

**Table 4-2  
Route U.S. 1/Penns Neck Area Improvements  
Summary of Noise Measurement Study Results**

Location		Peak Traffic Hour Leq		Peak Hourly Noise Levels (Leq)	Primary Noise Sources	Secondary Noise Sources
		(dBA)	Sample Hour Beginning Time			
1	Princeton University Athletic Fields (BI 3, Lt 3)	52	1700 (5:00 PM)	52	Route 571 traffic	Recreational activities; Route 1 traffic
2a	Princeton Operating Station Building (BI 2, Lt 3)	73	1000 (10:00 AM)	74 (a)	Route 1 traffic	School activities
2b	Princeton Operating Station Building (BI 2, Lt 2)	---	---	55 (a)	Route 1 traffic	School activities
3	Princeton (Penns Neck) Baptist Church (BI 40, Lt 4)	74	1000 (10:00 AM)	72 (a)	Route 1 traffic	Route 571 traffic
4	Princeton Baptist Church (BI 40, Lt 4)	63	1000 (10:00 AM)	65 (a)	Route 1 traffic	Route 571 traffic; church activities
5	237 Fisher Place (BI 41, Lt 9)	52	1700 (5:00 PM)	53 (a)	Route 1 and Fisher Place traffic	Neighborhood activities
6	156 Fisher Place (BI 46, Lt 34)	52	1700 (5:00 PM)	52	Neighborhood activities	Route 1 and 571 traffic

(a) Leq is for a period other than the peak traffic hour.  
Source: *Noise Technical Environmental Study* (Harris, 1996d).