

APPENDIX D

NOISE BARRIER TABLE (1 page)

I-75 Express Design Build (DB) Segments A & B - Sound Barrier Walls Revisions (Draft January 22, 2015)

Location Number	Adjacent Community	Common Noise Environment	RFP Recommended Sound Barrier Walls					DB Proposed Sound Barrier Walls (Early Works January 2015)						Proposed Modifications to DB's Proposed Sound Barrier Walls						
			Type	Height (Feet)	Begin Station	End Station	Length (Feet)	Type	Height (Feet)	Begin Station	End Station	Length (Feet)	Consistent with RFP Requirements	Comments	Type	Height (Feet)	Begin Station	End Station	Length (Feet)	Comments
1	Courtyards at Nautica, Villas at Nautica, & Windsor at Miramar	E4	Ground Mounted	20	352+00 (I-75)	367+00 (I-75)	1,500	Ground Mounted	20	352+00	367+00	1,500	Yes	---	---	---	---	---	---	---
2	Huntington	E1	Shoulder Mounted	8	308+00 (I-75)	318+00 (I-75)	1,000	Shoulder Mounted	8	309+01.21	318+03.70	903	No (see Comments)	Begin Station needs to be shifted back to Station 308+00 to match RFP requirements	Shoulder Mounted	8	308+00	321+50	1,350	Proposed 350' extension of Sound Wall 2 to provide overlap with the top wall elevation of the existing ground mounted noise barrier
3	Royal Landings, West Lakes Estates, and Century Gardens	I-75 E5	Ground Mounted	20	206+00 (I-75)	410+00 (Ramp MGDC1)	4,420	Ground Mounted	21	206+55	410+88.60	4,280	No (see Comments)	Limits were modified; Begin Station shifted 55' north to avoid NW 170th Street fill slope	---	---	---	---	---	---
4	Lakes on the Green	I-75 E6	Ground Mounted	20	85+00 (Miami Gardens Drive)	703+00 (Ramp MGDC3)	1,930	Ground Mounted	18	703+00	85+05.19	1,820	Yes	---	---	---	---	---	---	---
5	Lakes on the Green	I-75 E6	Shoulder Mounted	8	702+50 (Ramp MGDC3)	5061+00 (Ramp H-5)	1,850	Shoulder Mounted	8	702+50	5061+00/2585+90.73	1,936	Yes	---	---	---	---	---	---	---
6	Lakes on the Green	I-75 E6	Ground Mounted	20	2584+50 (HEFT)	2603+81 (HEFT)	1,932	Shoulder Mounted	8	5061+00/2585+90.73	2603+05.29	1,715	Yes (see Comments)	Confirm that a 14' tall shoulder mounted sound wall proposed as a replacement and the overlap with Sound Wall 7 is sufficient	---	---	---	---	---	---
7	Lakes on the Green	HEFT-E1	Shoulder Mounted	8	2603+32 (HEFT)	2616+00 (HEFT)	1,269	Ground Mounted	18	2603+00	2616+50 (Connects to Location #8)	1,250	No (see Comments)	Sound wall type modified from 8' shoulder mounted noise barrier on MSE wall to ground mounted noise barrier	---	---	---	---	---	---
8	Marbella Park West	HEFT-E1	Ground Mounted	20	261550 (HEFT)	2632+00 (HEFT)	1,650	Ground Mounted	18	2616+50 (Connects to Location #7)	2632+00	1,650	Yes	---	---	---	---	---	---	---
9	Huntington	HEFT-W1	Ground Mounted	20	2622+00 (HEFT)	2633+60 (HEFT)	1,060 (Actual 1,160)	Ground Mounted	18	2625+24.60	2633+64.32	840	No (see Comments)	Limits were modified; Begin Station shifted 324' to the north (see Location #10)	Ground Mounted	18	2625+24.60	2632+24.32	700	Proposed 140' reduction in length of Sound Wall 9 which no longer needs to be as long due to the DB's proposed limit change to Sound Wall 10
10	Huntington	HEFT-W1	Shoulder Mounted	14	2609+50 (HEFT/Ramp H-8)	2623+50 (HEFT/Ramp H-8)	1,365	Shoulder Mounted	14	2609+59.31	2625+76.05	1,620	No (see Comments)	Limits were modified; End Station shifted 255' to the north (see Location #9); Confirm that a 14' tall shoulder mounted sound wall proposed and the overlap with Sound Wall 9 is sufficient	---	---	---	---	---	---
11	Riviera Isles	E2	Shoulder Mounted	8	12062+91 (Ramp H-12)	12082+43 (Ramp H-12)	1,953	Shoulder Mounted	8	12062+91.87	12082+43.74	1,953	Yes	---	Shoulder Mounted	8	12062+91.87	12079+50	1,660	Proposed 293' reduction to Sound Wall 11 to provide less overlap with the top wall elevation of the existing ground mounted noise barrier