



# I-95/SCUDDER FALLS BRIDGE IMPROVEMENT PROJECT

## NOISE LEVELS - EXISTING & PREDICTED

Noise Study Area (NSA)	Site I.D.	Address	Modeled Hourly $L_{eq}$ Noise Levels in dBA					
			Maximum of AM and PM Values <sup>1</sup>					
			Existing <sup>2</sup>	Future No-Build <sup>2</sup>		Future Build <sup>3</sup>		
Noise Level	Increase Over Existing <sup>4</sup>	Noise Level		Increase Over Existing <sup>4</sup>	Increase Over No-Build <sup>4</sup>			
New Jersey	11	R11-1	58	58	0	62	4	4
		R11-2	60	62	2	63	3	1
		R11-3	59	61	2	63	4	2
		R11-4	61	62	1	66	5	4
		R11-5	60	61	1	64	4	3
		R11-6	71	72	1	76	5	4
	12	R12-1	72	72	0	74	2	2
		R12-2	61	62	1	63	2	1
		R12-3	68	69	1	70	2	1
		R12-5	62	63	1	64	2	1
		R12-6	65	66	1	67	2	1
		R12-7	65	66	1	68	3	2
		R12-8	71	71	0	73	2	2
		R12-9	71	72	1	73	2	1
	R12-10	58	59	1	62	4	3	
	13	R13-1	63	63	0	65	2	2
		R13-2	76	77	1	80	4	3
		R13-3	68	69	1	70	2	1
		R13-4	72	72	0	75	3	3
R13-5		67	68	1	68	1	0	

### NOTES:

dBA = Decibels on the A-weighted scale

$L_{eq}$  = Equivalent noise level

1. Values represent the highest of the modeled values from AM and PM peak hour traffic periods assuming free flow traffic speeds.

All noise levels are calculated to the tenth of a dBA and rounded for presentation purposes to the nearest whole number.

2. Modeled noise levels assuming no modification of project area roadways

3. Modeled noise levels based on proposed modification of project area roadways

4. All "Increase Over Existing" and "Increase Over No-Build" numbers represent the difference between the rounded whole numbers

 Shaded values indicate Build noise levels equal to or exceeding Land Use Category B (residential) Noise Abatement Criteria levels