

Table 7-1 Locations Recommended for Further Consideration for Noise Barriers During the Final Design Phase of the Project (Alternative 2A)

Noise Barrier Number (Area ID Number)	General Location	Community Name (Area ID Number)	Type of Noise Sensitive Site	Optimal Conceptual Barrier Design Number	Barrier Type	Height (feet)	Length (feet)	Begin Station Number	End Station Number	Number of Affected Receivers	Average Noise Reduction for Affected Receivers (dBA)	Number of Affected/Benefited Receivers	Number of Benefited Receivers/Not Affected	Total Number of Benefited Receivers	Average Noise Reduction for all Benefited Receivers (dBA)	Cost	Average Cost/Site Benefited	Optimal Barrier Design Meets FDOT's Reasonable Noise Abatement Cost Criteria of \$35,000 per Benefited Receiver Site	Noise Barrier Recommended for Further Consideration and Community Input	Estimated Cost of Noise Barriers	Total Number of Benefited Receivers	Average Cost per Site Benefited
B-1 (A-1)	Between SW 136 th Avenue and Flamingo Road - North of I-595	Sunshine City (A-1)	Residential (Mobile Home Park)	CD13	Shoulder Mounted on MSE Wall (I-595)	8	240	153+20	155+60	61	8.8	54	25	79	8.5	\$1,782,780	\$22,567	Yes	Yes	\$1,782,780	79	\$22,567
					Shoulder Mounted on Bridge (I-595)	8	340	155+60	159+00													
					Shoulder Mounted on MSE Wall (I-595)	8	1,120	159+00	170+00													
					Shoulder Mounted (I-595)	8	800	170+00	178+00													
					Ground Mounted	22	1,690	157+15	165+50													
							166+25	174+80														
B-2 (A-7, A-8)	Between SW 136 th Avenue and Flamingo Road - South of I-595	Paradise Village (A-7)	Residential (Mobile Home Park)	CD4	Ground Mounted	22	1,540	190+00	194+00	71	5.1	43	0	43	7.4	\$847,000	\$19,698	Yes	Yes	\$847,000	43	\$19,698
		Kings Manor Estates (A-8)	Residential (Mobile Home Park)					194+60	206+00													
B-3 (A-9, A-10)	Between Flamingo Road and Hiatus Road - North of I-595	Plantation Acres (A-9)	Residential (Single Family)	CD10	Ground Mounted	22	4,740	217+60	265+00	39	7.6	30	1	31	8.6	\$2,607,000	\$84,097	No	Yes	\$2,607,000	31	\$84,097
		Acres South Park (A-10)	Park (Passive Recreation)																			
B-4 (A-13)	Between Hiatus Road and Nob Hill Road - North of I-595	Hawks Landing (A-13)	Residential (Single Family)	CD6	Ground Mounted	22	4,900	269+00	318+00	42	5.7	36	19	55	7.2	\$2,695,000	\$49,000	No	Yes	\$2,695,000	55	\$49,000
B-5 (A-17, A-18, A-19)	Between Nob Hill Road and Pine Island Road - North of I-595	The Trellises Condos (A-17)	Multi-Family Residential (Two Story Townhomes)	CD4	Ground Mounted	22	5,000	322+00	372+00	65	6.2	57	7	64	7.0	\$2,750,000	\$42,969	No	Yes	\$2,750,000	64	\$42,969
		Davide Isles (A-18)	Single Family Residential																			
		Jacaranda Villas (A-19)	Multi-Family Residential (Multi-Story Condominium Buildings)																			
B-6 (A-21)	Between Nob Hill Road and Pine Island Road - South of I-595	Evergreen Place (A-21)	Multi-Family Residential (Multi-Story Condominium Buildings)	CD6	Ground Mounted	22	1,100	340+00	351+00	41	4.3	19	0	19	5.6	\$605,000	\$31,842	Yes	Yes	\$605,000	19	\$31,842
B-7 (A-24, A-25)	Between Pine Island Road and University Drive - South of I-595	Arrowhead Golf and Tennis Club (A-24)	Multi-Family Residential (Multi-Story Apartment Buildings)	CD3	Ground Mounted	22	330	410+20	413+50	21	7.9	21	2	23	7.8	\$511,500	\$22,239	Yes	Yes	\$511,500	23	\$22,239
		Valencia Village (A-25)	Multi-Family Residential (Multi-Story Apartment Buildings)																			
B-8 (A-26)	Between University Drive and Florida's Turnpike - North of I-595	Lake View Estates (A-26)	Residential (Single Family)	CD4	Ground Mounted	20	5,400	431+00	485+00	54	8.8	52	33	85	8.0	\$2,700,000	\$31,765	Yes	Yes	\$2,700,000	85	\$31,765
B-9 (A-27)	Between University Drive and Florida's Turnpike - North of I-595	Isla del Sol (A-27)	Residential (Single Family)	CD1	Ground Mounted	14	1,100	486+00	497+00	12	4.2	6	1	7	7.4	\$385,000	\$55,000	No	Yes	\$385,000	7	\$55,000
B-10 (A-36)	Between SR 7 and I-95 - North of I-595	Archstone Apartments (A-36)	Multi-Family Residential (Multi-Story Apartment Buildings)	CD4	Shoulder Mounted on MSE Wall	8	400	624+00	628+00	28	3.2	10	33	43	6.9	\$1,756,000	\$40,837	No	Yes	\$1,756,000	43	\$40,837
					Ground Mounted	22	2,960	595+40	626+80													
B-11 (A-40)	Between Griffin Road and I-595 - West of Florida's Turnpike	Everglades Lakes (A-40)	Residential (Mobile Home Park)	CD10	Shoulder Mounted	8	1,090	4761+00	4772+00	31	9.5	31	12	43	8.6	\$1,352,160	\$31,446	Yes	Yes	\$1,352,160	43	\$31,446
					Ground Mounted	20	1,780	4752+00	4769+00													
B-12 (A-42)	Between I-595 and Peters Road - West of Florida's Turnpike	Plantation Harbor (A-42)	Residential (Single Family)	CD3	Shoulder Mounted	12	2,625	4815+00	4841+25	23	9.2	23	6	29	8.8	\$1,480,500	\$51,052	No	Yes	\$1,480,500	29	\$51,052

I:\I-595PD&E\Study\Noise Study Report Draft\NSR_PostPublicHearing\Table7-1_NoiseBarrier_Summary_Table021206.xls\Table7.1

- Conceptual noise barrier design that meets FDOT's reasonable cost criteria and recommended for further consideration during the Final Design phase of the project
- Conceptual noise barrier design that does not meet FDOT's reasonable cost criteria but considered a priority location for cost averaging during the Final Design phase of the project