

**Appendix 21-13 (R)**  
**Project Consumption Calculations**

**Revised October 2008**

**Project Traffic Assignment (weekday, one-way, PM peak) ( R )**  
**Beacon Countyline DRI**

Roadway	Limits		Direction	Directional # of Lanes	LOS STD	Service Volume	Net New External Project Traffic			
	From	To					Project Traffic	% Consumption One-Way	% Consumption Two-Way	
Red Road / W 4 Avenue / NW 57 Avenue / SR 823	Miramar Parkway	HEFT	NB	3LD	D	2,684	17	0.6%	0.5%	
			SB	3LD		2,684	8	0.3%		
		HEFT	County Line	NB	3LD	D	2,684	4	0.1%	0.1%
				SB	3LD		2,684	2	0.1%	
		County Line	Honey Hill Drive	NB	3LD	D	2,570	3	0.1%	0.1%
				SB	3LD		2,570	1	0.0%	
		Honey Hill Drive	Miami Gardens Drive	NB	3LD	D	2,570	8	0.3%	0.2%
				SB	3LD		2,570	4	0.2%	
		Miami Gardens Drive	SR 826	NB	3LD	SUMA	2,570	6	0.2%	0.2%
				SB	3LD		2,570	3	0.1%	
		SR 826	Miami Lakes Drive	NB	3LD	E	2,570	10	0.4%	0.3%
				SB	3LD		2,570	5	0.2%	
		Miami Lakes Drive	NW 138 Street	NB	3LD	E	2,570	11	0.4%	0.3%
				SB	3LD		2,570	5	0.2%	
		NW 138 Street	Gratigny Parkway	NB	4LD	E	3,430	71	2.1%	1.5%
				SB	4LD		3,430	32	0.9%	
		Gratigny Parkway	W 65 Street/Gratigny Dr	NB	2LD	E	1,800	25	1.4%	2.3%
				SB	2LD		1,800	56	3.1%	
	Flamingo Road / W 12 Avenue / NW 67 Avenue / Ludlam Road	W 65 Street/Gratigny Dr	W 49 Street/NW 103 St	NB	2LD	E	1,800	7	0.4%	0.6%
				SB	2LD		1,800	16	0.9%	
W 49 Street/NW 103 St		W 25 Street/NW 79 St	NB	2LD	E	2,710	6	0.2%	0.4%	
			SB	2LD		2,710	13	0.5%		
Miramar Parkway		County Line	NWB	2LD	D	1,620	17	1.1%	0.8%	
			SEB	2LD		1,620	8	0.5%		
County Line		Miami Gardens Drive	NWB	3LD	D	2,450	19	0.8%	0.6%	
			SEB	3LD		2,450	9	0.4%		
Miami Gardens Drive		NW 170 Street	NWB	3LD	E + 20%	3,096	20	0.6%	0.5%	
			SEB	3LD		3,096	9	0.3%		
NW 170 Street		SR 826	NB	2 LD	E + 20%	3,096	48	1.6%	2.5%	
			SB	2 LD		3,096	107	3.5%		
SR 826		Miami Lakes Drive	NB	2 LD	E + 50%	2,580	2	0.1%	0.1%	
			SB	2 LD		2,580	4	0.2%		
Miami Lakes Drive		Gratigny Parkway	NB	2 LD	E + 50%	2,580	2	0.1%	0.1%	
			SB	2 LD		2,580	4	0.2%		
Gratigny Parkway		W 68 Street	NB	2 LD	E + 20%	2,064	1	0.0%	0.1%	
			SB	2 LD		2,064	2	0.1%		
W 68 Street		W 49 Street/NW 103 St	NB	2 LD	E + 20%	2,064	1	0.0%	0.1%	
			SB	2 LD		2,064	2	0.1%		
W 49 Street/NW 103 St	W 25 Street/NW 79 St	EB	3 LD	E + 20%	2,064	3	0.1%	0.2%		
		SB	3 LD		2,064	7	0.3%			
NW 87 Avenue / West 28 Avenue	I-75	W 68 Street	NB	2 LD	D	1,620	14	0.9%	1.4%	
			SB	2 LD		1,620	30	1.9%		
	W 68 Street	Okeechobee Rd/US 27	NB	2 LD	D	1,620	4	0.2%	0.4%	
			SB	2 LD		1,620	8	0.5%		
I-75	Pines Blvd	Miramar Parkway	NB	4 LD	D	7,480	166	2.2%	1.5%	
			SB	4 LD		7,480	65	0.9%		
	I-75	W 68 Street	NB	2 LD	D	1,620	14	0.9%	1.4%	
			SB	2 LD		1,620	31	1.9%		
Hialeah Gardens Drive/ Hialeah Gardens Boulevard (NW 116 Way/NW 106 St)	W 68 Street	Okeechobee Rd/US 27	NEB	2 LD	D	1,620	7	0.4%	0.7%	
			SWB	2 LD		1,620	17	1.0%		
	Okeechobee Rd/US 27	NW 107 Avenue	NEB	2 LD	D	1,620	23	1.4%	2.3%	
			SWB	2 LD		1,620	52	3.2%		
	NW 107 Avenue	HEFT	EB	3 LD	D	2,450	79	3.2%	2.7%	
			WB	3 LD		2,450	51	2.1%		

**Project Traffic Assignment (weekday, one-way, PM peak) ( R )**  
**Beacon Countyline DRI**

Roadway	Limits		Direction	Directional # of Lanes	LOS STD	Service Volume	Net New External Project Traffic		
	From	To					Project Traffic	% Consumption	One-Way
NW 72 Avenue	Gratigny Frontage Road	NW 122 Street	NB	1L	E	810	5	0.7%	1.1%
		NW 122 Street	SB	1L	E	810	12	1.5%	
	NW 103 Avenue	Okeechobee Road	NB	2LD	E	1,720	9	0.5%	0.8%
			SB	2LD	E	1,720	20	1.2%	
Miramar Parkway	SW 184 Av	SW 172 Avenue	NB	2LD	E	1,720	3	0.2%	0.3%
			SB	2LD	E	1,720	7	0.4%	
	SW 172 Avenue	Dykes Road	EB	2LD	D	1,860	44	2.4%	3.5%
			WB	2 LD	D	1,860	87	4.7%	
	Dykes Road	I-75	EB	2 LD	D	2,790	49	1.8%	2.6%
			WB	3 LD	D	2,790	97	3.5%	
	I-75	Flamingo Road	EB	3 LD	D	2,790	52	1.9%	2.8%
			WB	3 LD	D	2,790	102	3.7%	
	Flamingo Road	Red Road/W 4 Av	EB	3 LD	D	2,790	61	2.2%	1.6%
			WB	3 LD	D	2,790	31	1.1%	
NW 154 Street	I-75	NW 87 Avenue	EB	3 LD	D	1,860	55	3.0%	2.2%
			WB	2 LD	D	1,860	28	1.5%	
	NW 87 Avenue	SR 826	EB	1 L	D	760	0	0.0%	0.0%
			WB	1 L	D	760	0	0.0%	
	SR 826	NW 67 Avenue	EB	2 LD	D	1,620	6	0.4%	0.6%
			WB	2 LD	D	1,620	13	0.8%	
	NW 67 Avenue	NW 57 Avenue (Red Rd)	EB	2 LD	E	1,720	18	1.0%	0.8%
			WB	2 LD	E	1,720	8	0.5%	
Gratigny Expressway	Red Road/W 4 Av	NW 37 Avenue	EB	2 LD	E + 20%	2,064	3	0.1%	0.1%
			WB	2 LD	E + 20%	2,064	2	0.1%	
Gratigny Frontage Road	Hialeah Gardens Drive	NW 87 Av	EB	3 LD	D	5,410	250	4.6%	3.3%
			WB	3 LD	D	5,410	112	2.1%	
	NW 87 Av	W of SR 826	EB	1 L	D	608	13	2.1%	1.6%
			WB	1 L	D	608	6	1.0%	
W 68 Street/NW 122 Street	SR 826	NW 67 Av / 12 Av	EB	1 L	D	608	28	4.6%	3.4%
			WB	1 L	D	608	13	2.1%	
	NW 67 Av / 12 Av	Red Road/W 4 Av	EB	2 LD	E	1,720	30	1.7%	1.3%
			WB	2 LD	E	1,720	13	0.8%	
Hialeah Gardens Drive (W 49 St/NW 103 St)	Okeechobee Road	SR 826	EB	2 LD	E	1,720	3	0.2%	0.1%
			WB	2 LD	E	1,720	1	0.1%	
	SR 826	NW 67 Av / 12 Av	EB	2 L	E	1,720	40	2.3%	1.7%
			WB	2 L	E	1,720	18	1.0%	
	NW 67 Av / 12 Av	Red Road/W 4 Av	EB	3 LD	E + 20%	3,096	48	1.6%	1.1%
			WB	3 LD	E + 20%	3,096	22	0.7%	
	HEFT	NW 107 Avenue	EB	3 LD	E + 20%	3,096	10	0.3%	0.2%
			WB	3 LD	E + 20%	3,096	5	0.2%	
NW 74 Street / W 21 Street	NW 107 Avenue	NW 97 Avenue	EB	NA	D	1,620	12	0.7%	0.5%
			WB	NA	D	1,620	5	0.3%	
	NW 97 Avenue	NW 87 Avenue	EB	NA	D	1,620	7	0.4%	0.3%
			WB	NA	D	1,620	3	0.2%	
	NW 87 Avenue	SR 826	EB	NA	D	1,620	7	0.4%	0.3%
			WB	NA	D	1,620	3	0.2%	
	SR 826	NW 72 Avenue	EB	2LD	D	1,710	10	0.6%	0.4%
			WB	2LD	D	1,710	5	0.3%	
	NW 72 Avenue	Okeechobee Rd/US 27	EB	2LD	E	1,800	6	0.3%	0.3%
			WB	2LD	E	1,800	3	0.2%	
	Okeechobee Rd/US 27	Red Road/W 4 Av	EB	2LD	E	1,800	3	0.2%	
			WB	2LD	E	1,800	1	0.1%	0.0%
			EB	2LD	E	1,800	0	0.0%	0.0%
			WB	2LD	E	1,800	8	0.4%	0.3%
			EB	2LD	E	1,800	8	0.4%	0.3%
			WB	2LD	E	1,800	4	0.2%	

Highlighted Cells Revised October 2008

Source: David Plummer and Associates, Inc.

**Attachment 21-1**  
**Project Volume on Ramps in Study Area**  
**Beacon Countyline DRI**

Expressway	Ramp	Project Traffic	Analyze
HEFT	NW 57 Avenue EB Off-Ramp	13	No
	NW 57 Avenue EB On-Ramp	0	No
	NW 57 Avenue WB Off-Ramp	0	No
	NW 57 Avenue WB On-Ramp	6	No
	I-75 NB On-Ramp	329	Yes
	I-75 SB Off-Ramp	148	No
	NW 170 Street NB Off-Ramp	164	No
	NW 170 Street NB On-Ramp	486	Yes
	NW 170 Street SB Off-Ramp	222	Yes
	NW 170 Street SB On-Ramp	333	Yes
	Okeechobee Rd NB Off-Ramp	0	No
	Okeechobee Rd NB On-Ramp	0	No
	Okeechobee Rd SB Off-Ramp	0	No
	Okeechobee Rd SB On-Ramp	0	No
	NW 106 Street NB Off-Ramp	0	No
	NW 106 Street NB On-Ramp	0	No
	NW 106 Street SB Off-Ramp	0	No
	NW 106 Street SB On-Ramp	0	No
	NW 74 Street NB Off-Ramp	0	No
	NW 74 Street NB On-Ramp	5	No
NW 74 Street SB Off-Ramp	12	No	
NW 74 Street SB On-Ramp	0	No	
I-75	NB Off-Ramp to EB Miramar Parkway	42	No
	NB Off-Ramp to WB Miramar Parkway	70	No
	SB Off-Ramp to EB Miramar Parkway	0	No
	SB Off-Ramp to WB Miramar Parkway	0	No
	Miramar Parkway EB On-Ramp to NB I-75	0	No
	Miramar Parkway WB On-Ramp to NB I-75	0	No
	Miramar Parkway EB On-Ramp to SB I-75	31	No
	Miramar Parkway WB On-Ramp to SB I-75	19	No
	NW 186 Street NB Off-Ramp	4	No
	NW 186 Street NB On-Ramp	0	No
	NW 186 Street SB Off-Ramp	0	No
	NW 186 Street SB On-Ramp	8	No
	NW 138 Street NB On-Ramp	4	No
	NW 138 Street EB On-Ramp	775	Yes
NW 138 Street WB Off-Ramp	348	Yes	
NW 138 Street SB Off-Ramp	8	No	
EB Off-Ramp to NB Palmetto Expressway	125	No	
EB Off-Ramp to SB Palmetto Expressway	275	Yes	
Palmetto Expressway (SR 826)	NW 57 Avenue EB Off-Ramp	16	No
	NW 57 Avenue EB On-Ramp	0	No
	NW 57 Avenue WB Off-Ramp	5	No
	NW 57 Avenue WB On-Ramp	0	No
	NW 67 Avenue EB Off-Ramp	10	No
	NW 67 Avenue EB On-Ramp	75	No
	NW 67 Avenue WB Off-Ramp	34	No
	NW 67 Avenue WB On-Ramp	5	No
	Miami Lakes Drive NB Off-Ramp	33	No
	Miami Lakes Drive NB On-Ramp	0	No
	Miami Lakes Drive SB Off-Ramp	0	No
	Miami Lakes Drive SB On-Ramp	18	No
	NB Off-Ramp to EB Gratin Parkway	0	No
	NB Off-Ramp to WB I-75	123	No
	SB Off-Ramp to WB I-75	57	No
	SB Off-Ramp to EB Gratin Parkway	0	No
	NW 138 Street SB Off-Ramp	2	No
	NW 122 Street NB Off-Ramp	0	No
	NW 122 Street NB On-Ramp	20	No
	NW 122 Street SB Off-Ramp	46	No
	NW 122 Street SB On-Ramp	0	No
	NW 103 Street NB Off-Ramp	3	No
	NW 103 Street NB On-Ramp	20	No
	NW 103 Street SB Off-Ramp	45	No
	NW 103 Street SB On-Ramp	8	No
	Okeechobee Road NB Off-Ramp (East)	0	No
	Okeechobee Road NB Off-Ramp (West)	18	No
	Okeechobee Road NB On-Ramp	8	No
	Okeechobee Road SB Off-Ramp (East)	30	No
	Okeechobee Road SB Off-Ramp (West)	0	No
Okeechobee Road SB On-Ramp	70	No	
South River Drive NB Off-Ramp (East)	0	No	
South River Drive NB Off-Ramp (West)	0	No	
South River Drive NB On-Ramp	4	No	
South River Drive SB Off-Ramp (East)	25	No	
South River Drive SB Off-Ramp (West)	1	No	
South River Drive SB On-Ramp	0	No	
NW 74 Street NB Off-Ramp	0	No	
NW 74 Street NB On-Ramp	5	No	
NW 74 Street SB Off-Ramp	12	No	
NW 74 Street SB On-Ramp	0	No	
Gratin Parkway	WB Off-Ramp to NB Palmetto Expressway	0	No
	WB Off-Ramp to SB Palmetto Expressway	0	No
	NW 57 Avenue EB Off-Ramp	125	No
	NW 57 Avenue EB On-Ramp	0	No
	NW 57 Avenue WB Off-Ramp	0	No
NW 57 Avenue WB On-Ramp	48	No	

Highlighted Cells Revised October 2008