	NW corner of Broadway & Fulton St	Church	836	3,424	837	3,449	0.7%	0.0
22	180 Broadway	Residential	686	2,978	687	3,003	0.9%	0.0
23	WTC pit	Under Construction	4,773	11,545	4,779	11,698	1.3%	0.1
24	WTC pit	Under Construction	4,773	11,545	4,779	11,698	1.3%	0.1

TABLE 2
Traffic Volume, PCEs, Noise Level Differences
Build 2009 vs. Pre 9/11, No-Build 2009

Site ID	Site Name & Address	Land Use	2009 Pre 911, No-Build Traffic	2009 Pre 911, No-Build PCE	2009 Build Traffic	2009 Build PCE	Percent Increase	dBA Increase
1	PS 89 Playground on West St	Public Facilities & Institutions	5,184	10,446	4,987	10,610	1.6%	0.1
2	NW Corner of Murray St & West St	Open Space & Outdoor Recreation	5,632	11,348	3,606	7,827	-31.0%	-1.6
3	Embassy Suites & Regal Cinemas on Vessey St	Hotel	5,360	10,800	3,468	6,977	-35.4%	-1.9
4	World Financial Center/Dow Jones, on West St	Bikeway	5,599	13,382	4,779	11,698	-12.6%	-0.6
5	Gateway Plaza (coner of Liberty St & South End Av)	Residential	977	3,078	833	2,624	-14.7%	-0.7
6	SW corner of Albany St & West Street (parking lot)	Residential	5,121	10,293	4,863	10,504	2.0%	0.1
7	Cedar St & Washington St (Fence on Cedar St)	Residential	-	-	-	-	-	-
8	Marriott Hotel-85 West Street, side of Albany Street	Residential	123	-	-	-	-	-
9	4 Albany St	Residential	123	-	-	-	-	-
10	120 Cedar St (on Greenwich St)	Institutional	276	643	167	389	-39.5%	-2.2
11	114 Liberty St	Residential	370	1,166	262	1,027	-11.9%	-0.6
12	95 Trinity Building	Institutional	1,306	9,194	959	6,751	-26.6%	-1.3
13	SE corner of Liberty St & Trinity Pl (at Park corner)	Public Open Space	1,676	11,799	1,220	8,736	-26.0%	-1.3
14	Hilton Millennium Hotel-Dey Street	Hotel	1,723	10,786	1,243	7,972	-26.1%	-1.3
15	St. Peter's Church on Church St	Public Facilities & Institutions	1,859	12,901	1,646	11,681	-9.5%	-0.4
16	100 Church Street-Barclay St Entrance	Commercial & Office	390	956	363	889	-6.9%	-0.3
17	Barclay St & Washington Street Intersection	Commercial & Office	232	568	132	599	5.3%	0.2
18	Park Pl & Greenwich St (corner of BMCC)	Commercial & Office	47	106	0	-	-	-
19	NE corner of Park Pl & West Broadway	Residential	612	1,340	495	1,084	-19.1%	-0.9
20	Tower 270-Broadway & Chambers	Residential	1,788	8,243	1,290	5,988	-27.3%	-1.4
21	NW corner of Broadway & Fulton St	Church	1,225	4,986	837	3,449	-30.8%	-1.6
22	180 Broadway	Residential	1,062	4,577	687	3,003	-34.4%	-1.8
23	WTC pit	Under Construction	5,599	13,382	4,779	11,698	-12.6%	-0.6
24	WTC pit	Under Construction	5,599	13,382	4,779	11,698	-12.6%	-0.6

TABLE 3
Traffic Volume, PCEs, Noise Level Differences
Build 2009 (With Tunnel) vs. No-Build 2009 (With Tunnel)

Site ID	Site Name & Address	Land Use	2009 No-Build Traffic	2009 No-Build PCE	2009 Build Traffic	2009 Build PCE	Percent Increase	dBA Increase
1	PS 89 Playground on West St	Public Facilities & Institutions	5,015	10,386	5,027	10,690	2.9%	0.1
2	NW Corner of Murray St & West St	Open Space & Outdoor Recreation	2,611	5,542	2,623	5,846	5.5%	0.2
3	Embassy Suites & Regal Cinemas on Vessey St	Hotel	2,485	4,991	2,485	4,991	0.0%	0.0
4	World Financial Center/Dow Jones, on West St	Bikeway	1,090	2,743	1,096	2,895	5.6%	0.2
5	Gateway Plaza (coner of Liberty St & South End Av)	Residential	833	2,624	833	2,624	0.0%	0.0
6	SW corner of Albany St & West Street (parking lot)	Residential	4,903	10,590	4,903	10,590	0.0%	0.0
7	Cedar St & Washington St (Fence on Cedar St)	Residential	-	-	-	-	-	-
8	Marriott Hotel-85 West Street, side of Albany Street	Residential	-	-	-	-	-	-
9	4 Albany St	Residential	-	-	-	-	-	-
10	120 Cedar St (on Greenwich St)	Institutional	167	389	167	389	0.0%	0.0
11	114 Liberty St	Residential	253	925	262	1,027	11.0%	0.5
12	95 Trinity Building	Institutional	949	6,681	949	6,681	0.0%	0.0
13	SE corner of Liberty St & Trinity Pl (at Park corner)	Public Open Space	1,206	8,564	1,210	8,665	1.2%	0.1
14	Hilton Millennium Hotel-Dey Street	Hotel	1,228	7,783	1,233	7,910	1.6%	0.1
15	St. Peter's Church on Church St	Public Facilities & Institutions	1,629	11,434	1,636	11,612	1.6%	0.1
16	100 Church Street-Barclay St Entrance	Commercial & Office	363	889	363	889	0.0%	0.0
17	Barclay St & Washington Street Intersection	Commercial & Office	126	446	132	599	34.1%	1.3
18	Park Pl & Greenwich St (corner of BMCC)	Commercial & Office	-	-	-	-	-	-
19	NE corner of Park Pl & West Broadway	Residential	495	1,084	495	1,084	0.0%	0.0
20	Tower 270-Broadway & Chambers	Residential	1,259	5,825	1,260	5,850	0.4%	0.0
21	NW corner of Broadway & Fulton St	Church	806	3,302	807	3,327	0.8%	0.0
22	180 Broadway	Residential	656	2,848	657	2,874	0.9%	0.0
23	WTC pit	Under Construction	1,090	2,743	1,096	2,895	5.6%	0.2
24	WTC pit	Under Construction	1,090	2,743	1,096	2,895	5.6%	0.2

TABLE 4
Traffic Volume, PCEs, Noise Level Differences
Build 2009 (With Tunnel) vs. Pre 9/11, No-Build 2009

Site ID	Site Name & Address	Land Use	2009 Pre 911, No-Build Traffic	2009 Pre 911, No-Build PCE	2009 Build Traffic	2009 Build PCE	Percent Increase	dBA Increase
1	PS 89 Playground on West St	Public Facilities & Institutions	5,184	10,446	5,027	10,690	2.3%	0.1
2	NW Corner of Murray St & West St	Open Space & Outdoor Recreation	5,703	11,492	2,623	5,846	-49.1%	-2.9
3	Embassy Suites & Regal Cinemas on Vessey St	Hotel	5,360	10,800	2,485	4,991	-53.8%	-3.4
4	World Financial Center/Dow Jones, on West St	Bikeway	5,599	13,382	1,096	2,895	-78.4%	-6.6
5	Gateway Plaza (coner of Liberty St & South End Av)	Residential	977	3,078	833	2,624	-14.7%	-0.7
6	SW corner of Albany St & West Street (parking lot)	Residential	5,121	10,293	4,903	10,590	2.9%	0.1
7	Cedar St & Washington St (Fence on Cedar St)	Residential	0	-	-	-	-	-
8	Marriott Hotel-85 West Street, side of Albany Street	Residential	123	-	-	-	-	-
9	4 Albany St	Residential	123	-	-	-	-	-
10	120 Cedar St (on Greenwich St)	Institutional	276	643	167	389	-39.5%	-2.2
11	114 Liberty St	Residential	370	1,166	262	1,027	-11.9%	-0.6
12	95 Trinity Building	Institutional	1,306	9,194	949	6,681	-27.3%	-1.4
13	SE corner of Liberty St & Trinity Pl (at Park corner)	Public Open Space	1,677	11,806	1,210	8,665	-26.6%	-1.3
14	Hilton Millennium Hotel-Dey Street	Hotel	1,995	12,489	1,233	7,910	-36.7%	-2.0
15	St. Peter's Church on Church St	Public Facilities & Institutions	1,859	12,901	1,636	11,612	-10.0%	-0.5
16	100 Church Street-Barclay St Entrance	Commercial & Office	390	956	363	889	-6.9%	-0.3
17	Barclay St & Washington Street Intersection	Commercial & Office	232	568	132	599	5.3%	0.2
18	Park Pl & Greenwich St (corner of BMCC)	Commercial & Office	47	106	-	-	-	-
19	NE corner of Park Pl & West Broadway	Residential	526	3,451	495	1,084	-68.6%	-5.0
20	Tower 270-Broadway & Chambers	Residential	1,723	7,943	1,260	5,850	-26.3%	-1.3
21	NW corner of Broadway & Fulton St	Church	1,225	4,986	807	3,327	-33.3%	-1.8
22	180 Broadway	Residential	1,062	4,577	657	2,874	-37.2%	-2.0
23	WTC pit	Under Construction	5,599	13,382	1,096	2,895	-78.4%	-6.6
24	WTC pit	Under Construction	5,599	13,382	1,096	2,895	-78.4%	-6.6

**APPENDIX H
NOISE
ANALYSIS YEAR 2015
MOBILE SOURCES
AT-GRADE & WITH TUNNEL**

TABLE 1
Traffic Volume, PCEs, Noise Level Differences
Build 2015 vs. No-Build 2015

Site ID	Site Name & Address	Land Use	2015 No-Build Traffic	2015 No-Build PCE	2015 Build Traffic	2015 Build PCE	Percent Increase	dBA Increase
1	PS 89 Playground on West St	Public Facilities & Institutions	5,834	11,756	6,811	13,724	16.7%	0.7
2	NW Corner of Murray St & West St	Open Space & Outdoor Recreation	4,274	8,612	6,800	13,702	59.1%	2.0
3	Embassy Suites & Regal Cinemas on Vesey St	Hotel	4,147	8,356	6,533	13,164	57.5%	2.0
4	World Financial Center/Dow Jones, on West St	Bikeway	5,419	12,951	5,990	14,316	10.5%	0.4
5	Gateway Plaza (corner of Liberty St & South End Av)	Residential	1,171	3,689	1,171	3,689	0.0%	0.0
6	SW corner of Albany St & West Street (parking lot)	Residential	4,747	10,254	5,188	11,206	9.3%	0.4
7	Cedar St & Washington St (Fence on Cedar St)	Residential	-	-	-	-	-	-
8	Marriott Hotel-85 West Street, side of Albany Street	Hotel	103	-	294	-	-	-
9	4 Albany St	Residential	-	-	294	-	-	-
10	120 Cedar St (on Greenwich St)	Institutional	358	834	308	718	-14.0%	-0.7
11	114 Liberty St	Residential	418	1,317	686	2,161	64.1%	2.2
12	95 Trinity Building	Institutional	1,057	7,441	1,094	7,702	3.5%	0.1
13	SE corner of Liberty St & Trinity Pl (at Park corner)	Public Open Space	1,475	10,384	1,780	12,531	20.7%	0.8
14	Hilton Millennium Hotel-Dey Street	Hotel	1,528	9,565	1,817	11,374	18.9%	0.8
15	St. Peter's Church on Church St	Public Facilities & Institutions	1,777	12,332	1,887	13,096	6.2%	0.3
16	100 Church Street-Barclay St Entrance	Commercial & Office	367	899	349	855	-4.9%	-0.2
17	Barclay St & Washington Street Intersection	Commercial & Office	127	311	267	654	110.2%	3.2
18	Park Pl & Greenwich St (corner of BMCC)	Commercial & Office	-	-	189	427	-	-
19	NE corner of Park Pl & West Broadway	Residential	508	1,113	749	1,640	47.4%	1.7
20	Tower 270-Broadway & Chambers	Residential	1,965	9,059	2,072	9,552	5.4%	0.2
21	NW corner of Broadway & Fulton St	Church	1,027	4,180	1,010	4,111	-1.7%	-0.1
22	180 Broadway	Residential	932	4,017	775	3,340	-16.8%	-0.8
23	WTC Bathtub	Under Construction	5,419	12,951	5,990	14,316	10.5%	0.4
24	WTC Bathtub	Under Construction	5,419	12,951	5,990	14,316	10.5%	0.4

TABLE 2
Traffic Volume, PCEs, Noise Level Differences
Build 2015 vs. Pre 911, No-Build 2015

Site ID	Site Name & Address	Land Use	2015 Pre 911, No-Build Traffic	2015 No-Build PCE	2015 Build Traffic	2015 Build PCE	Percent Increase	dBA Increase
1	PS 89 Playground on West St	Public Facilities & Institutions	5,780	11,647	6,811	13,724	17.8%	0.7
2	NW Corner of Murray St & West St	Open Space & Outdoor Recreation	6,234	12,562	6,800	13,702	9.1%	0.4
3	Embassy Suites & Regal Cinemas on Vesey St	Hotel	5,997	12,084	6,533	13,164	8.9%	0.4
4	World Financial Center/Dow Jones, on West St	Bikeway	6,090	14,555	5,990	14,316	-1.6%	-0.1
5	Gateway Plaza (corner of Liberty St & South End Av)	Residential	1,317	4,149	1,171	3,689	-11.1%	-0.5
6	SW corner of Albany St & West Street (parking lot)	Residential	5,314	10,681	5,188	11,206	4.9%	0.2
7	Cedar St & Washington St (Fence on Cedar St)	Residential	-	-	-	-	-	-
8	Marriott Hotel-85 West Street, side of Albany Street	Hotel	125	-	294	-	-	-
9	4 Albany St	Residential	125	-	294	-	-	-
10	120 Cedar St (on Greenwich St)	Institutional	306	713	308	718	0.7%	0.0
11	114 Liberty St	Residential	502	1,581	686	2,161	36.7%	1.4
12	95 Trinity Building	Institutional	1,367	9,624	1,094	7,702	-20.0%	-1.0
13	SE corner of Liberty St & Trinity Pl (at Park corner)	Public Open Space	1,869	13,158	1,780	12,531	-4.8%	-0.2
14	Hilton Millennium Hotel-Dey Street	Hotel	1,945	12,176	1,817	11,374	-6.6%	-0.3
15	St. Peter's Church on Church St	Public Facilities & Institutions	1,962	13,616	1,887	13,096	-3.8%	-0.2
16	100 Church Street-Barclay St Entrance	Commercial & Office	400	980	349	855	-12.8%	-0.6
17	Barclay St & Washington Street Intersection	Commercial & Office	237	581	267	654	12.7%	0.5
18	Park Pl & Greenwich St (corner of BMCC)	Commercial & Office	48	108	189	427	-	-
19	NE corner of Park Pl & West Broadway	Residential	640	1,402	749	1,640	17.0%	0.7
20	Tower 270-Broadway & Chambers	Residential	1,927	8,883	2,072	9,552	7.5%	0.3
21	NW corner of Broadway & Fulton St	Church	1,355	5,515	1,010	4,111	-25.5%	-1.3
22	180 Broadway	Residential	1,177	5,073	775	3,340	-34.2%	-1.8
23	WTC Bathtub	Under Construction	6,090	14,555	5,990	14,316	-1.6%	-0.1
24	WTC Bathtub	Under Construction	6,090	14,555	5,990	14,316	-1.6%	-0.1

TABLE 3
Traffic Volume, PCEs, Noise Level Differences
Build 2015 (With Tunnel) vs. No-Build 2015 (With Tunnel)

Site ID	Site Name & Address	Land Use	2015 No-Build Traffic	2015 No-Build PCE	2015 Build Traffic	2015 Build PCE	Percent Increase	dBA Increase
1	PS 89 Playground on West St	Public Facilities & Institutions	5,874	11,836	6,851	13,805	16.6%	0.7
2	NW Corner of Murray St & West St	Open Space & Outdoor Recreation	3,260	6,569	3,985	8,030	22.2%	0.9
3	Embassy Suites & Regal Cinemas on Vesey St	Hotel	3,133	9,242	3,821	11,272	22.0%	0.9
4	World Financial Center/Dow Jones, on West St	Bikeway	1,511	3,611	1,853	4,429	22.6%	0.9
5	Gateway Plaza (corner of Liberty St & South End Av)	Residential	1,171	3,689	1,171	3,689	0.0%	0.0
6	SW corner of Albany St & West Street (parking lot)	Residential	5,112	11,042	5,514	11,910	7.9%	0.3
7	Cedar St & Washington St (Fence on Cedar St)	Residential	-	-	-	-	-	-
8	Marriott Hotel-85 West Street, side of Albany Street	Hotel	103	74	294	-	-	-
9	4 Albany St	Residential	-	-	294	-	-	-
10	120 Cedar St (on Greenwich St)	Institutional	358	834	308	718	-14.0%	-0.7
11	114 Liberty St	Residential	418	1,317	686	2,161	64.1%	2.2
12	95 Trinity Building	Institutional	1,047	7,371	1,094	7,702	4.5%	0.2
13	SE corner of Liberty St & Trinity Pl (at Park corner)	Public Open Space	1,465	10,314	1,780	12,531	21.5%	0.8
14	Hilton Millennium Hotel-Dey Street	Hotel	1,518	9,503	1,817	11,374	19.7%	0.8
15	St. Peter's Church on Church St	Public Facilities & Institutions	1,767	12,263	1,887	13,096	6.8%	0.3
16	100 Church Street-Barclay St Entrance	Commercial & Office	367	899	349	855	-4.9%	-0.2
17	Barclay St & Washington Street Intersection	Commercial & Office	127	311	134	328	5.5%	0.2
18	Park Pl & Greenwich St (corner of BMCC)	Commercial & Office	-	-	-	-	-	-
19	NE corner of Park Pl & West Broadway	Residential	508	1,113	749	1,640	47.4%	1.7
20	Tower 270-Broadway & Chambers	Residential	1,839	8,478	1,958	9,026	6.5%	0.3
21	NW corner of Broadway & Fulton St	Church	997	4,058	1,010	4,111	1.3%	0.1
22	180 Broadway	Residential	902	3,888	807	3,478	-10.5%	-0.5
23	WTC Bathtub	Under Construction	1,511	3,611	1,853	4,429	22.6%	0.9
24	WTC Bathtub	Under Construction	1,511	3,611	1,853	4,429	22.6%	0.9

TABLE 4
Traffic Volume, PCEs, Noise Level Differences
Build 2015 (With Tunnel) vs. Pre 911, No-Build 2015

Site ID	Site Name & Address	Land Use	2015 Pre 911, No-Build Traffic	2015 No-Build PCE	2015 Build Traffic	2015 Build PCE	Percent Increase	dBa Increase
1	PS 89 Playground on West St	Public Facilities & Institutions	5,780	11,647	6,851	13,805	18.5%	0.7
2	NW Corner of Murray St & West St	Open Space & Outdoor Recreation	6,306	12,707	3,985	8,030	-36.8%	-2.0
3	Embassy Suites & Regal Cinemas on Vesey St	Hotel	5,997	12,084	3,821	11,272	-6.7%	-0.3
4	World Financial Center/Dow Jones, on West St	Bikeway	6,090	14,555	1,853	4,429	-69.6%	-5.2
5	Gateway Plaza (corner of Liberty St & South End Av)	Residential	1,317	4,149	1,171	3,689	-11.1%	-0.5
6	SW corner of Albany St & West Street (parking lot)	Residential	5,314	10,681	5,514	11,910	11.5%	0.5
7	Cedar St & Washington St (Fence on Cedar St)	Residential	0	-	-	-	-	-
8	Marriott Hotel-85 West Street, side of Albany Street	Hotel	125	-	294	-	-	-
9	4 Albany St	Residential	125	-	294	-	-	-
10	120 Cedar St (on Greenwich St)	Institutional	306	713	308	718	0.7%	0.0
11	114 Liberty St	Residential	502	1,581	686	2,161	36.7%	1.4
12	95 Trinity Building	Institutional	1,367	9,624	1,094	7,702	-20.0%	-1.0
13	SE corner of Liberty St & Trinity Pl (at Park corner)	Public Open Space	1,869	13,158	1,780	12,531	-4.8%	-0.2
14	Hilton Millennium Hotel-Dey Street	Hotel	1,945	12,176	1,817	11,374	-6.6%	-0.3
15	St. Peter's Church on Church St	Public Facilities & Institutions	1,962	13,616	1,887	13,096	-3.8%	-0.2
16	100 Church Street-Barclay St Entrance	Commercial & Office	400	980	349	855	-12.8%	-0.6
17	Barclay St & Washington Street Intersection	Commercial & Office	237	581	134	328	-43.5%	-2.5
18	Park Pl & Greenwich St (corner of BMCC)	Commercial & Office	48	108	-	-	-	-
19	NE corner of Park Pl & West Broadway	Residential	640	4,198	749	1,640	-60.9%	-4.1
20	Tower 270-Broadway & Chambers	Residential	1,832	8,446	1,958	9,026	6.9%	0.3
21	NW corner of Broadway & Fulton St	Church	1,355	5,515	1,010	4,111	-25.5%	-1.3
22	180 Broadway	Residential	1,177	5,073	807	3,478	-31.4%	-1.6
23	WTC Bathub	Under Construction	6,090	14,555	1,853	4,429	-69.6%	-5.2
24	WTC Bathub	Under Construction	6,090	14,555	1,853	4,429	-69.6%	-5.2