21. TRANSPORTATION

Background

Beacon Countyline DRI is a proposed commercial mixed-use development that is expected to energize a largely underutilized area of the City of Hialeah. The Project seeks to redevelop a former construction and demolition landfill area into warehouse, office, retail and hotel uses. The Property consists of approximately 496 acres located east of the Homestead Extension of the Florida Turnpike (HEFT) and west of I-75 within the City of Hialeah. The Site is bounded on the north by NW 170 Street; on the east by NW 97 Avenue; on the south by NW 154 Street; and, on the west by NW 107 Avenue (see **Exhibit 21-1, Project Location**).

The Project will be developed over a 10 year period, anticipating two years of site preparation and eight years of construction. Buildout is anticipated to occur 10 years after the issuance of a Development Order, or the year 2018. The proposed development program is shown below.

Beacon Countyline DRI Proposed Development Program

Proposed Land Use	Inte	<u>nsity</u>
Warehouse	4,300,000	Square Feet
Retail	350,000	Square Feet
Office	750,000	Square Feet
Hotel	350	Rooms

This section of the Application for Development Approval (ADA) analyzes and discusses existing and future traffic conditions including programmed roadway improvements, background traffic growth, traffic generated by other developments in the area, and Project traffic.

A. Using Map J or a table as a base, indicate existing conditions on the highway network within the study area (as previously defined on Map J), including AADT, peak-hour trips, directional traffic split, levels of service and maximum service volumes for the adopted level of service (LOS). Identify the assumptions used in this analysis, including "K" factor, directional "D" factor, facility type, number of lanes and existing signal locations. (If levels of service are based on some methodology other than the most recent procedures of the Transportation Research Board and FDOT, this should be agreed upon at the pre-application conference stage.) Identify the adopted LOS standards of the FDOT, appropriate regional planning council, and local government for roadways within the identified study area. Identify what improvements or new facilities within this study area are planned, programmed, or committed for improvement. Attach appropriate excerpts from published capital improvements plans, budgets and



Source: David Plummer & Associates

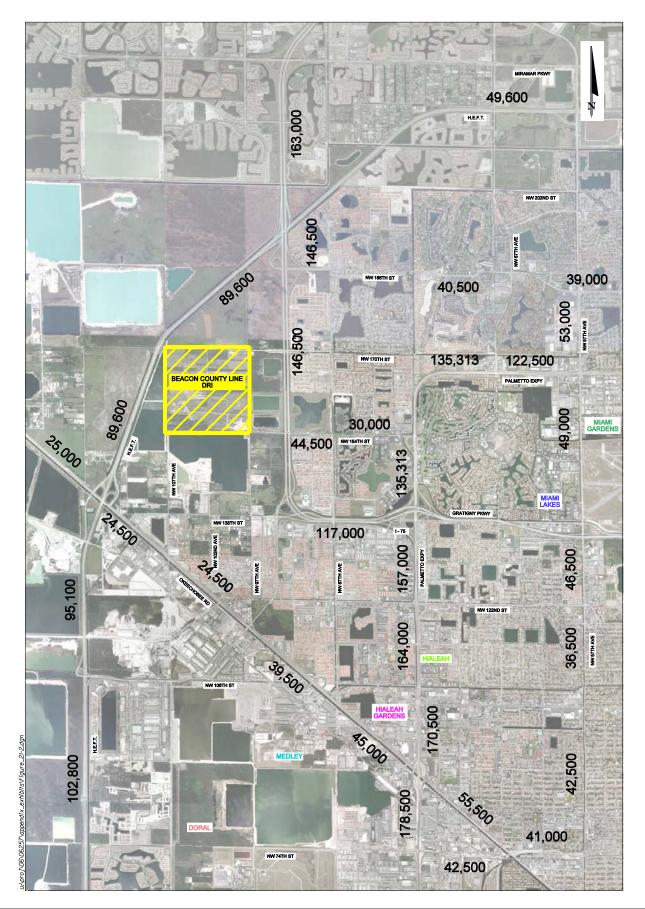
Exhibit 21-1 PROJECT LOCATION Beacon County Line DRI programs showing schedules and types of work and letters from the appropriate agencies stating the current status of the planned, programmed and committed improvements.

The traffic impact area (see Map J, Traffic Impact Area, in Question 9 - Maps) was defined during the methodology discussions at the projects Pre-Application Conference in consultation with the South Florida Regional Planning Council and other review agencies. For ease of review, the approved methodology is included in Appendix 21-1(R), Approved Methodology. The traffic analysis study area was initially defined as Miramar Parkway to the north, NW 74 Street to the south, NW 57 Avenue (Red Road) to the east, and theoretical NW 157 Avenue to the west. It was also agreed during methodology discussions that the ultimately boundaries of the final study area, as well as the segments to be analyzed, will be established by determining which links are significantly impacted] by Project traffic. According to DRI rules, significant impact is measured as development traffic volumes consuming 5% or more of the roadway's peak hour service volume (as described in the corresponding section). The preliminary study area would be extended if significant consumption is established beyond the proposed initial limits. Project consumption for all the regionally significant roadways in the study area has been determined based on the analysis described in subsequent sections. The preliminary study area was found adequate.

Comprehensive Plans for the local municipalities in the study area were reviewed to establish the analysis period for roadways within their boundaries. PM peak period average annual traffic conditions (the average of the two highest consecutive hours of traffic volume during a weekday) were analyzed for existing conditions on all roadways within the Miami-Dade County and municipalities in the study area. The analysis reflects PM peak hour 100th highest hour conditions on all FIHS roadways, consistent with Florida Department of Transportation (FDOT) standards for these facilities. For traffic impact purposes, the year 2007 was considered existing conditions. It was agreed at the Pre-Application Conference that only PM peak period (peak hour on FIHS roads) traffic volumes would be reported and analyzed. However, as requested in the questionnaire, Annual Average Daily Traffic (AADT) volumes are shown where available (for reference purposes only) in *Exhibit 21-2 (R), 2006 Annual Average Daily Traffic*, for regionally significant roadways in the study area. These are the latest available counts from FDOT at this time. They were updated to 2007 conditions using the background growth rates listed in Section D of this report.

Service volumes for regionally significant roadways were obtained from the Generalized Service Volumes Tables published in FDOT's 2002 <u>Quality/Level of Service Handbook</u> and the supplemental Level of Service Issues – 2002 QLOS Handbook Addendum-May 17 2007.

Traffic data for the regionally significant roadways in the study area were obtained from several sources. Existing traffic counts were obtained from the Miami-Dade County Public Works Traffic Engineering Section, the latest available counts from Broward County, Florida Department of Transportation (FDOT) 2006 traffic count volume data, and, where necessary, 24-hour machine counts and/or peak hour intersection turning movement counts secured by David Plummer and Associates.



Source: David Plummer & Associates

Exhibit 21-2 (R) 2006 ANNUAL AVERAGE DAILY TRAFFIC Beacon Countyline DRI

REVISED APRIL 2008

Counts taken in 2006 were adjusted to 2007 conditions using the area background traffic growth rate. Daily traffic counts were converted to directional peak period counts by applying "K" and "D" factors published in the Miami-Dade County, Broward County or FDOT data bases. K and D factors used on all FIHS roads were checked against the FDOT's minimums. All traffic counts and factors used to establish existing traffic conditions are included in *Appendix 21-2 (R), Traffic Counts and Adjustment Factors*.

Table 21-1 (R), Existing Traffic Conditions, shows the number of lanes, traffic volumes, service volumes, existing volume to service volume ratios and the applicable LOS standard for each regionally significant roadway that was analyzed. HCS+ freeway analysis was performed for the portion of I-75 between NW 138 Street and SR 826. This facility operates as a 10 lane facility, with lanes to and from the ramps at the interchanges on either side extending through the length of the segment. However, since 2 of these lanes can be considered auxiliary, HCS+ was run with for this segment to determine the adequacy of 8 lanes. Worksheets are included in *Appendix 21-3(R), HCS+ Analysis*. The analysis shows that this segment of I-75 will meet the adopted LOS standard for future conditions with project.

A column is also included in *Table 21-1 (R), Existing Traffic Conditions* showing roadways that are currently backlogged. The Florida Legislature enacted House Bill 7203, effective July 1, 2007, to ensure that Developments of Regional Impact should mitigate its impacts on the transportation network, but that it should not be responsible for the additional cost of reducing or eliminating backlogs. Backlogs can be interpreted in two ways: as roadways not meeting the applicable level of service standard at the Project's buildout year prior to the addition of Project traffic (including other growth and approved projects); or, as roadways currently not meeting the adopted level of service standards.

Presently, the following roadway improvements are needed to meet the adopted level of service standards in the area based on the existing traffic demands:

- SR 826 Palmetto Expressway, between Red Road (NW 57 Avenue) and NW 67 Avenue and between Miami Lakes Drive and I-75, 8 lanes are currently needed;
- SR 826 Palmetto Expressway, between NW 67 avenue and Miami Lakes Drive and between I-75 and NW 122 Street, 10 lanes are currently needed;
- SR 826 Palmetto Expressway, between NW 122 Street and NW 74 Street, 12 lanes are currently needed;
- I-75 between Miramar Parkway and NW 138 Street, 10 lanes are currently needed;
- The Homestead Extension of the Florida Turnpike (HEFT), between I-75 and NW 74 Street , 8 lanes are currently needed;
- Miami Gardens Drive (NW 186 Street) between I-75 and NW 87 Avenue, 6 lanes are currently needed; and,

It Is breactional # of readway Roadway Municipality Los Non- Service Loss Loss Mone I blanes Type Mami Lakes D 7/93 5410 101 No Service Loss Service Loss Service Service Service Loss Service				-	Beacon Countyline DRI	yline DRI							
From To	Roadway	Lin	nits	Directi	Directional # of	Roadway	Municipality	SOT	Volume	Service	VS/V	Meets LOS	Backlogged
Red RadINW 57 AV WUF 7 AVLudian Rd EHS Mann Lakes D 7.30 5.40 1.13 DO DO <thdo< th=""> <thdo< th=""> DO<!--</th--><th>1</th><th>From</th><th>To</th><th>5</th><th>Lalles</th><th>i ype</th><th></th><th>310</th><th>(1002)</th><th></th><th></th><th>STD?</th><th>רמכווונא ג (ו</th></thdo<></thdo<>	1	From	To	5	Lalles	i ype		310	(1002)			STD?	רמכווונא ג (ו
	Palmetto Expressway	Red Road/NW 57 Av	NW 67 Av/Ludlam Rd	EB	3 LD		Miami Lakes	D	2,053 7,053	5,410 E 410	1.30	No	Yes
Marri Lakes Drive 1-75 Wall 3-10 FHS Marri Lakes D COORD 5-701 1-71 Dec 1-75 W 68 SNW 122 Street 0.0 4.10 FHS Haleah D 0.00 7-00 1.72 0.00 W 68 SNW 122 Street 0.0 4.10 FHS Haleah D 0.00 7-00 <td>(070 40)</td> <td>NW 67 Av/Ludlam Rd</td> <td>Miami Lakes Drive</td> <td></td> <td>3 C C</td> <td></td> <td>Miami Lakes</td> <td>۵</td> <td>7,791</td> <td>5,410</td> <td>1.44</td> <td>2 2 :</td> <td>Yes</td>	(070 40)	NW 67 Av/Ludlam Rd	Miami Lakes Drive		3 C C		Miami Lakes	۵	7,791	5,410	1.44	2 2 :	Yes
175 Weig SNNV 122 Street Sig JL FHS Halaen D 2020 7.300 1.22 No W 49 Street/WV 103 St Weig SNNV 122 Street W 49 Street/WV 103 St W 4 JL FHS Halaen D 7.301 7.300 1.22 No W 49 Street/WV 103 St NV 45 Street/WV 103 St NV 44 Street/WV 103 Street/WV 103 Street/WV 104 Street/W		Miami Lakes Drive	1-75	SWB NB	3LD 3LD		Miami Lakes	۵	6,060 7.791	5,410 5.410	1.12 1.44	o z	Yes Yes
W Time Ti		1-75	W 68 St/NW 122 Street	SB	3 LD		Hialeah		6,060	5,410	1.12	o Z	Yes
W 68 ShWW 125 Street W 49 Streen/W O33 Control FHS Helden D 3,41 7,300 1,22 No W 49 Streen/W NW 74 Street NM 4,1D FHS Helden D 3,41 7,300 1,22 No W 45 Street/W NW 710 Street NW 710 Street NM Minich Street 3,31 1,32 7,300 1,22 No Marin Lakes Drive NM 11,55 NM				S BS	4 LD			נ	7,031	7,380	0.95	Yes	No
W 43 Street/W 103S1 Okeechobee RdUS 27 W 3 Size of the size of t		W 68 St/NW 122 Street	W 49 Street/NW 103 St	an c	4 LD 4 LD		Hialeah	۵	9,443 7,344	7,380 7,380	1.28 1.00	No Ves	Yes
Occeredobee RdUG 27 WV 74 Street 510 bit Mamil Gardens Dive FHS Waters with Gardens Dive D 7.253 bit Mamil Gardens Dive 0.01 7.030 bit Mamil Gardens Dive 0.01 0.02 0.03 <th0.03< th=""> <th0.03< th=""> 0.03 <th0.0< td=""><td></td><td>W 49 Street/NW 103 St</td><td>Okeechobee Rd/US 27</td><td>B B B</td><td>201</td><td></td><td>Hialeah/Hialeah</td><td>۵</td><td>9,817</td><td>9,340</td><td>1.05</td><td>2 o S</td><td>Yes</td></th0.0<></th0.03<></th0.03<>		W 49 Street/NW 103 St	Okeechobee Rd/US 27	B B B	201		Hialeah/Hialeah	۵	9,817	9,340	1.05	2 o S	Yes
Mem Gardens Dive NV 170 Street SI GLO Main Jacks N 7.394 0.36 Yes NV 170 Street Main Jacks Drive NB 11.(no UT Jares) NA NA <td></td> <td>Okeechobee Rd/US 27</td> <td>NW 74 Street</td> <td>n n</td> <td>5 LD</td> <td></td> <td>Medley</td> <td>۵</td> <td>7,635 10,278</td> <td>9,340 9,340</td> <td>0.82 1.10</td> <td>Yes No</td> <td>Yes</td>		Okeechobee Rd/US 27	NW 74 Street	n n	5 LD		Medley	۵	7,635 10,278	9,340 9,340	0.82 1.10	Yes No	Yes
NW 170 Street Mamil Lakes Drive BB 11.(no LT lanes) NA Ma Ma<	NW 87 Avenue / West	Miami Gardens Drive	NW 170 Street	S B	5 LD 1 L (no LT lanes)	-	Miami-Dade	۵	7,994 288	9,340 608	0.86 0.47	Yes Yes	o o Z Z
NW 1/0 Street NM	28 Avenue			SB	1 L (no LT lanes)				448 0	608	0.74	Yes	No
Miami Lakes Drive 1-75 NB 2_LD Collector Mami Lakes D 1,108 1,200 0.68 Yes HEFT NW 186 Street Statt 7.80 7.80 7.80 1.23 No HEFT NW 186 Street Statt 7.80 7.80 7.80 1.03 No NW 186 Street NB 4.LD FHS Miami Dake D 7.87 7.300 1.03 No NW 186 Street NB 4.LD FHS Miami Dake D 7.87 7.300 1.03 No NW 175 Street NW 154 Street NW 1.16 Collector Haleah NA 0 NA			IVIIAMI LAKES URVE	SB SB	ΔZ	Ϋ́	IMIAMI LAKes	AN	00	A A Z	A N	A A	A A
Miramar Miramar D 8441 7.03 7.480 1.02 No HEFT NV 186 Street NV 138 Street NV 138 Street N 138 Street No 138 No No No 138 No No 138 No		Miami Lakes Drive	1-75	a c	2 LD	Collector	Miami Lakes	۵	1,108	1,620	0.68	Yes	No
HET NW 186 Street NB 4.LD FIHs Mamibade D 7.597 7.480 0.03 Yes NW 186 Street NW 186 Street NW 186 Street NW 10 NM 10 Yes Yes <td>I-75</td> <td>Miramar Parkway</td> <td>HEFT</td> <td>a a a</td> <td>4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7</td> <td>FIHS</td> <td>Miramar</td> <td>۵</td> <td>040 8,441 7 000</td> <td>7,480</td> <td>1.13</td> <td>No</td> <td>Yes</td>	I-75	Miramar Parkway	HEFT	a a a	4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	FIHS	Miramar	۵	040 8,441 7 000	7,480	1.13	No	Yes
NW 136 Street NW 138 Street NW 138 Street NW 138 Street SR 820 Street 4 LD Street FHS NW 138 Street Miami Street D 5,326 S 0,33 7,390 MA (2) 0.08 MA (2) Yes NM (2) <td></td> <td>HEFT</td> <td>NW 186 Street</td> <td>n n</td> <td>4 LU 4 LD</td> <td>FIHS</td> <td>Miami-Dade</td> <td>۵</td> <td>7,587</td> <td>7,380 7,380</td> <td>0.94 1.03</td> <td>Yes No</td> <td>Yes</td>		HEFT	NW 186 Street	n n	4 LU 4 LD	FIHS	Miami-Dade	۵	7,587	7,380 7,380	0.94 1.03	Yes No	Yes
Image: Normal control in the state of the state		NW 186 Street	NW 138 Street	SB NB	4 LD 4 LD	FIHS	Miami		6,326 7.587	7,380 7.380	0.86 1.03	Yes No	No Yes
NW 138 Street SR 826 EB 4 LD FHS Main D 5,053 NA (2) NA (2) Yes (2) NW 170 Street NW 170 Street NW 154 Street NB N N Haleah NA NA (2) NA (2) Na (2) Yes (2) NW 170 Street NW 154 Street NB N N Haleah NA NA (2) NA (2) NA (2) Yes (2) NW 154 Street NW 154 Street NB N N Haleah NA N NA				S BS	4 LD	2	Lakes/Hialeah	C	6,326	7,380	0.86	Yes	2 oN
NW 170 Street NW 154 Street NB NA N		NW 138 Street	SR 826	EB	4 LD 4 LD	FIHS	Miami Lakes/Hialeah	۵	5,053 6,059	NA (2) NA (2)	NA (2) NA (2)	Yes (2) Yes (2)	No (2) No (2)
NW 154 Street NW 138 Street NM NM Hialeah NA O NM NM NM NW 154 Street WW 138 Street SB NA NA Hialeah/Hialeah NA O NA NA </td <td>NW 97 Avenue</td> <td>NW 170 Street</td> <td>NW 154 Street</td> <td>n n n</td> <td>A Z</td> <td>NA</td> <td>Hialeah</td> <td>٩N</td> <td>0</td> <td>NA</td> <td>NA</td> <td>À NA</td> <td>NA NA</td>	NW 97 Avenue	NW 170 Street	NW 154 Street	n n n	A Z	NA	Hialeah	٩N	0	NA	NA	À NA	NA NA
NW 138 Street WB 11 Collector Haleah/Haleah D 232 760 0.31 Yes NA		NW 154 Street	NW 138 Street	n n N N	ΔZ	NA	Hialeah	ΑN	00	Υ A Z	A N	A A	A A Z Z
III Cardens III Cardens <th< td=""><td></td><td>NWV 138 Street</td><td>W/ 68 Street</td><td>SB R R</td><td>A -</td><td>Collector</td><td>Hialeah/Hialeah</td><td></td><td>0</td><td>NA 760</td><td>NA 180</td><td>NA Yes</td><td>A Z</td></th<>		NWV 138 Street	W/ 68 Street	SB R R	A -	Collector	Hialeah/Hialeah		0	NA 760	NA 180	NA Yes	A Z
NW 166 Street NW 162 Street NB NA NA Haleah/Haleah NA 0 NA				SB		0000	Gardens)	136	760	0.18	Yes	o N
NW 162 Street NW 154 Street NB NA Hialeah/Haleah NA 0 NA	NW 107 Avenue	NW 166 Street	NW 162 Street	SB NB	N N	NA	Hialeah/Hialeah Gardens	AN	00	A N A N	A N A N	A Z Z	A N A N
NW 154 Street NW 138 Street NW 138 Street NM 177 NM 137 NM 138 Street NM 177 NM 170 Street NM 100 Street		NW 162 Street	NW 154 Street	NB NB	AN	AN	Hialeah/Hialeah	ΑN	0	AN	AN	AN	AN
NW 138 Street Okeechobee Rd/US 27 SB NA Gardens 117 608 0.19 Yes NW 138 Street Okeechobee Rd/US 27 NB 2 LD Collector Haleah Gardens D 456 1,620 0.28 Yes NW 57 Av (Red Road) 1-75 NB 2 LD FHS Miramar D 3,163 3,580 0.28 Yes 1-75 NW 170 Street NB 2 LD FHS Miramar D 3,163 3,530 0.21 Yes NW 170 Street NB 2 LD FHS Mirami-Dade D 5,713 5,530 0.01 Yes NW 170 Street NW 106 Street NB 3 LD FHS Mirami-Dade D 5,713 5,530 0.71 Yes NW 106 Street NW 106 Street NB 3 LD FHS Mirami-Dade D 5,713 5,530 0.71 Yes NW 106 Street NB 3 LD FHS Mirami-Dade D		NW 154 Street	NW 138 Street	N N N	1LU 1LU	Collector	Gardens Hialeah/Hialeah	۵	0 120	08 608	NA 0.20	NA Yes	A A Z A
Internation Internation <thinternation< th=""> <thinternation< th=""></thinternation<></thinternation<>		NW 138 Street	Okeechohee Rd/LIS 27	a n B n	A C	Collector	Gardens Hialeah Gardens		117 456	608 1 620	0.19 0.28	Yes Yes	A N
NW 57 Av (Red Road) I-75 NB 2 LD FIHS Miramar D 3,163 3,580 0.08 Yes 1-75 NW 170 Street SB 2 LD FIHS Miramar D 3,163 3,580 0.68 Yes 1-75 NW 170 Street NB 3 LD FIHS Miami-Dade D 5,730 1.03 No NW 170 Street Okeechobee Rd/US 27 NB 3 LD FIHS Miami-Dade D 5,713 5,530 0.71 Yes NW 170 Street Okeechobee Rd/US 27 NB 3 LD FIHS Miami-Dade D 5,730 0.71 Yes NW 106 Street NM 106 Street NM 106 Street NM 5,530 0.71 Yes NW 106 Street NW 106 Street NM 1.05 5,530 0.71 Yes NW 106 Street NW 106 Street NM 3.934 5,530 0.71 Yes				SB	2 LD)	337	1,620	0.21	Yes	No.
NW 170 Street NB 2 LD FIHS Miami-Dade D 5,713 5,530 1,03 No Okeechobee Rd/US 27 NB 3 LD FIHS Miami-Dade D 5,713 5,530 1,03 No Okeechobee Rd/US 27 NB 3 LD FIHS Miami- D 5,713 5,530 0,71 Yes NW 106 Street NB 3 LD FIHS Miami- D 5,630 0,71 Yes NW 106 Street NB 3 LD FIHS Miami-bade D 5,530 0,71 Yes NW 74 Street NB 3 LD FIHS Miami-bade D 6,064 5,530 0,71 Yes NW 74 Street NB 3 LD FIHS Miami-Dade D 6,555 6,530 0,76 Yes	HEFT	NW 57 Av (Red Road)	1-75	an a		FIHS	Miramar	۵	3,163 2,178	3,580 3,580	0.88	Yes Ves	oN S
SB 3 LD S3934 5,530 0.71 Yes Okeechobee Rd/US 27 NB 3 LD FIHS Miami- D 5,713 5,530 0.71 Yes NW 106 Street SB 3 LD FIHS Miami- D 5,530 0.71 Yes NW 106 Street NB 3 LD FIHS Miami- D 6,064 5,530 0.71 Yes NW 74 Street NB 3 LD FIHS Miami- D 6,064 5,530 0.76 Yes NW 74 Street NB 3 LD FIHS Miami-Dade D 6,055 5,530 0.76 Yes		1-75	NW 170 Street	a a	3 LD	FIHS	Miami-Dade	۵	5,713	3,300 5,530	1.03	No Sar	Yes
NW 106 Street NB 3 LD FIHS Dade/Haleah 3,934 5,530 0.71 Yes NW 106 Street NB 3 LD FIHS Miami- D 6,064 5,530 0.71 Yes NW 74 Street NB 3 LD FIHS Miami- D 6,064 5,530 0.71 Yes NW 74 Street NB 3 LD FIHS Miami-Dade D 6,055 5,530 0.76 Yes NW 74 Street NB 3 LD FIHS Miami-Dade D 6,555 5,530 0.76 Yes		NW 170 Street	Okeechohee Rd/US 27	SB NB	3 LD 3 LD	FIHS	Miami-		3,934 5.713	5,530 5,530	0.71	Yes No	No Yes
NW 106 Street NB 3 LD FIHS Miami- D 6,064 5,530 1.10 No NW 76 Street SB 3 LD PIHS Miami-Dade 0 6,064 5,530 1.10 No NW 74 Street SB 3 LD FIHS Miami-Dade 0 6,555 5,530 0.76 Yes NW 74 Street NB 3 LD FIHS Miami-Dade 0 6,555 5,530 0.776 Yes				SB	3 LD		Dade/Hialeah	I	3,934	5,530	0.71	Yes	No
NW 74 Street NB 3 LD FIHS Miami-Dade D 6,555 5,530 1.19 NO C 28 31D FIHS Miami-Dade D 6,555 5,530 1.19 NO C 28 31D C 38		Okeechobee Rd/US 27	NW 106 Street	an a	3 LD	FIHS	Miami- Dade/Medlev	۵	6,064 4 176	5,530 5,530	1.10 0.76	No Yes	Yes No
		NW 106 Street	NW 74 Street	n n n N n n n N n n n n	3 CD 3 CD 3 CD	FIHS	Miami-Dade	۵	6,555 4,514	5,530 5,530	1.19 0.82	No Yes	Yes

		:										Meets	:
1/3 NW gr Annue Eg 2.LD Sum Mino Mum.Uada Eq 1.01 <th></th> <th></th> <th></th> <th>R</th> <th>Uirectional # of Lanes</th> <th>Koadway Type</th> <th>Municipality</th> <th>STD</th> <th>Volume (2007)</th> <th>Service Volume</th> <th>V/SV</th> <th>LOS STD?</th> <th>Backlogged Facility? (1)</th>				R	Uirectional # of Lanes	Koadway Type	Municipality	STD	Volume (2007)	Service Volume	V/SV	LOS STD?	Backlogged Facility? (1)
NV IT Amone NV T		1-75	NW 87 Avenue	EB	2 LD	State Minor	Miami-Dade	SUMA	1,890	1,800	1.05	No	Yes
W/V 77 Antrue W/G 7 Antru	_	NW 87 Avenue	NW 77 Avenue	EB 8	2 CD 2 CD	Arterial State Minor	Miami-Dade	SUMA	812 1,103	1,800	0.45 0.61	Yes Yes	o v V
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	_	ANN 77 Avenue	NIM 67 Avenue	N N N	2 LD	Arterial State Minor	Miami-Dade	SIMA	713 1 761	1,800	0.40	Yes Ves	o Z
				ЧŠ	2 LD	Arterial			1,487	1,800	0.83	Yes	o Z
HET NV/97 Avenue En NV M	_	NW 67 Avenue		ËB	2 LD	State Minor	Miami-Dade	Ш	1,695	1,800	0.94	Yes	o Z
WW 97 Avenue 175 WB MA NA	NW 170 Street	HEFT	NW 97 Avenue	8 ¤	NAU	NA	Miami-	AA	0	NA NA	NA NA	NA	NA
The second set of the se		MM 07 Avenue	1-75	N N N	AN AN	MA	Dade/Hialeah Miami-	NA	00	AN NA	AN AN	AN AN	۹Z Z
T_{72} Nov of X-horine R 1.1 Control Determine D 900 750 0.01 760 0.01	_			386	Ž Ž		Dade/Hialeah	<u></u>	008	A N N	V N N	Z Z S	A N
W of 7 Avenue NW 77 Avenue EB 1 L Collactor Maintini D 310 770 0.41 Y60 NW 77 Avenue W of 7 Avenue W T Collactor Maintini D 310 770 0.41 Y60 NW 77 Avenue W Y ovenue W T Collactor Maintini D 310 770 0.41 Y60 NW 77 Avenue W Y ovenue W T Collactor Maintini D 376 700 0.41 Y60 NW 77 Avenue Beacon Station Blod W T Collactor Halach D 376 700 0.41 Y60 0.43 Y60 0.44 Y60		c/-I	INVV 87 AVENUE	AB NB	 	Collector	Dade/Miami	C	000	760	0.12	Yes Yes	o y
W TANenue NW 67 Avenue EB 11 Collector D 300 750 0.37 750 0.37 750 0.37 750 0.37 750 0.37 750 0.37 750 0.37 750 0.37 750 0.37 750 0.37 750 0.37 750 0.37 750 0.37 750 0.37 750 0.37 750 0.37 750 0.37 750 0.37 750 0.37 750 0.36 750 0.36 750 0.34 Y60 Y60 Y60 Y60 Y60 Y60 Y6	_	NW 87 Avenue	NW 77 Avenue	EB		Collector	Miami-	۵	310	760	0.41	Yes	o Z
Okeechobee RdUS 27 NW 107 Avenue EB 1L Collector PadeAh/Haim D 376 7.60 0.34 Ves NV 177 Avenue W8 97 Avenue EB 1.1 Collector Fadaah D 578 1.520 0.34 Ves NW 97 Avenue EB 11.1 Collector Fadaah D 578 1.520 0.34 Ves NW 97 Avenue EB 11.1 Collector Fadaah D 578 0.36 Ves 0.37 Ves NW 97 Av Beacon Station Biod EB 11.1 Collector Fadaah D 576 0.34 Ves NW 97 Av Vest Tito Collarians) Collector Halaah Gadans D 566 760 0.34 Ves NW 97 Av Vest Tito Collarians Collector Halaah Gadans D 576 0.34 Ves NW 97 Avenue NW 135 Street S Tito Collarians D 576 0.34 Ves </td <td>-</td> <td>NW 77 Avenue</td> <td>NW 67 Avenue</td> <td>A B D</td> <td></td> <td>Collector</td> <td>Miami-</td> <td>۵</td> <td>310</td> <td>760</td> <td>0.43</td> <td>Yes</td> <td>o N</td>	-	NW 77 Avenue	NW 67 Avenue	A B D		Collector	Miami-	۵	310	760	0.43	Yes	o N
NV T/Avnue WB 2 LD Cancer Gardense D 541 1250 0.27 Yes NV Y Avnue WB 1 L(no LT) anesso Calector Halaehh D 541 603 0.08 Yes NV Y Avnue Beacon Sation Blod WB 1 L(no LT) anesso Calector Halaehh D 541 603 0.08 Yes NW Y Avnue Beacon Sation Blod WB 1 L Curry Minor Halaeh D 547 600 0.03 Yes NW Y Avn Wo of SR 825 UL Avnoia Halaeh D 547 600 0.03 Yes NW Y Avn Wo of SR 825 NW Halaeh D 547 750 0.04 Yes NW Y Avnue NW FHS Halaeh Gardens D 1.14 2.00 0.04 Yes NW Y Avnue NW SR 825 NW SR 826		echobee Rd/US 27	NW 107 Avenue	NB EB	1 L 2 LD	Collector	Dade/Miami Hialeah/Hialeah	۵	376 578	760 1.620	0.49 0.36	Yes Yes	og og
NW 107 Arenue WW 37 Arenue EB 11,100,17 fanes) Collector Helles/Milatesh D 541 608 0.39 Yes NW 97 Arenue Bason Station Bivd W W W F 11,100,17 fanes) Collector Halesh D 541 608 1.038 Yes NW 97 Arenue Beacon Station Bivd W K7 Av VB TL County Minor Halesh D 565 509 1.038 Yes NW 97 Av W K7 Av VB TL County Minor Halesh D 565 509 1.038 Yes NW 138 T NW 138 TL County Minor Halesh Halesh D 570 0.24 Yes NW 138 T NW 138 TR M Too 1.11 Zono 0.44 Yes				WB	2 LD		Gardens	I	444	1,620	0.27	Yes	No
NW 97 Avanue Beacon Saton Bivd Email Linou LT anns) Collectr Halesh D 657 608 108 No NW 97 Avanue Beacon Saton Bivd WB Linou LT anns) Collectr Halesh D 657 608 108 Yes NW 97 Av Beacon Saton Bivd W W W FK Halesh D 555 760 0.48 Yes NW 97 Av West HET W FKS Halesh D 555 760 0.48 Yes NW 97 Avanue West HET NW 138 Street Street Street 111 Zoury Mind Halesh D 2750 0.45 Yes 0.43 Yes Yes Zoold 760 0.54 Yes Y	~	VW 107 Avenue	NW 97 Avenue	EB VB	1 L (no LT lanes) 1 L (no LT lanes)		Hialeah/Hialeah Gardens	۵	541 413	608 608	0.89 0.68	Yes Yes	o N N
NW 97 Av Beacon Station Bvd EV L LULL I attas) beacon Station Bvd Curry Mmor W 87 Av Haleah L L Curry Mmor Antenial Haleah Haleah D 366 555 760 0.14 700 Wo 770 Wo 770 <thwo 770 <thwo 770 <thwo 77</thwo </thwo </thwo 	_	NW 97 Avenue	Beacon Station Blvd	ĒB	1 L (no LT lanes)		Hialeah	۵	654	608	1.08	°Z Z	Yes
Beacon Station Blvd NW 87 Av Version WB 1.L County Mind of ST Av Traterial bit of ST Av S30 760 0.73 Yes Version NW 87 Av We f ST Av W TL County Mind of ST Av THS Halabah THS TT TS TS <td< td=""><td>NW 130 Street</td><td>NW 97 Av</td><td>Beacon Station Blvd</td><td>N N N</td><td>1 L (no LI ianes) 1 L</td><td></td><td></td><td>۵</td><td>967 366</td><td>200</td><td>0.48</td><td>Yes</td><td>Y es No</td></td<>	NW 130 Street	NW 97 Av	Beacon Station Blvd	N N N	1 L (no LI ianes) 1 L			۵	967 366	200	0.48	Yes	Y es No
Descon Station Biol NW 87 Av W 81 L Curry Minor Haleah Gardens Z 500 0.024 Y 95 Y 95 <t< td=""><td></td><td></td><td></td><td>МВ</td><td>1 L</td><td>Arterial</td><td></td><td>1</td><td>530</td><td>760</td><td>0.70</td><td>Yes</td><td>°Z :</td></t<>				МВ	1 L	Arterial		1	530	760	0.70	Yes	°Z :
NW 87 Av W of SR 826 EB 1 L County Minor Hiatesh C 411 760 0.54 Yes West HEFT NW 138 Street HE FHS Hiatesh Gardens C 1111 2.500 0.55 Yes HEFT NW 138 Street SEB 3.LD FHS Hiatesh Gardens C 1111 2.500 0.55 Yes NW 138 Street SEB 3.LD FHS Hiatesh Gardens D 1.283 2.790 0.39 Yes NW 138 Street Beacon Station Blvd NW 87 Avenue SEB 3.LD FHS Hiatesh Gardens D 1.283 2.790 0.39 Yes NW 138 Street NW 87 Avenue SR 826 NW 74 St Hiatesh Gardens D 1.283 2.790 0.39 Yes NW 67 Avenue SR 826 NW 74 St Statesh Gardens D 1.746 2.790 0.63 Yes NW 77 Avenue NW 77 Avenue NW 77 Avenue NW	Be	acon Station Blvd	NW 87 Av	A B B A		County Minor Arterial	Hialeah	۵	565 625	760	0.74 0.82	Yes Yes	o S S
Vest HEFT WB 2.1c FHS Haleah Gardens C 13.19 2.500 0.35 Yes HEFT NW 138 Street SEB 2.1D FHS Haleah Gardens C 13.19 2.500 0.35 Yes NW 138 Street NW 138 Street SEB 3.1D FHS Haleah Gardens D 1038 2.790 0.36 Yes NW 138 Street Beacon Station Blvd NW 87 Avenue SEB 3.1D FHS Haleah Gardens D 1.033 2.790 0.36 Yes NW 37 Avenue NW 74 St SEB NW 74 St State Principal Haleah Gardens D 1.233 2.790 0.36 Yes NW 37 Avenue NW 74 St State Principal Haleah Gardens D 2.728 2.790 0.36 Yes NW 107 Avenue State Principal Haleah Gardens D 2.728 2.790 0.36 Yes <tr< td=""><td></td><td>NW 87 Av</td><td>W of SR 826</td><td>ĒB</td><td></td><td>County Minor</td><td>Hialeah</td><td>υ</td><td>411</td><td>760</td><td>0.54</td><td>Yes</td><td>o Z</td></tr<>		NW 87 Av	W of SR 826	ĒB		County Minor	Hialeah	υ	411	760	0.54	Yes	o Z
HET NW 138 Street SEB Street 3 LD SEB Street FHS SEB Street Haleah/Hialeah SEB SEB SEB D 1,114 SEB SEB 2,500 SEB SEB 0.45 SEB STR90 Yes Yes STR90 Yes STR90	Okeechobee Rd/US 27	West	НЕЕТ	NWB	2LD	FIHS	Hialeah Gardens		40/ 1,319	2,500	0.53	Yes	o v
Initial Number Not Not the Number Num 97 Avenue Initial constant statement of the statement of th		цест	NIM 138 Street	SEB	2 LD		Hioloch/Hioloch	C	1,114	2,500	0.45	Yes Ver	o Z
NW 138 Street Beacon Station Bivd WB 3 LD FHS Haleah Gardens D 1,283 2,790 0.46 Yes Beacon Station Bivd NW 87 Avenue SEB 3 LD FHS Haleah Gardens D 1,283 2,790 0.36 Yes NW 87 Avenue SR 826 NWB 3 LD FHS Haleah Gardens D 2,068 2,790 0.36 Yes SR 826 NW 3 LD State Principal Haleah Gardens D 2,068 2,790 0.66 Yes NW 74 St SR 826 NW 3 LD State Principal Haleah Gardens D 2,068 2,790 0.66 Yes NW 107 Avenue NW T L Collector Haleah Gardens D 2,168 0.90 Yes Yes NW 107 Avenue NW 87 Avenue NW 87 Avenue NW 87 T Collector Haleah Gardens D 2,68 Yes Yes NW 87 Avenue NW 87 Avenue <		-		SEB	3 LD	2	Gardens)	1,083	2,790	0.39	Yes	o Z
Beacon Station Blvd NW 87 Avenue NW 74 St St 885 St 885 St 885 St 885 St 885 NW 74 St St 885	_	NW 138 Street	Beacon Station Blvd	NWB SFB	o lo c lo	FIHS	Hialeah Gardens	۵	1,283	2,790 2 790	0.46	Yes Yes	o Z
NW 87 Avenue SR 826 NW 87 3 LD FIHS Hialeah Gardens D 1,746 2,790 0.633 Yes SR 826 NW 74 St SEB NW 74 St SEB 3 LD FIHS Hialeah Gardens D 1,746 2,790 0.631 Yes SR 826 NW 74 St SEB 3 LD State Principal Hialeah E + 20% 3,013 3,348 0.63 Yes US 27/NW 138 Street NW 107 Avenue NWB 3 LL Collector Hialeah Gardens D 2,760 0.63 Yes NW 107 Avenue Hialeah Gardens Bivd NWB 1 L Collector Hialeah Gardens D 2,760 0.63 Yes NW 107 Avenue NW 87 Avenue NW 87 Avenue NW 87 Avenue NW 87 Avenue D 2,760 0.63 Yes NW 97 Avenue NW 87 Avenue NW 87 Avenue NW 87 Avenue NW 77 Hialeah Gardens D 2,410 0.63 Yes NW 97 Avenue NW 87 Avenue	Be	acon Station Blvd	NW 87 Avenue	NNB	3 LD	FIHS	Hialeah Gardens		2,068	2,790	0.74	Yes	22
SR 826 NW 74 St SEB SEB 3 LD Arterial State Principal Hialeah Hialeah E + 20% State 1915 State 5.780 State 0.69 State Yes Yes Yes US 27/NW 138 Street NW 107 Avenue NW 11 Collector Hialeah Gardens D 3/32 3/348 0.63 Yes NW 107 Avenue NW 107 Avenue NW 11 Collector Hialeah Gardens D 3/32 5/30 0/50 Yes NW 107 Avenue NW 107 Avenue NW 11 Collector Hialeah Gardens D 3/32 7/60 0.63 Yes NW 87 Avenue NW 77 Avenue NW 77 Avenue NW 77 1.1 Collector Hialeah Gardens D 2/40 7/60 0.33 Yes NW 87 Avenue NW 77 Avenue NW 77 1.1 Collector Hialeah Gardens D 2/41 7/60 0.33 Yes NW 87 Avenue NW 87 Avenue NW 87 1.1 Collector Hialeah	-	NW 87 Avenue	SR 826	NWB	3 LD 3 LD	FIHS	Hialeah Gardens	۵	1,746 2,268	2,790	0.63 0.81	Yes Yes	o v
JANZO MW Fraction Participate Fractarility Example Fractarility Fractarity Fractarility Fractarility </td <td></td> <td>6D 076</td> <td>NIM 74 C+</td> <td>SEB</td> <td>3 LD</td> <td>State Dringing</td> <td></td> <td></td> <td>1,915</td> <td>2,790</td> <td>0.69</td> <td>Yes</td> <td>N N</td>		6D 076	NIM 74 C+	SEB	3 LD	State Dringing			1,915	2,790	0.69	Yes	N N
US 27/NW 138 Street NW 107 Avenue NWB 1 L Collector Haleah Gardens D 382 760 0.50 Yes NW 107 Avenue SEB 1 L Collector Hialeah Gardens D 476 760 0.50 Yes NW 107 Avenue SEB 1 L Collector Hialeah Gardens D 476 760 0.53 Yes NW 87 Avenue NW 87 Avenue NW 1 L Collector Hialeah Gardens D 476 760 0.53 Yes NW 87 Avenue NW 87 Avenue NW 1 L Collector Hialeah Gardens D 476 760 0.53 Yes NW 87 Avenue NW 97 Avenue NW 1 L Collector Hialeah Gardens D 741 760 0.53 Yes SR 826 Red Road/W 4Av SEB 1 L Collector Hialeah Gardens D 741 Yes Yes NW 97 Avenue NW 97 SR 826 Red Road/W 4Av <td< td=""><td></td><td>070 10</td><td>10 12 000</td><td>SEB</td><td>3 LD</td><td>Arterial</td><td>שממ</td><td>+</td><td>2,123</td><td>3,348</td><td>0.63</td><td>Yes</td><td>o N</td></td<>		070 10	10 12 000	SEB	3 LD	Arterial	שממ	+	2,123	3,348	0.63	Yes	o N
NW 107 Avenue Hialeah Gardens Bivd NB 1L Collector Hialeah Gardens D 375 700 0.05 Yes Hialeah Gardens Bivd NW 87 Avenue NW 87 Avenue NW 87 Avenue NW 1L Collector Hialeah Gardens D 375 760 0.53 Yes NW 87 Avenue NW 77 Avenue NW 1L Collector Hialeah Gardens D 760 0.53 Yes NW 87 Avenue NW 77 Avenue NW 1L Collector Hialeah Gardens D 741 760 0.53 Yes SR 826 Red Road/W 4 Av EB 1L Collector Hialeah Gardens D 741 760 0.53 Yes NW 97 Avenue SR 826 Red Road/W 4 Av EB 11L(no LTianes) Collector Hialeah Gardens D 2.507 5.410 0.46 Yes NW 97 Avenue WB 11L(no LTianes) Collector Hialeah Gardens D 2.1620 0.53 Yes		27/NW 138 Street	NW 107 Avenue	NVB NVB	<u>+</u> -	Collector	Hialeah Gardens	۵	382	760	0.50	Yes	o No
Hialaeh Gardens Blvd NW 87 Avenue SEB 1 L Collector Hialeah Gardens D 240 760 0.32 Yes NW 87 Avenue NW 77 Avenue NW 1 L Collector Hialeah Gardens D 240 760 0.35 Yes NW 87 Avenue NW 77 Avenue NW 1 L Collector Hialeah Gardens D 240 760 0.35 Yes SR 826 Red Road/W 4 Av EB 1 L Collector Hialeah Gardens D 241 760 0.35 Yes SR 826 Red Road/W 4 Av EB 1 L Collector Hialeah Gardens D 240 760 0.36 Yes Okeechobee Road NW 97 Avenue EB 1 L(no LTianes) Collector Hialeah Gardens D 2,507 5,410 0.46 Yes NW 97 Avenue W87 Av /W 28 Av WB 1 L(no LTianes) County Minor Hialeah Gardens D 2,152 5,410 0.46 Yes		JW 107 Avenue	Hialeah Gardens Blvd	NWB		Collector	Hialeah Gardens		476	760	0.63	Yes	2 92
NW 87 Avenue NW 77 Avenue SEB 11 Collector Haleah Gardens D 225 760 0.33 Yes NW 87 Avenue NW 77 Avenue SEB 11 Collector Haleah Gardens D 781 760 0.36 Yes SR 826 Red Road/W 4 Av EB 11 Collector Haleah Gardens D 2,507 5,410 0.46 Yes SR 826 Red Road/W 4 Av EB 31L FIHS Haleah Gardens D 2,507 5,410 0.46 Yes Okeechobee Road NW 97 Avenue EB 11. (no.L1'anes) Collector Haleah Gardens D 2,557 5,410 0.46 Yes NW 97 Avenue W 87 Av / W 28 Av EB 11. (no.L1'anes) County Minor Hialeah Gardens D 2,162 0.33 Yes NW 97 Avenue W 87 Av / W 28 Av SR 826 EB 11. (no.L1'anes) Anterial D 5,616 0.33 Yes NW 97 Av/ W 28 Av <t< td=""><td>Ĩ</td><td>leab Gardens Blvd</td><td>NW 87 Avenue</td><td>SEB</td><td></td><td>Collector</td><td>Hialeah Gardens</td><td></td><td>240 264</td><td>760</td><td>0.32</td><td>Yes Yes</td><td>o Z Z</td></t<>	Ĩ	leab Gardens Blvd	NW 87 Avenue	SEB		Collector	Hialeah Gardens		240 264	760	0.32	Yes Yes	o Z Z
NW 87 Avenue NW 77 Avenue NU Tol Collector Hialeah Gardens D 741 760 0.98 Yes SR 326 Red Road/W 4 Av EB 3.LD FIHS Hialeah Miami D 2.507 5,410 0.44 Yes Okeechobee Road NW 97 Avenue EB 1.L (no LT anes) Collector Hialeah Gardens D 315 6.08 0.38 Yes NW 97 Avenue NW 87 Av/W 28 Av EB 1.L (no LT anes) County Minor Hialeah Gardens D 566 6.08 0.38 Yes NW 87 Av/W 28 Avenue NW 87 Av/W 28 Av XB 2.LD County Minor Hialeah D 566 6.08 0.38 Yes NW 97 Av/W 28 Av SR 826 EB 2.LD County Minor Hialeah D 1.520 0.30 Yes NW				SEB					282	760	0.37	Yes	o Z
SR 826 Red Road/W 4 Av EB 3.LD FIHS Hialeah/Miami D 2.507 5.410 0.444 Yes Okeechobee Road NW 97 Avenue EB 3.LD Lakes D 2.507 5.410 0.46 Yes Okeechobee Road NW 97 Avenue EB 1.L (no LTianes) Collector Hialeah Gardens D 315 668 0.52 Yes NW 97 Avenue NW 87 Av/ W 28 Av EB 1.L (no LTianes) County Minor Hialeah D 566 608 0.33 Yes NW 97 Av/ W 28 Av SR 826 EB 1.L (no LTianes) Anterial D 566 608 0.33 Yes NW 87 Av/ W 28 Av SR 826 EB 2.LD County Minor Hialeah D 1.520 0.93 Yes NW 87 Av/ W 28 Av SR 826 EB 2.LD County Minor Hialeah D 1.520 0.93 Yes	_	NW 87 Avenue	NW 77 Avenue	NWB NVB	<u>+</u> -	Collector	Hialeah Gardens	۵	741	760	0.98	Yes	o Z
WB 3 LD Lakes 2,152 5,410 0.40 Yes Okeechobee Road NW 97 Avenue EB 1 L (no LT lanes) Collector Haleah Gardens D 315 608 0.52 Yes NW 97 Avenue WB 1 L (no LT lanes) Collector Hialeah Gardens D 315 608 0.52 Yes NW 97 Avenue WB 1 L (no LT lanes) County Minor Hialeah D 501 608 0.33 Yes NW 97 Av/ W 28 Av SR 826 EB 1 L (no LT lanes) Anterial D 566 608 0.33 Yes NW 87 Av / W 28 Av SR 826 EB 2 LD County Minor Hialeah D 1,295 1,620 0.30 Yes	Grationy Expressway	SR 826	Red Road/W 4 Av	EB 8	3LD	FIHS	Hialeah/Miami	۵	338 2,507	, 60 5,410	0.46 0.46	Yes Yes	o y
Okeechobee Road NW 97 Avenue EB 1L (no LT lanes) Collector Haleah Gardens D 315 608 0.52 Yes NW 97 Avenue WB 7 Av W 87 Av / W 28 Av WB 1 L (no LT lanes) County Minor Hialeah D 501 608 0.38 Yes NW 97 Avenue NW 87 Av / W 28 Av WB 1 L (no LT lanes) Anterial D 566 608 0.33 Yes NW 87 Av / W 28 Av SR 826 EB 2 LD County Minor Hialeah D 1,295 1,620 0.30 Yes NW 87 Av / W 28 Av SR 826 EB 2 LD County Minor Hialeah D 1,295 1,620 0.30 Yes				WB	3 LD		Lakes		2,152	5,410	0.40	Yes	o N
NW 97 Avenue NW 87 Av / W 28 Av EB 1 L (no LT lanes) County Minor Hialeah D 501 608 0.82 Yes NW 87 Av / W 28 Av SR 826 EB 2 LD County Minor Hialeah D 566 608 0.33 Yes NW 87 Av / W 28 Av SR 826 EB 2 LD County Minor Hialeah D 1,295 1,620 0.80 Yes WB 2 LD Arterial D 1,295 1,620 0.80 Yes		keechobee Road	NW 97 Avenue	AB VB	1 L (no LT lanes) 1 L (no LT lanes)		Hialeah Gardens	۵	315 228	608 608	0.52 0.38	Yes Yes	o N N
SR 826 EB 2.LD County Minor Hialeah D 1,295 1,620 0.30 Yes WB 2.LD Arterial 1,395 1,620 0.30 Yes		NW 97 Avenue	NW 87 Av / W 28 Av	ĒB	1 L (no LT lanes)		Hialeah	۵	501	608	0.82	Yes	No No
ZLU Alteria Asteria 1.303 1.020 0.30 Tes	ŠZ	V 87 Av / W 28 Av	SR 826				Hialeah	۵	1,295	1,620	0.80	Yes	2 0 Z
	Notae:				4 LU				000	1,020	0.20	00-	2

• NW 138 Street, between NW 97 Avenue and Beacon Station Boulevard, 4 lanes are currently needed.

As agreed upon at the Pre-Application Conference, intersection capacity analyses was performed where the adjacent link is projected to operate below the adopted level of service standard and Project traffic consumption is five percent or more of the adopted LOS standard Service Volume. The following intersections meet the above referenced guideline:

- NW 87 Avenue/NW 122 Street (W 68 Street), and
- NW 97 Avenue/NW 122 Street (W 68 Street).

Currently, both intersections operate within the adopted level of service standards.

In addition, since the exact location of all proposed Project driveways have not yet been determined, the following intersections will be analyzed for future traffic conditions. These will serve as the principal Project access points to and from the external roadway network:

- NW 107 Avenue/NW 162 Street,
- NW 97 Avenue/NW 170 Street,
- NW 97 Avenue/NW 162 Street, and
- NW 102 Avenue/NW 170 Street.

At the request of the Florida Turnpike Enterprise, the at-grade intersections of the proposed HEFT/NW 170 Street interchange were analyzed. Although the configuration of the interchange has not been formally determined at this time, full access (all movements) to the HEFT interchange is anticipated. The assumed configuration is shown in *Exhibit 21-3, NW 170 Street Interchange Configuration*.

It was also agreed during methodology discussions that ramp analyses (merging/diverging) would be performed for ramps where the Project traffic is projected to reach or exceed 200 vph, consistent with FDOT guidelines. The assignment of Project traffic on all ramps, including the I-75/Miramar Parkway interchange, was checked to identify the ramps that meet this criteria. The following ramps were analyzed:

- HEFT/I-75 , and
- I-75 / NW 138 Street Ramps to/from the east.

AM Peak hour analyses were performed in the reverse direction for the impacted ramps.

Weaving, as defined in the Highway Capacity Manual, is created when a merge area is closely followed by a diverge area or when an on-ramp is closely followed by an off





ramp and the two are joined by an auxiliary lane. Based on the above definition, weaving analysis is not applicable at the junction of HEFT and I-75, since the on and off ramps are not placed in close proximity and are not connected by an auxiliary lane. HCM recommends that each merge/diverge movement be considered separately using the ramp terminal (merge/diverge) methodology, as performed above.

Based on the analysis performed, the following ramp improvements are needed for existing conditions to meet the adopted level of service standards:

- I-75 eastbound ramp to SR 826 southbound, add 1 ramp lane.
- HEFT north-east bound to I-75 northbound, add northbound through lane at merge area;
- I-75 southbound to HEFT south-west bound ramp add 1 ramp lane;
- I-75 eastbound to Palmetto Expressway (SR 826) southbound, add a ramp at diverge area; and,
- I-75 eastbound to Palmetto Expressway (SR 826) southbound, add a mainline thru lane at merge area.

Intersection Capacity Analysis and Ramp Analysis worksheets for existing traffic conditions are provided in *Appendix 21-3 (R), HCS Analysis*.

Miami-Dade County's and Broward County's <u>2008 Transportation Improvement</u> <u>Programs</u> (TIP) were reviewed to determine which roadways in the study area are programmed for improvements. Corresponding TIP page excerpts are included in **Appendix 21-4 (R), Transportation Improvements Documentation**. The City of Hialeah was also consulted to ensure that all programmed improvements within the City are included in the analysis. Only those improvements programmed for construction in the first 3 years of the TIP or 5 years of the local Capital Improvement Elements were considered in the analysis. **Table 21-2 (R), Committed Roadway Improvements** presents a list of committed developments in the study area.

The Developer of Beacon Countyline DRI is committed to pursuing an interchange at HEFT/NW 170 Street and has determined that they do not intend to proceed with development beyond a certain amount of Project trips until the contemplated interchange is committed, constructed and/or caused to be constructed. The construction of this interchange has been included in the analysis, in addition to the committed roadway improvements listed in Table 21-2 (R). It is the Applicant's intent to uses this analysis to establish the appropriate timing of the interchange. The interchange will be subject to justification and approval of Florida's Turnpike Enterprise. Analysis of future traffic conditions includes an interchange at this location.

Other improvements to the external roadway network included in the analysis are listed below:

 NW 170 Street between the HEFT and NW 97 Avenue, new 4 lane road (the Project needs 4 lanes in this section. The developer on the north side of NW 170 Street will be responsible for the additional two-lanes during the development of this property at a later time);

		TABLE 2 Committed Roadw <i>Beacon</i> Cou	ay Improvements	5	
Project Number	Roadway	Lin	nits	Type of Work	Phasing
DT2499412	SR 823 / NW 57 Ave	SR 934 / W 21 St	W 34 S	Add Lanes & Reconstruct	
DT4164233	SR 25 / Okeechobee Rd	NW 138 St		Intersection (Minor)	
DT4164234	SR 25 / Okeechobee Rd	NW 105 Way		Add turn lane(s)	
DT4075772	SR 25 / NW 103 St	NW 103 St	W 2 Ave	Intersection (Minor)	CST 2008
PS0000102A	NW 112 Ave	NW 84 St	NW 85 St	2 lanes, sidewalks, and drainage	
PS0000102B	NW 82 St	NW 113 Ave	NW 117 Ave	2 lanes, sidewalks, and drainage	
PS0000101A	NW 82 St	NW 114 Ave	NW 115 Ave (so. Side)	2 lanes, sidewalks, and drainage	
PS000023	NW 107 Ave	NW 122 St	S River Dr	Reconstruct NW 107 Ave / New flyover ramp	
PS000025	NW 90 St	NW 114 Ave	NW 112 Ave	New construction: 2 lanes	
PW0000110	NW 97 Ave	NW 138 St	NW 154 St	New 4 lanes	
PW0000111	NW 138 St	NW 107 Ave	I-75	Widening: 2 to 6 lanes	CST 2012
PW000326	NW 138 Street Bridge	Bridge over Miami River	NW 138 St	Bridge Construction	CST 2008
PW000031	NW 74 St	NW 87 Ave	NW 84 Ave	New construction: 4 lanes	
PW000075	W 60 St	W 12 Ave	W 4 Ave	Widening: 2 to 3 lanes	CST 2008
PW000328	NW 62 Ave (W 8 Ave)	NW 138 St	NW 105 St	Widening: 2 to 3 lanes	
PW000501	NW 112 Ave / 138 St	Miami Canal		Sonovoid Bridge Renovation	Complete
PW20040271	NW 87 Ave	NW 162 St	NW 170 St	Widening: 2 to 4 lanes	
PW20040355	NW 74 St	HEFT	NW 82 Ave	New 6 lanes	CST 2009
PW20040390	NW 87 Ave	NW 154 St	NW 186 St	Widening: 2 to 4 lanes	CST 2010
PW610157S	W 24 Ave	W 52 St	W 76 St	Widening: 2 to 5 lanes	CST 2012
PW662347	NW 72 Ave	NW 74 St	Okeechobee Rd	Widening: 2 to 4 lanes and bridge	CST 2009
PW662347S	NW 72 Ave	NW 74 St	Okeechobee Rd	Widening: 2 to 4 lanes and bridge	CST 2009
PW671916	NW 62 Ave	NW 105 St	NW 138 St	Widening: 2 to 3 lanes	
DT4161171	SR 826 / NW 122 St	West 21 Ct	East of W 20	Intersection (Major)	CST 2017
DT4147312	SR 934 / NW 74 St	SR 821 / HEFT	NW 79 Ave	New Road Construction	CST 2008
PW671951	W 68 St	W 19 Ct	W 17 Ct	Add lane on south side and signalize	CST 2008
TP2519381	Homestead Extension	Florida Turnpike (HEFT)	I-75 Interchange	Interchange (Major)	
Notes:	Based on the Miami-Dade adop	oted 2008Transportation Improve		Source: David Plummer and	Associates, Ir

Revised April 2008

- NW 170 Street between NW 97 Avenue and I-75 overpass, new 2 lane road;
- NW 107 Avenue between NW 166 Street and NW 138 Street, new 2 lane road; and,
- NW 97 Avenue between NW 170 Street and NW 154 Street, new 4 lane road.

In order to establish the impact of the proposed interchange and the proposed roadway network, the transportation model was run first for future (2018) traffic conditions without Project with the committed roadway network, and then with the committed network plus the interchange and roadways listed above. *Appendix 21-5 (R), Diversions Documentation*, provides a detailed explanation of the diversions obtained from the traffic patterns in the area, as well as model runs for the area, and exhibits graphically portraying these.

Planned improvements within the study area were also researched in both the Miami-Dade and Broward County's Long Range Transportation Plan. These improvements are provided for informational purposes only in *Table 21-3, Planned Roadway Improvements*.

B. Provide a projection of vehicle trips expected to be generated by this development. State all standards and assumptions used, including trip end generation rates by land use types, sources of data, modal split, persons per vehicle, etc., as appropriate. The acceptable methodology to be used for projecting trip generation (including the Florida Standard Urban Transportation Model Structure or the Institute of Transportation Engineers trip generation rates) shall be determined at the pre-application conference stage.

Trip generation was estimated using rates and/or equations (as applicable) published by ITE in <u>*Trip Generation*</u>, 7th Edition (see *Table 21-4 (R), Trip Generation*). All ITE Land Use Codes and rates or equations utilized for each of the proposed land uses for this DRI have been identified. ITE prescribed adjustments to the trip generation are described in the following sections.

ITE recognizes that data obtained to establish trip generation rates and/or equations is collected at single-use, free-standing sites, and that mixed-use developments provide a potential for interaction of trips within the site, which must be accounted for separately. This will be a mixed-use project and features to encourage interaction between the proposed land uses will be incorporated into the design, resulting in a portion of the Project trips satisfied on-site (*internal trips*). As noted earlier, the relatively isolated location of this property will further encourage internalization within the Project.

Research shows that a percentage of retail trips to and from a site are "*pass-by*" trips. ITE describes *pass-by* as trips "*attracted from traffic passing the site on an adjacent street*". *Pass-by* trips are already using the existing roadway network. ITE has established that, typically, for retail centers with approximately 350,000 square feet of gross leasable space (SF GLA), such as the one proposed, approximately 28% of the

TABLE 21-3Planned Roadway ImprovementsBeacon County Line DRI

1 I 2 I 3 I 4 I 5 I 6 I 7 I 8 I 9 I 10 I 11 I 12 I 13 I 14 I 15 I 16 I 17 I 49 II 50 II II II III III 18 III 19 III 20 IV 21 IV 22 IV 23 IV 24 IV IV IV 25 IV 26 IV 27 IV 28 IV 29 IV	Funded by 2009 Funded by 2009	SR 826 Okeechobee Road (SR 25) NW 87 Avenue NW 57 Avenue (SR 823) Okeechobee Road (SR 25) Okeechobee Road (SR 25) NW 72 Avenue W 24 Avenue NW 74 Street NW 74 Street NW 122 Street NW 138 Street NW 107 Avenue	FEC Railroad to NW 103 Street W 12 Avenue to W 19 Street NW 74 St to Okeechobee Road W 21 (SR 934) to W 49 (SR 932) Street Okeechobee Road to W 21 St (SR 934) SR 826 to W 12 Avenue NW 74 St to Okeechobee Road W 52 to 76 Street HEFT to NW 87 Avenue NW 87 to 84 Avenue Okeechobee Road to NW 87 Avenue NW 107 to 97 Avenue	Widen from 8 to 10 Lanes Widen from 4 to 6 Lanes New 4-lane Road Widen from 4 to 6 Lanes Widen from 4 to 6 Lanes Add Lanes Widen from 2 to 4 Lanes & bridge Widen from 2 to 4 Lanes New 2 Lanes New 4 Lanes Widen from 2 to 5 Lanes
3 I 4 I 5 I 6 I 7 I 8 I 9 I 10 I 11 I 12 I 13 I 14 I 15 I 16 I 17 I 49 II 50 II II II III III 18 III 19 III 20 IV 21 IV 22 IV 23 IV 24 IV IV IV 25 IV 28 IV 29 IV	Funded by 2009Funded by 2009	NW 87 Avenue NW 57 Avenue (SR 823) NW 57 Avenue (SR 823) Okeechobee Road (SR 25) NW 72 Avenue W 24 Avenue NW 74 Street NW 74 Street NW 122 Street NW 138 Street NW 107 Avenue	NW 74 St to Okeechobee Road W 21 (SR 934) to W 49 (SR 932) Street Okeechobee Road to W 21 St (SR 934) SR 826 to W 12 Avenue NW 74 St to Okeechobee Road W 52 to 76 Street HEFT to NW 87 Avenue NW 87 to 84 Avenue Okeechobee Road to NW 87 Avenue	New 4-lane Road Widen from 4 to 6 Lanes Widen from 4 to 6 Lanes Add Lanes Widen from 2 to 4 Lanes & bridge Widen from 2 to 4 Lanes New 2 Lanes New 4 Lanes
4 I 5 I 6 I 7 I 8 I 9 I 10 I 11 I 12 I 13 I 14 I 15 I 16 I 17 I 49 II 50 II II II II II 18 III 19 III 20 IV 21 IV 22 IV 23 IV 24 IV IV IV 25 IV 28 IV 29 IV	Funded by 2009Funded by 2009	NW 57 Avenue (SR 823) NW 57 Avenue (SR 823) Okeechobee Road (SR 25) NW 72 Avenue W 24 Avenue NW 74 Street NW 74 Street NW 122 Street NW 138 Street NW 107 Avenue	W 21 (SR 934) to W 49 (SR 932) Street Okeechobee Road to W 21 St (SR 934) SR 826 to W 12 Avenue NW 74 St to Okeechobee Road W 52 to 76 Street HEFT to NW 87 Avenue NW 87 to 84 Avenue Okeechobee Road to NW 87 Avenue	Widen from 4 to 6 Lanes Widen from 4 to 6 Lanes Add Lanes Widen from 2 to 4 Lanes & bridge Widen from 2 to 4 Lanes New 2 Lanes New 4 Lanes
5 I 6 I 7 I 8 I 9 I 10 I 11 I 12 I 13 I 14 I 15 I 16 I 17 I 49 II 50 II II II II II 18 III 19 II 20 IV 21 IV 22 IV 23 IV 24 IV IV IV 25 IV 28 IV 29 IV	Funded by 2009Funded by 2009	NW 57 Avenue (SR 823) Okeechobee Road (SR 25) NW 72 Avenue W 24 Avenue NW 74 Street NW 74 Street NW 122 Street NW 138 Street NW 107 Avenue	Okeechobee Road to W 21 St (SR 934) SR 826 to W 12 Avenue NW 74 St to Okeechobee Road W 52 to 76 Street HEFT to NW 87 Avenue NW 87 to 84 Avenue Okeechobee Road to NW 87 Avenue	Widen from 4 to 6 Lanes Add Lanes Widen from 2 to 4 Lanes & bridge Widen from 2 to 4 Lanes New 2 Lanes New 4 Lanes
6 I 7 I 8 I 9 I 10 I 11 I 12 I 13 I 14 I 15 I 16 I 17 I 49 II 50 II II II III II 18 III 19 II 20 IV 21 IV 22 IV 23 IV 24 IV IV IV 25 IV 26 IV 27 IV 28 IV 29 IV	Funded by 2009Funded by 2009	Okeechobee Road (SR 25) NW 72 Avenue W 24 Avenue NW 74 Street NW 74 Street NW 122 Street NW 138 Street NW 107 Avenue	SR 826 to W 12 Avenue NW 74 St to Okeechobee Road W 52 to 76 Street HEFT to NW 87 Avenue NW 87 to 84 Avenue Okeechobee Road to NW 87 Avenue	Add Lanes Widen from 2 to 4 Lanes & bridge Widen from 2 to 4 Lanes New 2 Lanes New 4 Lanes
7 I 8 I 9 I 10 I 11 I 12 I 13 I 14 I 15 I 16 I 17 I 49 II 50 II II II II II 18 III 19 II 20 IV 21 IV 22 IV 23 IV 24 IV IV IV 25 IV 26 IV 27 IV 28 IV 29 IV	Funded by 2009Funded by 2009	NW 72 Avenue W 24 Avenue NW 74 Street NW 74 Street NW 122 Street NW 138 Street NW 107 Avenue	NW 74 St to Okeechobee Road W 52 to 76 Street HEFT to NW 87 Avenue NW 87 to 84 Avenue Okeechobee Road to NW 87 Avenue	Widen from 2 to 4 Lanes & bridge Widen from 2 to 4 Lanes New 2 Lanes New 4 Lanes
8 I 9 I 10 I 11 I 12 I 13 I 14 I 15 I 16 I 17 I 49 II 50 II II II II II 18 III 19 II 20 IV 21 IV 22 IV 23 IV 24 IV IV IV 25 IV 26 IV 27 IV 28 IV 29 IV	Funded by 2009Funded by 2009	W 24 Avenue NW 74 Street NW 74 Street NW 122 Street NW 138 Street NW 107 Avenue	W 52 to 76 Street HEFT to NW 87 Avenue NW 87 to 84 Avenue Okeechobee Road to NW 87 Avenue	Widen from 2 to 4 Lanes New 2 Lanes New 4 Lanes
9 I 10 I 11 I 12 I 13 I 14 I 15 I 16 I 17 I 49 II 50 II II II II II 18 III 19 III 20 IV 21 IV 22 IV 23 IV 24 IV IV IV 25 IV 26 IV 27 IV 28 IV 29 IV	Funded by 2009Funded by 2009	NW 74 Street NW 74 Street NW 122 Street NW 138 Street NW 107 Avenue	HEFT to NW 87 Avenue NW 87 to 84 Avenue Okeechobee Road to NW 87 Avenue	New 2 Lanes New 4 Lanes
10 I 11 I 12 I 13 I 14 I 15 I 16 I 17 I 49 II 50 II II II II II 18 III 19 III 20 IV 21 IV 22 IV 23 IV 24 IV IV IV 25 IV 26 IV 27 IV 28 IV 29 IV	Funded by 2009 Funded by 2009 Funded by 2009 Funded by 2009 Funded by 2009 Funded by 2009 Funded by 2009	NW 74 Street NW 122 Street NW 138 Street NW 107 Avenue	NW 87 to 84 Avenue Okeechobee Road to NW 87 Avenue	New 4 Lanes
11 I 12 I 13 I 14 I 15 I 16 I 17 I 49 II 50 II II II III II III II 18 III 20 IV 21 IV 22 IV 23 IV 24 IV IV IV 25 IV 26 IV 27 IV 28 IV 29 IV	Funded by 2009Funded by 2009Funded by 2009Funded by 2009Funded by 2009Funded by 2009Funded by 2009	NW 122 Street NW 138 Street NW 107 Avenue	Okeechobee Road to NW 87 Avenue	
12 I 13 I 14 I 15 I 16 I 17 I 49 II 50 II II II III II III II III II 11 II 12 IV 20 IV 21 IV 22 IV 23 IV 24 IV IV IV 25 IV 26 IV 27 IV 28 IV 29 IV	Funded by 2009	NW 138 Street NW 107 Avenue		Widen from 2 to 5 Lanes
13 I 14 I 15 I 16 I 17 I 49 II 50 II II II II II III II III II II II 11 II 12 IV 21 IV 22 IV 23 IV 24 IV IV IV 25 IV 26 IV 27 IV 28 IV 29 IV	Funded by 2009 Funded by 2009 Funded by 2009 Funded by 2009	NW 107 Avenue	NW 107 to 97 Avenue	
14 I 15 I 16 I 17 I 49 II 50 II II II 19 III 20 IV 21 IV 22 IV 23 IV 24 IV IV IV 25 IV 26 IV 27 IV 28 IV 29 IV	Funded by 2009 Funded by 2009 Funded by 2009			Widen from 2 to 5 Lanes
15 I 16 I 17 I 49 II 50 II II II II II III III III III III III 18 III 19 III 20 IV 21 IV 22 IV 23 IV 24 IV IV IV 25 IV 26 IV 27 IV 28 IV	Funded by 2009 Funded by 2009		Okeechobee Road to NW 138 Street	Widen from 2 to 5 Lanes
16 I 17 I 49 II 50 II II II II II III III III III III III III III 18 III 19 III 20 IV 21 IV 22 IV 23 IV 24 IV IV IV 25 IV 26 IV 27 IV 28 IV 29 IV	Funded by 2009	NW 87 Avenue	NW 154 Street to Miami Gardens Dr	New Construction
17 I 49 II 50 II II II II II III III III III III III 18 III 19 III 20 IV 21 IV 22 IV 23 IV 24 IV IV IV 25 IV 26 IV 27 IV 28 IV 29 IV	-	NW 62 Avenue	NW 105 to 138 Street	Widen from 2 to 3 Lanes
49 II 50 II 50 II II II II II III III III III 18 III 19 III 20 IV 21 IV 22 IV 23 IV 24 IV IV IV 25 IV 26 IV 27 IV 28 IV 29 IV	Freedorith contra	Hialeah Expressway (SR 934)	SR 826 to NW 57 Avenue	Widen from 4 to 6 Lanes
50 II II II II II III III III III III III 18 III 19 III 20 IV 21 IV 22 IV 23 IV 24 IV IV IV 25 IV 26 IV 27 IV 28 IV 29 IV	Funded by 2009	NW 57 Avenue (SR 823)	W 49 St (NW 103 St) to NW 138 St	Widen from 4 to 6 Lanes
II II III III III III III III 18 III 19 III 20 IV 21 IV 22 IV 23 IV 24 IV IV IV 25 IV 26 IV 27 IV 28 IV 29 IV	2010-2015	I-75	at NW 154 Street	New Interchange
III III III III 18 III 19 III 20 IV 21 IV 22 IV 23 IV 24 IV IV IV 25 IV 26 IV 27 IV 28 IV 29 IV	2010-2015	NW 74 Street	HEFT to SR 826	Widen to 6 Lanes
III III 18 III 19 III 20 IV 21 IV 22 IV 23 IV 24 IV IV IV 25 IV 26 IV 27 IV 28 IV 29 IV	2010-2015	Okeechobee Road (SR 25)	At Krome, NW 138 St & 95 St	Construct grade separated free-flow lanes
18 III 19 III 20 IV 21 IV 22 IV 23 IV 24 IV IV IV 25 IV 266 IV 27 IV 28 IV 29 IV	2016-2020	HEFT	at NW 74 Street	New Interchange
19 III 20 IV 21 IV 22 IV 23 IV 24 IV IV IV 25 IV 26 IV 27 IV 28 IV 29 IV	2016-2020	I 75	at Miami Gardens Drive	Interchange Improvements
20 IV 21 IV 21 IV 22 IV 23 IV 24 IV IV IV 25 IV 26 IV 27 IV 28 IV 29 IV	2016-2020	NW 87 Avenue	NW 58 Street to Okeechobee Rd	Widen to 6 Lanes
21 IV IV IV 22 IV 23 IV 24 IV IV IV 25 IV 26 IV 27 IV 28 IV 29 IV	2016-2020	W 60 Street	W 4 to 12 Avenue	Widen from 2 to 3 Lanes
IV 22 IV 23 IV 24 IV IV IV IV IV 25 IV 26 IV 27 IV 28 IV 29 IV	2021-2030	HEFT	US 27 to I 75	Widen to 8 Lanes
22 IV 23 IV 24 IV IV IV 25 IV 26 IV 27 IV 28 IV 29 IV	2021-2030	HEFT	SR 836 to US 27	Widen from 6 to 8 Lanes+ 2 Aux Lanes
23 IV 24 IV IV IV 25 IV 26 IV 27 IV 28 IV 29 IV	2021-2030	HEFT	I 75 to HEFT	Widen from 4 to 6 Lanes
24 IV IV IV 25 IV 26 IV 27 IV 28 IV 29 IV	2021-2030	I 75	SR 826 to NW 138 Street	Widen from 4 to 8 Lanes
IV IV 25 IV 26 IV 27 IV 28 IV 29 IV	2021-2030	Miami Gardens Drive	I 75 to NW 57 Avenue	Widen from 4 to 6 Lanes
25 IV 26 IV 27 IV 28 IV 29 IV	2021-2030	NW 72 Avenue	NW 122 to 138 Street	Widen from 2 to 3 Lanes
26 IV 27 IV 28 IV 29 IV	2021-2030	Okeechobee Road (SR 25)	at Krome, Hialeah Gardens Boulevard / NW 116 & 105 Way, NW 87 & NW 79 Avenue	Construct grade separated free-flow lanes
27 IV 28 IV 29 IV	2021-2030	SR 924	Eastern Terminus of SR 924 to Okeechobee Road	Expressway Extension
28 IV 29 IV	2021-2030	W 68 Street	W 21 Court to W 19 Court	Add Lane on south side
29 IV	2021-2030	W 76 Street	W 36 to 20 Avenue	Widen from 2 to 5 Lanes
	2021-2030	SR 826	I 75 to Golden Glades Interchange	Add 2 HOV Lanes
30 IV	Unfunded	Hialeah Light Rail Transit	Miami Intermodal Center to I 75	Light Rail Transit
	Unfunded	175	NW 138 Street to MD/Broward Line	Widen from 4 to 8 Lanes
31 IV	Unfunded	I 75 / HEFT	SW 8 St to Broward County Line	Premium Transit
32 IV	Unfunded	NW 97 Avenue	NW 74 to 90 Street	New 4-lane Road
33 IV		NW 87 Avenue	NW 183 Street to County Line	New 2-4 Lanes
34 IV	Unfunded	NW 107 Avenue	NW 138 to 170 Street	New 2 Lanes
35 IV	Unfunded Unfunded	NW 154 Street	NW 87 to 107 Avenue	New 2 Lanes
36 IV		NW 97 Avenue	NW 138 to 183 Street	2 Lanes
37 IV	Unfunded	NW 90 Street	NW 107 to 87 Avenue	New 2 Lanes

Source: Miami-Dade County Long Range Transportation Plan.

TABLE 21-4 (R) Trip Generation and Internalization Beacon County Line DRI

			0	nconsue	ineu n	nternalizat	Jon Dema	mu -	FINFE	an noui		
Reta	il		Office)		Wareho	use		ŀ	Hotel		
Land Use	e 820		Land Use	710		Land Use	150		Land	d Use 310		
350,000 S	F GLA	7	750,000 SF	GFA		4,300,000 S	F GFA		350) Rooms		
(Trips) = 0.66 Ln (1,000 SF) + 3.	4 Trips =	0.37 (1,000	SF) + 60.08	Ln (Trij	os) = 0.79 Ln (1	,000 SF) + 0.5	54	0.59 T	rips / Room		
In	Out		In	Out		In	Out		In	Out		
687	744	1	56	763		318	955		109	98	3,830	TOTAL ITE
	3%		15%				2%		2%			
	22	22	23				19		2			
2%				23%		0%		2		0%		
14		14		175		0		0		0		
	3%				-	15%						
	22			22		48						
2%							23%					
14				14			220					
	12%								31%			
	89			34					34			
9%										53%		
62				52						52		
				1%		6%						
				8	8	19						
		6%	-				1%					
		9			9		10					
				2%					2%			
			_	15		2			2			
		0%	-							0%		
		0				0				0		

Unconstrained Internalization Demand - PM Peak Hour

Ret	ail	Offi	се	Wareho	use		Hotel		
Land Us	se 820	Land U	se 710	Land Use	150	Lan	d Use 310		
350,000	SF GLA	750,000	SF GFA	4,300,000 S	F GFA	35	0 Rooms		
n (Trips) = 0.66 Ln	(1,000 SF) + 3.	4 Trips = 0.37 (1,0	00 SF) + 60.08	Ln (Trips) = 0.79 Ln (1,000 SF) + 0.54	0.59	Trips / Room		
In	Out	In	Out	In	Out	In	Out		
687	744	156	763	318	955	109	98	3,830	TOTAL ITE
									Adjustment Factors
	-22	-22			-2	-2			0%
-14			-14	0			0		
	0			0					-100%
0					0				
	-15					-15	-		-55%
-23							-23		
			-8	-8					0%
		-9			-9				
			-2			-2	-		0%
		0					0		
650	707	125	741	310	944	92	75	3,644	External Trips
	5.17%		5.77%		1.51%		19.41%	4.87%	
-10	-11	-2	-11	-5	-14	-1	-1	-1.5%	Transit/Pedestrians
-69	-69							-10%	Pass-By
-33	-33							-5%	Diverted Linked Trips
538	594	123	730	305	930	91	74	3,385	Net New External Trip
				54	164			0.85	Truck Adjustment Factor (f HV)
538	594	123	730	359	1,094	91	74	3,603	Net New External Trip adjusted for Heavy

Note: Adjustment Factor for Heavy Vehicles:

f HV = 1 / (1 + 0.35 (1.5 - 1))

as calculated from equation 21-4 in page 21-7 of the HCM 2000 *Revised April 2008*

trips are *pass-by*. However, FDOT's <u>Site Impact Handbook</u> suggests that the number of pass-by trips should not exceed 10% of the traffic passing-by on the adjacent street(s). Pass-by trips for this project are trips attracted from non-project related traffic on NW 170 Street and NW 97 Avenue. For the retail portion of this project, the rate of pass-by users is limited to 10% of the future (2015) traffic volume without project on NW 170 Street between NW 97 Avenue and HEFT. Consistent with ITE's recommendations in the *Trip Generation Handbook*, deductions for *pass-by trips* will be taken after *internal trips* are deducted. *Pass-by trips were* deducted from the total external trips. However, these were manually added to project driveways in order to properly establish the total project impacts. *Appendix 21-6 (R), Pass-by and Diverted Linked Trips Assignment* graphically portrays the assignment of these trips on the roadway network adjacent to the project.

ITE also recognizes that "diverted linked trips" are characteristic of shopping centers. ITE describes these as "trips attracted from the traffic volume on roadways within the vicinity of the generator but which require a diversion from that roadway to another roadway to gain access to the site". FDOTs Site Impact Handbook acknowledges that Diverted Trips are not new to the system overall. Diverted linked trips are already using roads in the area, but would deviate momentarily from those roads to access the Project. ITE data shows that for retail establishments approximately 350,000 square feet of gross leasable area, diverted linked trips could account for up to 21% of the retail trips. For purposes of this analysis diverted linked trips constitute 5% of the retail trips, as long as the diverted volume does not exceed 10% of the volume on the streets where the diversions come from. Diversions are limited to the Homestead Extension of the Florida Turnpike (HEFT). Diverted linked trips were deducted from the total external trips. However, these were manually added to roadways affected by those diversions, as well as to project driveways in order to properly establish the total project impacts. Appendix 21-6 (R). Pass-by and Diverted Linked Trips Assignment graphically portrays the assignment of these trips on the external roadway network.

A review of transit availability indicates that there are no existing Miami-Dade bus routes serving this area within a mile of the Project Site. The City of Hialeah Transit System offers two bus routes serving the City, which operate between 6:00 AM and 9:00 PM on weekdays. The City has expressed their commitment to extend existing transit services to the Site. It is anticipated that Miami-Dade Transit (MDT) may also extend its transit system to this area. For this analysis, the average countywide mode split of 1.5% (transit ridership) was used.

Due to the proposed warehouse component of the Project, vehicle classification counts were taken at a nearby site of a similar scale and with similar intended uses (developed by the Applicant) to identify the percent trucks generated by the Project. *Appendix 21-7 (R), Beacon Lakes Vehicle Classification Counts* shows a summary of these counts. A Heavy-Vehicle adjustment factor was calculated using the Highway Capacity Manual 2000 (HCM 2000) equation 21-4. The net new external warehouse trips were then adjusted by the inverse of this factor to obtain a passenger car equivalent, as recommended in the Highway Capacity Manual.

C. Estimate the internal/external split for the generated trips at the end of each phase of development as identified in (B) above. Use the format below and include a discussion of what aspects of the development (i.e., provision of on-site shopping and recreation facilities, on-site employment opportunities, etc.) will account for this internal/external split. Provide supporting documentation showing how splits were estimated, such as the results of the Florida Standard Urban Transportation Model Structure (FSUTMS) model application. Describe the extent to which the proposed design and land use mix will foster a more cohesive, internally supported project.

Adjustments made to the trip generation estimates obtained from ITE trip generation rates and/or equations are discussed in the previous section.

Beacon Countyline DRI is a mixed-use commercial development incorporating warehouse, retail, office and hotel uses. The relatively unique location and mixed use nature of the Project will allow some trips to be satisfied within the site. Project design will incorporate many aspects of the Hialeah Heights Plan that is being promoted by the City to encourage coordination of internal movements between land uses by vehicles as well as pedestrians, and thus reduce the impact on the external network, such as on-site continuous driveway network throughout the entire Site and sidewalks to encourage pedestrian trips within the Site. Transit amenities to support the extension of the City of Hialeah and the Miami-Dade County Transit Services will be provided. These will include, but will not be limited to, bus stops, shelters, and benches.

D. Provide a projection of total peak hour directional traffic, with the DRI, on the highway network within the study area at the end of each phase of development. If these projections are based on a validated FSUTMS, state the source, date and network of the model and of the TAZ projections. If no standard model is available or some other model or procedure is used, describe it in detail and include documentation showing its validity. Describe the procedure used to estimate and distribute traffic with full DRI development in subzones at buildout and at interim phase-end years. These assignments may reflect the effects of any new road or improvements which are programmed in adopted capital improvements programs and/or comprehensive plans to be constructed during DRI construction; however, the inclusion of such roads should be clearly specified. Show these link projections on maps or tables of the study area network, one map or table for each phase-end year. Describe how these conclusions were reached.

Average Daily Traffic (ADT) counts published by FDOT, Miami-Dade and Broward Counties were reviewed to determine historic growth in traffic volumes along the roadway links within the study area. It was agreed during methodology discussions that different growth rates would be calculated for the surface streets, HEFT, I-75 and SR 826. Because of the different land use characteristics between the portions of the study area in Miami-Dade and Broward Counties, different growth rates were also calculated for each of these areas.

Background growth rate calculations are based on a five-year historical trend analysis of all roadways, except for the Homestead Extension of the Florida Turnpike (HEFT). A review of the traffic model projected volumes for this facility confirms that the high rate of traffic growth experienced in the last five years cannot be sustained over the next 10 years.

A 10 year trend analysis was performed at the only permanent count station on HEFT in the study area (at Okeechobee Plaza). The results show that during this time period, the facility grew 6% annually. However, zdata forecasts obtained from the 2000 and 2030 Modified MPO's Adopted Long Range Transportation Plan FSUTMS model for this area of Miami-Dade County show that population is anticipated to grow annually at a rate of 1.1%, while employment is anticipated to grow at an annual rate of 1.8%. Furthermore, traffic volumes obtained from the FSUTMS model adjusted by the Turnpike Enterprise and used for the distribution of Project traffic shows that HEFT is forecasted to grow at an average rate of 2.3% per year between 2012 and 2032.

The 6% background growth rate based on the 10 year growth trend analysis is used in the analysis as the base for predicting future traffic conditions on HEFT. The result is a gross overestimation of future needs of this facility. The existing 6-lane facility between NW 106 Street and NW 74 Street might need to be widened to 12 lanes for future (2018) conditions. An alternate analysis of HEFT is provided in *Appendix 21-8 (R), Alternate HEFT Analysis*, showing growth consistent with the FSUTMS model projections for this facility. Future (2018) conditions will likely warrant improvements to HEFT to a total of 10 lanes along the sections mentioned above.

Calculations are provided in *Appendix 21-9(R), Background Growth Rate Calculations*. The following growth rates were determined for the study area:

Background Growth Rates Beacon Countyline DRI

HEFT	6.0%
I-75	2.3%
SR 826	1.4%
Miami-Dade County surface streets	0.6%

Historic increases in traffic comprise a number of components, including existing development traffic, normal changes in traffic volumes due to motorist travel behavior, and traffic generated by new development. The proposed analysis would specifically account for committed development projects. Therefore, it is anticipated that the compounded background traffic growth rate (excluding committed developments) will constitute half of the historic growth rate, in addition to committed developments in the area.

In consultation with the South Florida Regional Planning Council and local governments within the study area, a list of committed developments has been compiled. Consistent with guidelines pertaining to DRIs, all approved projects anticipated to generate 400 pm peak hour trips are considered committed in this study. *Table 21-5, Committed Developments*, provides a summary of developments and the pm peak hour trips

TABLE 21-5 Committed Developments Trip Generation Beacon Countyline DRI

Development	Land Use	PM Peak Hour	Trip Generation*
		In	Out
East Miramar Areawide DRI (1)	Retail	1,980	4,021
	Office		
	Industrial		
	Single Family		
	Multi Family		
	Hotel		
FEC Park of Commerce DRI (2)	Warehouse	689	1,276
	Office		
	Retail		
	Hotel		
Country Lakes West DRI (3)	Trips	814	2,318
	Retail		
	Lt Industrial		
	Office		
	Hotel		
	Single Family		
	Multi Family		
Blue Grass Lakes (4)	Single Family	528	475
	Retail		
Dunwoody Estates (5)		417	205
	Residential/ Commercial		
Graham Vested Development East (5)	Mixed Use	753	371
Graham Vested Development West (5)	Mixed Use	1,761	867
Doral Place (6)	Residential	373	188
Islands of Doral (6)	Residential	988	486

* PM Peak Hour trip generation for the approved unbuilt portion of the development.

(1) October 16, 2006 Annual Report. The largest portion of this site is located north of Miramar Parkway (outside the study area). Only 1/2 of the trip generation of the remaining development was used for this analysis

(2) October 4, 2006 Annual Report.

(3) November 1, 2005 Annual Report.

(4) The originally approved Blue Grass Lakes DRI was abandoned and an amended Development Order dated 11/7/01 amended the uses to those reflected in this table.

(5) Town of Miami Lakes, January 2006, Concurrency Management Report,

(6) City of Doral Website.

associated with each development. *Appendix 21-10 (R), Committed Developments Documentation* provides additional information including the location, proposed land uses and sizes, trip generation and the source of the information for each committed development included in this study. When available, trip generation and external trip distribution for committed developments were obtained from traffic studies prepared during their approval process.

For other developments, trip generation was obtained from the local municipality or it was performed using ITE rates and/or equations for the proposed land uses. For the developments listed in the Town of Miami Lakes, the trips estimated in their January 2006 Concurrency Management Report were used for this analysis. Committed development trips were assigned to the roadway network using either distributions from traffic studies, annual reports, or the appropriate cardinal distribution from the long range plan update published by Miami-Dade Metropolitan Planning Organization. Trip distributions for each committed development are also provided in *Appendix 21-10(R), Committed Developments Documentation*. Link analysis of future traffic conditions without the Project for the study area is provided in *Table 21-6 (R), Future Background and Committed Developments Traffic*. Intersection capacity analyses worksheets for this scenario are provided in *Appendix 21-3 (R), HCS Analysis*.

E. Assign the trips generated by this development as shown in (B) and (C) above and show, on separate maps or tables for each phase-end year, the DRI traffic on each link of the then-existing network within the study area. Include peak-hour directional trips. If location data is available, compare average trip lengths by purpose for the project and local jurisdiction. For the year of buildout and at the end of each phase estimate the percent impact, in terms of peak hour directional DRI trips/total peak hour directional trips and in terms of peak hour directional DRI trips/existing peak hour service volume for desired LOS, on each regionally significant roadway in the study area. Identify facility type, number of lanes, and projected signal locations for the regionally significant roads.

The trip distribution and traffic assignment for the Project is based on a select-zone run using the Modified MPO's Adopted Long Range Transportation Plan FSUTMS model for Miami-Dade County with adjustments made by the Turnpike Enterprise for validation purposes. The Turnpike Enterprise has performed extensive up-to-date validation of the Miami Dade approved transportation model to accurately reflect existing volumes on this facility as well as on the surface streets in this area. This model extends HEFT into Broward County within the study area. Model outputs have been provided in *Appendix 21-11 (R), Model Outputs*.

The Site is in Miami-Dade County's Traffic Analysis Zone (TAZ) 7. The socio-economic data for TAZ 7 was adjusted to reflect Project traffic. Additionally, the subject data was interpolated to reflect the Project's buildout year (2018). The model's roadway network was also reviewed to verify that only committed roadway improvements were included.

The Project traffic assignment was obtained by tracking daily Project traffic via a selectzone analysis and converting it into a Project trip percent distribution. ITE pm peak hour

			TAE	TABLE 21-6 (R	;(R)						
	Futur	re Traffic Conditions without Project- (weekday, one-way, PM peak) Beacon Countyline DRI	ins withou Beaco	ut Projec n County	without Project - (week Beacon Countyline DRI	day, one-wa)	, РМ р	eak)			
Roadway	From	nits To	Directi Dire on of	Directional # of Lanes	Roadway Tvpe	Municipality	LOS STD	Volume (2018)	Service Volume	VSV	Meets LOS STD?
Palmetto Expressway	Red Road/NW 57 Av	NW 67 Av/Ludlam Rd		مە	FIHS	Miami Lakes	۵	8,172 6.605	5,410	1.51	N N
(070 40)	NW 67 Av/Ludlam Rd	Miami Lakes Drive		קק	FIHS	Miami Lakes	۵	8,840	5,410 5,410	1.63	2 o z
	Miami Lakes Drive	I-75	'n	ם ם ו	FIHS	Miami Lakes	D	7,147 9,062	5,410 5,410	1.32	2 2 :
	I-75	W 68 St/NW 122 Street	SB NB A H H H H H	3 LD	FIHS	Hialeah	۵	7,094 10,519	5,410 7,380 2.000	1.31	o o z
	W 68 St/NW 122 Street	W 49 Street/NW 103 St		ם ם ו	FIHS	Hialeah	۵	8,370 10,905	7,380 7,380	1.13	o o z z
	W 49 Street/NW 103 St	Okeechobee Rd/US 27		99	FIHS	Hialeah/Hialeah	۵	8,677 11,263	7,380 9,340	1.18	o o z
	Okeechobee Rd/US 27	NW 74 Street			FIHS	Medley	۵	8,962 11,770 9.449	9,340 9,340 9,340	0.96 1.26	No Solo
NW 87 Avenue / West	Miami Gardens Drive	NW 170 Street		Э Э Э О	Collector	Miami-Dade	۵	487 760	9,340 1,620	0.30	Yes
anilaxy or	NW 170 Street	Miami Lakes Drive		2LD (1)	Collector	Miami Lakes	۵	53	1,620	0.03	Yes
	Miami Lakes Drive	I-75		2LD (1) 2 LD	Collector	Miami Lakes	۵	108 1,203	1,620 1,620	0.07	Yes Yes
1-75	Miramar Parkway	HEFT		2 LD	FIHS	Miramar	۵	905 10,142	1,620 7,480	0.56 1.36	No S
	HEFT	NW 186 Street		4 LD	FIHS	Miami-Dade	۵	9,371 9,098	7,480 7,380	1.25	°z ≥∶
	NW 186 Street	NW 138 Street		4 LD 4 LD	FIHS	Miami	۵	8,439 8,867	7,380 7,380	1.14 1.20	o z
	NW 138 Street	SR 826	SB EB 4 L		FIHS	Miami	۵	7,838 6,894	7,380 NA (3)	1.06 NA (3)	No Yes (3)
NW 97 Avenue	NW 170 Street	NW 154 Street		(3) - D- D-	ΝA	Hialeah	۵	7,391 139	NA (3) 1,620	NA (3) 0.09	Yes (3) Yes
	NW 154 Street	NW 138 Street		2LD (2) 2LD (1)	ΝA	Hialeah	۵	170	1,620 1,620	0.11 0.09	Yes Yes
	NW 138 Street	W 68 Street		с С Г	Collector	Hialeah/Hialeah	D	170 264	1,620 760	0.11 0.35	Yes Yes
NW 107 Avenue	NW 166 Street	NW 162 Street		1 L (2)	Collector	Hialeah/Hialeah	۵	00	760	0.00	Yes
	NW 162 Street	NW 154 Street		L (2)	Collector	Hialeah/Hialeah	۵	00	760	0.00	Yes
	NW 154 Street	NW 138 Street		1 L (2) 1 L (2)	Collector	Hialeah/Hialeah	۵	0 124	760 760	0.00 0.16	Yes Yes
	NW 138 Street	Okeechobee Rd/US 27	00	С С С С С С С С С С С С С С С С С С С	Collector	Gardens Hialeah Gardens	۵	471 471	760 1,620	0.16 0.29	Yes Yes
HEFT	NW 57 Av (Red Road)	I-75		Ê	FIHS	Miramar	۵	348 4,717	1,620 3,580	0.21 1.32	Yes No
	I-75	NW 170 Street		99	FIHS	Miami-Dade	۵	3,475 8,393	3,580 5,530	0.97 1.52	Yes No
	NW 170 Street	Okeechobee Rd/US 27		3 LD	FIHS	Miami-	۵	6,073 8,352	5,530 5,530 1,530	1.10 1.51	° 2 Z Z
	Okeechobee Rd/US 27	NW 106 Street		י ף ר	FIHS	Dade/Tialean Miami-	۵	0,069 9,069	5,530 1,530	1.64	2°2
	NW 106 Street	NW 74 Street		קק	FIHS	Dade/Ivlediey Miami-Dade	۵	9,677 9,677	5,530 5,530	1.75	o o o
Notes: (1) Committed Roadway Improvement.	/ Improvement.	 Project related Improvement. 			(3) See HCS+ ¿	See HCS+ analysis provided in Appendix 21-3.	Appendi	(21-3.	0000	67.1	0
Revised April 2008								Source:	Source: David Plummer and Associates, Inc.	ler and Asso	ociates, Inc.

				TABLE 21_6 / D	6 (D)						
	Futur	ure Traffic Conditions		without Project - (we Beacon Countyline DRI	ect - (week tyline DRI	, (weekday, one-way, PM peak) , <i>DRI</i>	y, PM p	oeak)			
Roadway	From	mits To	Directi on	Directional # of Lanes	Roadway Tvne	Municipality	STD STD	Volume (2018)	Service Volume	VSV	Meets LOS STD?
Miami Gardens Drive	1-75	NW 87 Avenue		2 LD	State Minor	Miami-Dade	SUMA	2,538	1,800	1.41	No
(NW 186 Street)	NIM 07 AV000			2 2	Arterial State Minor	MinmilDado	CLIMA	1,085	1,800	0.60	Yes
			NB BN	2 LD	Arterial			926	1,800	0.51	Yes
	NW 77 Avenue	NW 67 Avenue		2 LD	State Minor	Miami-Dade	SUMA	2,159	1,800	1.20	o Z S
	NW 67 Avenue	NW 57 Avenue (Red Rd)		2 C	State Minor	Miami-Dade	뀌	1,01,1,945	1,800	0.93 1.08	No
NIM 170 Street	ЦССТ	NIM 07 Avenue	NB B	2 LD 21 D (2)	Collector	Miami-	٢	1,556 207	1,800	0.86	Yes
				2LD (2)		Dade/Hialeah	د	293 293	1,620	0.18	Yes
	NW 97 Avenue	I-75		1 L (2)	Collector	Miami-	۵	231	798	0.29	Yes
	1-75	NW 87 Avenue	D D D	1 L (z)	Collector	Miami-	D	286	760	0.38	Yes
	NW 87 Avenue	NW 77 Avenue		 	Collector	Miami-	۵	241 635	760 760	0.32 0.84	Yes Yes
				- L - 2	(ſ	564	760	0.74	Yes
	NW 77 Avenue	NW 67 Avenue	NB NB	 	Collector	Miami-	ם	461 478	760	0.61 0.63	Yes Yes
NW 138 Street	Okeechobee Rd/US 27	NW 107 Avenue	EB	2LD	Collector	Hialeah/Hialeah	D	574	1,620	0.35	Yes
	NW 107 Avenue	NW 97 Avenue	EB B		Collector	Hialeah/Hialeah	۵	408 538	1,620 1,620	0.33 0.33	Yes Yes
			WB		:		ſ	377	1,620	0.23	Yes
	NW 97 Avenue	Beacon Station Blvd	AB VB	2LD (1)	Collector	Hialeah	۵	665 645	1,620 1.620	0.41	Yes Yes
NW 130 Street	NW 97 Av	Beacon Station Blvd		5FD (1)	County Minor	Hialeah	۵	399	1,620	0.25	Yes
	Beacon Station Blvd	NW 87 Av	EB 0		County Minor	Hialeah	۵	584	760	0.77	Yes
	NW 87 AV	W of SR 826	WB B B		Arterial County Minor	Hialeah	C	645 425	760	0.85	Yes Yes
			NB BN)	503	760	0.66	Yes
Okeechobee Rd/US 27	West	HEFT	NWB	2 LD	FIHS	Hialeah Gardens	υ	1,393	2,500	0.56	Yes
	HEFT	NW 138 Street	NWB	а Г С	FIHS	Hialeah/Hialeah	۵	1,361	2,790	0.49	Yes
	NW 138 Street	Beacon Station Blvd	SEB NWB		FIHS	Gardens Hialeah Gardens		1,204 1.311	2,790	0.43 0.47	Yes Yes
			SEB	а С Г С	2		נ	1,105	2,790	0.40	Yes
	Beacon Station Blvd	NW 87 Avenue	NWB	3 LD	FIHS	Hialeah Gardens	D	2,241 1 006	2,790	0.80	Yes Vec
	NW 87 Avenue	SR 826	NWB	а С С С	FIHS	Hialeah Gardens	۵	2,449	2,790	0.88	Yes
	SR 826	NW 74 St	SEB NWB	a LD a CD	State Principal	Hialeah	E + 20%	2,184 3,133	2,790 3.348	0.78 0.94	Yes Yes
			SEB	3 LD	Arterial			2,239	3,348	0.67	Yes
West Okeechobee Rd / Frontage Road	US 27/NW 138 Street	NW 107 Avenue	NWB		Collector	Hialeah Gardens	۵	396 531	760 760	0.52	Yes Yes
000	NW 107 Avenue	Hialeah Gardens Blvd	NWB	. – I - – -	Collector	Hialeah Gardens	۵	489	760	0.64	Yes
	Hialeah Gardens Blvd	NW 87 Avenue	SEB NWB		Collector	Hialeah Gardens	۵	245 272	760 760	0.32 0.36	Yes Yes
			SEB	. . .				291	760	0.38	Yes
	NW 87 Avenue	NW 77 Avenue	NWB SFB		Collector	Hialeah Gardens	۵	766 349	760 760	1.01 0.46	No Yes
Gratigny Expressway	SR 826	Red Road/W 4 Av	EB	л с с	FIHS	Hialeah/Miami	۵	3,287	5,410	0.61	Yes
W 68 Street/NW 122	Okeechobee Road	NW 97 Avenue	EB 8	۵ ר ך ۲ ר	Collector	Lakes Hialeah Gardens	۵	2,97U 327	5,410 608	0.54	Yes
Street	0100102 010010		WB	 - 7	County Minor	Holoid	C	237	608	0.39	Yes
	AURACIA NU	AN 07 AN / AN / 0 ANN	AB AB	 	Arterial		כ	500 611	608 608	1.01	No
	NW 87 Av / W 28 Av	SR 826	EB WB	2 LD 2 LD	County Minor Arterial	Hialeah	۵	1,385 1,666	1,620 1,620	0.86 1.03	Yes No
Notes: (1) Committed Roadway	/ Improvement	(2) Project related Improvement	ament		(3) See HCS+	See HCS+ analysis provided in Appendix 21-3.	n Appendi	× 21-3			
(2) Project related Improvement.	vement.					- \	:				
Revised April 2008	vised April 2008							Source	Source: David Plummer and Associates, Inc.	ier and Ass	ociates, Inc.

trip generation was applied to the trip distribution to obtain the pm peak hour Project assignment. Assigned pm peak hour Project trips reflect at least 99% of the net new external trips obtained from the adjusted trip generation as described in sections above.

For Project traffic traveling north on I-75 into Broward County, a ratio was taken between existing mainline traffic volume and the volume on the off ramps. This percentage was applied to Project traffic traveling on the I-75 the mainline north of the HEFT junction to determine how much Project traffic will leave and/or enter I-75 at the Miramar Parkway interchange in Broward County. This analysis is provided in *Appendix 21-12 (R), Broward County Project Trip Assignment*.

The distribution of Project traffic on the regionally significant roadways analyzed in this study is shown in *Table 21-7 (R), Project Traffic Assignment*. As requested, the percent impact was calculated as a percentage of total DRI traffic and as a percentage of existing service volumes. In addition, Project traffic on all the regionally significant roadways in the study area is provided in *Appendix 21-13 (R), Project Consumption Calculations*. The purpose of this data is to show the level of significance Project traffic represents on all the regionally significant roadways in the study area.

Table 21-8 (R), Total Traffic Conditions with Project, shows total traffic on the regionally significant roadways with the Project. Intersection Capacity Analyses for total traffic conditions are provided in **Appendix 21-3 (R), HCS Analysis.** The results are summarized in **Table 21-9 (R), Intersection and Ramp Analysis Results**.

In preparation for development order conditions, it is necessary to establish how much Project development can be supported before the interchange is needed at the HEFT/NW 170 Street. A sensitivity analysis was prepared and is included in *Appendix* **21-14** (*R*), *Sensitivity Analysis*. This sensitivity analysis was done to determine how much Project development can be supported by the existing and committed surface street network prior to the need for the interchange.

Table 21-7 (R), Project Traffic Assignment shows that at Projects buildout with the proposed interchange, 2,048 two-way pm peak hour project trips will use NW 107 Avenue and NW 97 Avenue south of NW 154 Street. A reduced development program was then established that would not exceed this limit. The transportation model was run to reflect this reduced program. The roadway network was adjusted to reflect conditions without the interchange. In addition, the Applicant has agreed not to fund the construction of the extension of NW 170 Street east of NW 97 Avenue until the interchange is completed. This section of roadway was also not included in the model run. Model runs for this scenario are *Appendix 21-14 (R), Sensitivity Analysis*. Based on this modeling effort, a Project distribution was obtained.

Roadway analysis of future traffic conditions for this scenario of the regionally significant roadways in the study was performed and included in this appendix. Project volumes for this reduced development program accessing NW 107 Avenue and NW 97 Avenue south of NW 154 Street are highlighted and do not exceed 2,048 two-way pm peak hour project trips. *Appendix 21-14 (R), Sensitivity Analysis* provides a more detailed description of the sensitivy analysis.

matrix matrix <th colspa="</th"><th></th><th>Limi From Road/NW 57 Av 57 Av/Ludlam Rd imi Lakes Drive 1-75 St/NW 122 Street 1-75 Street/NW 103 St chobee Rd/US 27 ni Gardens Drive iW 170 Street ami Lakes Drive ami Lakes Drive</th><th>To NW 67 Av/Ludlam Rd Miami Lakes Drive I-75 W 68 SVNW 122 Street W 49 Street/NW 103 St Okeechobee Rd/US 27 NW 74 Street NW 170 Street</th><th>Beacor Directi Directi NB NB SB SB</th><th>1 Countyline Directional #</th><th>e DRI</th><th>ſ</th><th></th><th>Ż</th><th>et New Exte</th><th>rnal Project</th><th></th></th>	<th></th> <th>Limi From Road/NW 57 Av 57 Av/Ludlam Rd imi Lakes Drive 1-75 St/NW 122 Street 1-75 Street/NW 103 St chobee Rd/US 27 ni Gardens Drive iW 170 Street ami Lakes Drive ami Lakes Drive</th> <th>To NW 67 Av/Ludlam Rd Miami Lakes Drive I-75 W 68 SVNW 122 Street W 49 Street/NW 103 St Okeechobee Rd/US 27 NW 74 Street NW 170 Street</th> <th>Beacor Directi Directi NB NB SB SB</th> <th>1 Countyline Directional #</th> <th>e DRI</th> <th>ſ</th> <th></th> <th>Ż</th> <th>et New Exte</th> <th>rnal Project</th> <th></th>		Limi From Road/NW 57 Av 57 Av/Ludlam Rd imi Lakes Drive 1-75 St/NW 122 Street 1-75 Street/NW 103 St chobee Rd/US 27 ni Gardens Drive iW 170 Street ami Lakes Drive ami Lakes Drive	To NW 67 Av/Ludlam Rd Miami Lakes Drive I-75 W 68 SVNW 122 Street W 49 Street/NW 103 St Okeechobee Rd/US 27 NW 74 Street NW 170 Street	Beacor Directi Directi NB NB SB SB	1 Countyline Directional #	e DRI	ſ		Ż	et New Exte	rnal Project	
Image: matrix part of the part		Limi From 67 Av/Ludlam Rd mi Lakes Drive 1-75 Street NW 122 Street Street NW 103 St chobee Rd/US 27 mi Gardens Drive W 170 Street ami Lakes Drive ami Lakes Drive	To NW 67 Av/Ludlam Rd Miami Lakes Drive I-75 W 68 St/NW 122 Street W 49 Street/NW 103 St Okeechobee Rd/US 27 NW 74 Street NW 170 Street		Directional #					et New Exte	rnal Project		
runn To		From Road/NW 57 Av 67 Av/Ludlam Rd imi Lakes Drive 1-75 Street NW 122 Street Street NW 103 St chobee Rd/US 27 ini Gardens Drive W 170 Street ami Lakes Drive ami Lakes Drive	To NW 67 Av/Ludlam Rd Miami Lakes Drive I-75 W 68 St/NW 122 Street W 49 Street/NW 103 St Okeechobee Rd/US 27 NW 74 Street NW 170 Street			Roadway	ros	Service -		Ē		Traffic	
Red fract/with NW of 7 Arutualian Rd Red 2 440 7 470 2 440 7 470 2 440 7 470 7		Road/NW 57 Av 37 Av/Ludlam Rd imi Lakes Drive I-75 St/NW 122 Street Street/NW 103 St Street/NW 103 St chobee Rd/US 27 in Gardens Drive W 170 Street ami Lakes Drive ami Lakes Drive	NW 67 Av/Ludlam Rd Miami Lakes Drive 1-75 W 68 St/NW 122 Street W 49 Street/NW 103 St Okeechobee Rd/US 27 NW 74 Street NW 170 Street	EB VB SWB SWB SB SB SB	of Lanes	Type	STD	Volume		% Project	% Col One-Way	isumption Two-Way	
WW F7 Av1Luffan Rd Mami Lakee Drive NGB 3.10 FHS D 5.410 9.7 3.60% 1.7% 1.75 WG S NWW 122 Street 1.75 WG S NWW 122 Street WG S NWW 122 Street 1.73 2.610 2.730 2.730 2.730 1.78 1.75 WG S SNWW 122 Street WH 4.10 FHS D 7.300 2.730 2.9156 1.78 W 68 SNWW 122 Street WH 3.10 FHS D 7.300 2.915 1.78 W 68 SNWW 122 Street WH 3.10 FHS D 7.300 2.95 2.956 2.956 MmI claster Drive WH 1.75 Collector D 2.300 2.956 2.956 2.956 2.956 MmI claster Drive WH 1.75 D 2.300 2.956 2.956 2.956 2.956 MmI claster Drive WH 1.75 D 2.9166 2.9156 2.9156 2.9166 2		37 Av/Ludlam Rd Imi Lakes Drive I-75 St/NW 122 Street Street/NW 103 St chobee Rd/US 27 ni Gardens Drive IW 170 Street ami Lakes Drive ama Parkway	Miami Lakes Drive I-75 W 68 St/NW 122 Street W 49 Street/NW 103 St Okeechobee Rd/US 27 NW 74 Street NW 170 Street	NEB SWB SWB SWB SWB SB SB SB SB SB SB SB SB SB SB SB SB SB	3 LD	FIHS	۵	5,410	156 60	6.24%	2.9%	2.1%	
Mem Lakes Drive 1.7 NM 3.10 FHS D 5.410 5.108 1.75 1.75 W 68 SNW 122 Street W 88 StreetNW 103 St W 88 StreetNW 103 St W 88 StreetNW 103 St W 88 StreetNW 102 Street W 49 StreetNW 103 St W 40 StreetNW 103 St M 411 St H 412 St H 413 St		imi Lakes Drive I-75 St/NW 122 Street Street/NW 103 St chobee Rd/US 27 ini Gardens Drive W 170 Street ami Lakes Drive ramar Parkway	I-75 W 68 St/NW 122 Street W 49 Street/NW 103 St Okeechobee Rd/US 27 NW 74 Street NW 170 Street	SWB SB SB	2 C C	FIHS	۵	5,410	6 6 6 7 6 7 6	3.66%	1.7%	1.2%	
1.7 Wet BS/NW 1/2 Street BB 3.10 FHS D 7.300 7.22 0.105% 1.7% Wet BS/NW 1/2 Street Wet BS/NW 1/2 Street Wet BS/NW 1/2 Street BB 4.10 FHS D 7.300 7.23 0.15% 7.3% Wet BS/NW 1/2 Street Wet BS/NW 1/2 Street Wet BS/NW 1/2 Street BB 5.10 FHS D 7.300 7.23 0.15% 7.3%		I-75 St/NW 122 Street Street/NW 103 St chobee Rd/US 27 ini Gardens Drive W 170 Street ami Lakes Drive ramar Parkway	W 68 St/NW 122 Street W 49 Street/NW 103 St Okeechobee Rd/US 27 NW 74 Street NW 170 Street	SB	3 LD 3 LD	FIHS	۵	5,410 5,410	41 92	5.10%	0.8% 1.7%	1.7%	
Weig Shrwin 12 Street Stre		St/NW 122 Street Street/NW 103 St chobee Rd/US 27 ni Gardens Drive IW 170 Street ami Lakes Drive ramar Parkway	W 49 Street/NW 103 St Okeechobee Rd/US 27 NW 74 Street NW 170 Street	ßB	3 LD 4 LD	FIHS	۵	5,410 7,380	92 122	10.96%	1.7% 1.7%	2.7%	
W 49 Sreen/W 103 St Ckeechobe RdUS Z7 NW 74 Street NM 75 Street 2.20 Collector D 9.30 2.28 7.53 2.39 2.20 Mami Gardens Drive NW 170 Street NM 770 Street NM 770 Street NM 770 Street 2.00 <td></td> <td>Street/NW 103 St chobee Rd/US 27 ni Gardens Drive W 170 Street ami Lakes Drive amar Parkway</td> <td>Okeechobee Rd/US 27 NW 74 Street NW 170 Street</td> <td>R SB</td> <td>4 4 LD</td> <td>FIHS</td> <td>۵</td> <td>7,380 7,380</td> <td>273 102</td> <td>9.15%</td> <td>3.7% 1.4%</td> <td>2.2%</td>		Street/NW 103 St chobee Rd/US 27 ni Gardens Drive W 170 Street ami Lakes Drive amar Parkway	Okeechobee Rd/US 27 NW 74 Street NW 170 Street	R SB	4 4 LD	FIHS	۵	7,380 7,380	273 102	9.15%	3.7% 1.4%	2.2%	
Oeeerobose RdUS 27 WV 74 Street NS 51D FHS D 9.340 910 8.19% 7.0% Mam1 Gardens Drive NW 170 Street NS 5.10 Collector D 9.340 2.2% 2.2% Mam1 Gardens Drive NW 170 Street NM 1.75 S 2.10 Collector D 9.340 2.9% 2.4% Mam1 Lakes Drive 1.75 NB 2.10 Collector D 1.620 3 0.00% 0.0% Mann Lakes Drive 1.75 NB 2.10 Collector D 1.620 3 0.00% 0.0% Miann Lakes Drive NV 186 Street NV 1.6 1.620 3 0.00% 0.0% Miann Lakes Street NV 138 Street NV 1.6 1.620 3 0.00% 0.0% Miann Lakes Street NV 164 Street NV 1.6 0 0 0.00% 0.0% NV 170 Street NV 1.8 1.10 1.410		chobee Rd/US 27 ni Gardens Drive IW 170 Street ami Lakes Drive ramar Parkway	NW 74 Street NW 170 Street	B B	5 LD	FIHS	۵	7,380 9,340	228 85	7.63%	3.1% 0.9%	1.5%	
Manu Garchens Drive Nu 170 Street NU 170 Street		ni Gardens Drive IW 170 Street ami Lakes Drive ramar Parkway	NW 170 Street	S B	5 LD	FIHS	۵	9,340 9,340	190 91	8.18%	2.0% 1.0%	1.6%	
NW 170 Street Mami Lakes Drive SB ZLD Collector D 1720 0 0.00% 0.00% Miami Lakes Drive 1-75 NB ZLD Collector D 1420 0 0.00% 0.00% Miami Lakes Drive 1-75 NB ZLD Collector D 1420 0 0.00% 0.00% Miamar Parkway HEFT NN 186 Street NN 186 Street NN 186 Street NN 138 Street 2.0 0.00% 0.00% 0.00% NW 136 Street NW 138 Street NN 138 Street NN 138 Street NN 137 2.0 0 0.00% 0.00% 0.00% 0.00% NW 138 Street NN 154 Street NN 154 Street NN 154 Street NN 156 1.1 Collector D 7.300 0 0.00% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0		IW 170 Street ami Lakes Drive ramar Parkway		B B	5 LD 2LD	Collector	۵	9,340 1,620	204 72	2.88%	2.2% 4.4%	3.2%	
Manni Lakes Drive Marmi Lakes Drive 1-75 NB 2.LD Collector D 1520 0 0.0% 0.0% Marmi Lakes Drive 1-75 NB 2.LD Collector D 1620 0 0.0% 0.0% Marmi Lakes Drive HEFT NW 186 Street NW 185 4.LD FHS D 7,400 30 0.00% 0.0% NW 186 Street NW 186 Street NW 138 Street NM 11 D 7,380 0 0.00% 0.0% NW 186 Street NW 138 Street NW 138 Street NW 145 Street NM 11 D 7,380 0 0.00% 0.0% NW 186 Street NW 138 Street NW 138 Street NM 11 Collector D 7,380 9 3.0.3% 0.0% 0.0% NW 170 Street NW 138 Street NW 138 Street NM 11 Collector D 7,380 9 3.0.3% 0.0.3% 0.0.3% 0.0.3% 0.0.3% 0.0.3%	Miar	ımi Lakes Drive ramar Parkway	Miami Lakes Drive	R SB	2LD 2LD	Collector	۵	1,620 1,620	32 0	0.00%	2.0% 0.0%	0.0%	
Miramar Parkway HET NB 2 LD FHS D 7,480 T D 7,480 T D 2,0% HET NW 186 Street NW 186 Street NW 186 Street NB 4 LD FHS D 7,480 2 0.0% 0.0% 0.0% NW 186 Street NW 186 Street NW 138 Street NW 138 Street NM 158 Street NM 158 Street NM 158 Street 200 0.00% 0.0%		ramar Parkway	I-75	S B B B	2LD 2 LD	Collector	۵	1,620 1,620	0 ო	0.28%	0.0% 0.2%	0.3%	
HET NW 166 Street SB 4 LD FHN D 7,460 0.60 0.00% 0.00			HEFT	S B NB	4 LD	FIHS	۵	1,620 7,480	7 328	13.15%	0.4% 4.4%	3.2%	
NW 166 Street NW 138 Street SB 4 LD FIHS D 7380 3 0.25% 0.0% NW 138 Street SR 826 SB 4 LD FIHS D 7,380 3 0.25% 0.0% NW 138 Street SR 826 SB 4 LD FIHS D NA(1) 33 0.1% NW 138 Street SR 826 SB 2LD NA D 1,620 225 17,67% 13.9% NW 154 Street NW 154 Street NB 1 L Collector D 760 13 1,19% 1.767% 25.9% NW 165 Street NB 1 L Collector D 760 13 1,19% 1.767% 25.9% NW 165 Street NW 165 Street NB 1 L Collector D 760 13 1,19% 1.767% 25.9% NW 165 Street NM 154 Street NB 1 L Collector D 760 13 1,19% 1.767% 25.9%		HEFT	NW 186 Street	8 8	4 LD 4 LD	FIHS	۵	7,480 7,380	146 0	0.00%	2.0% 0.0%	0.0%	
NW 138 Street SR 826 EB 4 LD FHS D NA(1) 770 30.87% (1) NW 178 Street WR 170 Street WR 4 LD NA 770 30.87% (1) NW 170 Street WR 170 Street WR 4 LD NA 770 30.87% (1) NW 176 Street WR 154 Street NB 2 LD NA D 1,620 225 17.57% 13.9% 21.9% NW 166 Street NB 1 L Collector D 760 33 35.4% 55.2% 39% NW 166 Street NB 1 L Collector D 760 33 30% 55.2% NW 166 Street NB 1 L Collector D 760 33 30% 30% NW 166 Street NB 1 L Collector D 760 23 30% 30% NW 166 Street NB 1 L Collector D 760 23 30% <	Ž	IW 186 Street	NW 138 Street	R SB	4 LD 4 LD	FIHS	۵	7,380 7,380	0 რ	0.25%	0.0% 0.0%	0.1%	
NW 170 Street WB 4 LD NA (1) 343 (1) NW 170 Street NW 154 Street NB 2 LD NA D 1,620 255 17,67% 13,9% NW 154 Street NB 2 LD NA D 1,620 398 35.84% 25.4% 25.4% 25.4% 25.4% 25.4% 25.4% 25.4% 25.4% 25.4% 25.4% 25.4% 25.4% 25.4% 25.4% 25.2% 25.4% 25.2% 25.4% 25.2% 25.4% 25.2% 25.4% 25.2% 25.2% 25.4% 25.2%<	Ž	IW 138 Street	SR 826	SB EB	4 LD 4 LD	FIHS	۵	7,380 NA (1)	6 770	30.87%	0.1% (1)	(1)	
NW 154 Street NW 138 Street SE ZLD NA D 1,620 412 Z.5,4% Z.4.% NW 154 Street NW 138 Street NB 1/L Collector D 1,620 398 35.84% 55.2% 55.2% NW 156 Street NB 1/L Collector D 760 13 1,19% 1,7% 55.2% NW 166 Street NB 1/L Collector D 760 13 1,19% 1,7% 3.7% NW 165 Street NB 1/L Collector D 760 733 20.97% 68.8% NW 154 Street NB 1/L Collector D 760 523 20.97% 68.8% NW 155 Street NW 138 Street NB 1/L Collector D 760 523 20.97% 68.8% NW 155 Street NB 1/L Collector D 760 523 20.97% 68.8% NW 155 Street NB 1/L		W 170 Street	NW 154 Street	NB NB	4 LD	AN	۵	NA (1) 1.620	343 225	17.67%	(1) 13.9%	19.7%	
NW 138 Street We 88 Street NB 11 Collector D 760 13 1,19% 1,7% NW 168 Street We 88 Street NB 11 Collector D 760 13 1,19% 1,7% NW 166 Street NB 11 Collector D 760 13 1,19% 1,7% NW 165 Street NB 11 Collector D 760 174 22.9% NW 162 Street NB 11 Collector D 760 233 20.97% 30.7% NW 154 Street NB 11 Collector D 760 233 20.97% 30.7% NW 154 Street NW 138 Street NB 11 Collector D 760 233 20.97% 30.7% NW 154 Street NS 11 Collector D 760 233 20.97% 30.7% NW 158 Street NS 21 Collector D 760 23.8% 41.8		WV 154 Street	NWV 138 Street	S B	2LD	NA		1,620	412 308	35 84%	25.4% 24.6%	30 9%	
NW 138 Street W 68 Street NB 1.L Collector D 760 13 1.1% 2.29% NW 166 Street NW 165 Street NB 1.L Collector D 760 13 1.1% 2.29% NW 165 Street NW 154 Street NB 1.L Collector D 760 174 22.9% 30.7% NW 152 Street NW 154 Street NB 1.L Collector D 760 174 22.9% 30.7% NW 154 Street NW 154 Street NB 1.L Collector D 760 233 20.97% 30.7% NW 154 Street NW 138 Street NB 1.L Collector D 760 233 20.97% 30.7% NW 154 Street NW 138 Street NB 1.L Collector D 760 401 24.6% 31.7% NW 57 Av (Red Road) 1.75 NB 2.LD FIHS D 5.530 401 10.0% NW 57 A				S B I	2LD			1,620	894		55.2%		
NW 166 Street NW 162 Street NB 1 L Collector D 760 78 6.99% 10.3% NW 162 Street NW 154 Street NB 1 L Collector D 760 773 20.37% 68.8% NW 154 Street NW 154 Street NB 1 L Collector D 760 523 20.37% 68.8% NW 154 Street NW 138 Street NB 1 L Collector D 760 523 20.37% 68.8% NW 154 Street NW 138 Street NB 1 L Collector D 760 523 20.37% 68.8% NW 57 Av (Red Road) 1-75 NB 2 LD Collector D 1,620 401 1,0% 24.8% 1,10% 24.8% 68.8% <t< td=""><td></td><td>138 Street</td><td>VV 08 Street</td><td>SB</td><td></td><td>Collector</td><td>ے د</td><td>760</td><td>30</td><td>1.19%</td><td>1.7% 3.9%</td><td>2.8%</td></t<>		138 Street	VV 08 Street	SB		Collector	ے د	760	30	1.19%	1.7% 3.9%	2.8%	
NW 162 Street WU 154 Street NM 156 Street NM 157 Street NM 157 Street NM 156 Street NM 166 Street NM 170 Street NM 166 Street SE		WV 166 Street	NW 162 Street	8 g		Collector	۵	760	78 174	6.99%	10.3% 22 g%	16.6%	
NW 154 Street NW 138 Street SB 1 L Collector D 760 523 80.8% NW 154 Street NW 138 Street SB 1 L Collector D 760 523 20.37% 68.8% NW 57 Av (Red Road) 1-75 NB 2 LD Collector D 1,620 179 16.09% 11.0% NW 57 Av (Red Road) 1-75 NB 2 LD FIHS D 3,580 61 1.7% 24.8% NW 57 Av (Red Road) 1-75 NB 2 LD FIHS D 3,580 61 1.7% 24.8% NW 170 Street NB 3 LD FIHS D 5,530 464 18.4% 3.7% NW 170 Street NB 3 LD FIHS D 5,530 142 1.7% 3.7% Okeechobee Rd/US 27 NB 3 LD FIHS D 5,530 142 12.76% 2.6% NW 170 Street NB 3 LD FIHS D	ź	IW 162 Street	NW 154 Street	B B C		Collector	۵	760	233	20.97%	30.7%	49.7%	
NW 138 Street Okeechobee Rd/US 27 NB 2 LD Collector D 1,620 17.9 16.09% 11.0% NW 57 Av (Red Road) 1-75 SB 2 LD Collector D 1,620 401 24.8% NW 57 Av (Red Road) 1-75 NB 2 LD FIHS D 3,580 136 5,46% 3,8% 1-75 SB 2 LD FIHS D 5,530 136 5,46% 3,8% NW 170 Street NB 3 LD FIHS D 5,530 207 1.7% 3,7% NW 170 Street NB 3 LD FIHS D 5,530 207 3,7% 3,7% NW 170 Street NB 3 LD FIHS D 5,530 142 12.76% 2.6% 5,8% NW 106 Street NB 3 LD FIHS D 5,530 318 5,8% 5,8% NW 106 Street NB 3 LD FIHS D 5,530 318	Ž	IW 154 Street	NW 138 Street	8 8 8		Collector	۵	760	523 233 233	20.97%	98.8% 30.7%	49.7%	
NW 57 Av (Red Road) I-75 SB Z LU FIHS D 1,620 401 2.43% 1-75 NW 170 Street NB 2 LD FIHS D 3,580 61 1,7% 3,8% 1-75 NW 170 Street NB 3 LD FIHS D 3,580 64 18.61% 8.4% NW 170 Street NB 3 LD FIHS D 5,530 207 3,7% 3,7% NW 170 Street Okeechobee Rd/US 27 NB 3 LD FIHS D 5,530 142 12.76% 2.6% Okeechobee Rd/US 27 NN 106 Street NB 3 LD FIHS D 5,530 142 12.76% 2.6% NW 106 Street NB 3 LD FIHS D 5,530 142 12.76% 2.6% NW 106 Street NB 3 LD FIHS D 5,530 142 12.76% 2.6% SB 3 LD FIHS D 5,530 142	Ž	IW 138 Street	Okeechobee Rd/US 27	888	2 LD	Collector	۵	1,620	179	16.09%	11.0%	17.9%	
NW 170 Street SB 2 LD 3,580 61 1.7% NW 170 Street NB 3 LD FIHS D 5,530 464 18.61% 8.4% SB 3 LD FIHS D 5,530 464 18.61% 8.4% SB 3 LD FIHS D 5,530 307 3.7% SN 3 LD FIHS D 5,530 318 2.6% NW 106 Street NB 3 LD FIHS D 5,530 318 5.6% NW 74 Street NB 3 LD FIHS D 5,530 318 5.6% SB 3 LD FIHS D 5,530 318 5.6% NW 74 Street NB 3 LD FIHS D 5,530 318 5.6% SB 3 LD FIHS D 5,530 318 5.6% SB 3 LD FIHS D 5,530 318 5.6% S1D		57 Av (Red Road)	I-75	B B	2 LD 2	FIHS	۵	1,620 3,580	401 136	5.46%	24.8% 3.8%	2.8%	
Ckeechobee Rd/US 27 SB S all S 5,530 3 LD S 5,530 5,530 S 5,530 207 142 3.7% 5.6% 5.8% 7 NW 106 Street NB 3 LD FIHS D 5,530 142 12.76% 5.6% 8 3 LD FIHS D 5,530 142 12.76% 5.6% 7 NW 76 Street SB 3 LD FIHS D 5,530 142 12.76% 5.6% 8 3 LD FIHS D 5,530 318 5.6% 5.8% NW 74 Street SB 3 LD FIHS D 5,530 318 5.6% S NW 74 Street SB 3 LD FIHS D 5,530 312 5.8% S S 3 3 LD FIHS D 5,530 312 5.8% S S 3 3 LD FIHS D 5,530 312 5.8%		I-75	NW 170 Street	B S B	2 LD 3 LD	FIHS	۵	3,580 5,530	61 464	18.61%	1.7% 8.4%	6.1%	
27 NW 106 Street SB 3 LD 5,530 318 5.8% 27 NW 106 Street NB 3 LD FIHS D 5,530 318 5.8% SB 3 LD FIHS D 5,530 318 2.6% NW 74 Street NB 3 LD FIHS D 5,530 318 5.8% SB 3 LD FIHS D 5,530 318 5.8% NW 74 Street NB 3 LD FIHS D 5,530 318 5.6% SB 3 LD FIHS D 5,530 318 5.6% 5.6%	AZ	W 170 Street	Okeechobee Rd/US 27	B B	3 LD 3	FIHS	۵	5,530 5,530	207 142	12.76%	3.7% 2.6%	4.2%	
NW 74 Street SB 3 LD FIHS D 5,530 318 12.76% 5.8% NW 74 Street NB 3 LD FIHS D 5,530 318 2.6% S S S S S S 5.8% NW 74 Street NB 3 LD FIHS D 5,530 318 2.6% S S S S S S 5.8%	Okeed	chohee Rd/LIS 27	NIM 106 Street	S B	3 LD	FIHS	2	5,530 5,530	318 142	12 76%	5.8% 2.6%	4 2%	
NW 74 Street NB 3 LD FIHS D 5,530 142 12.76% 2.6% S5.8 3 LD 5,530 318 5.8%				SB	3 CD	2)	5,530	318		5.8%	2	
	Ŷ	WV 106 Street	NW 74 Street	SB SB	3 LD 3 LD	FIHS	۵	5,530 5,530	142 318	12.76%	2.6% 5.8%	4.2%	

			TAF	TABLE 21-7 (R	R)						
		Project Traffic As	signm Beaco	signment (weekday, o Beacon Countyline DRI	Assignment (weekday, one-way, PM peak) Beacon Countyline DRI	ay, PM	peak)				
	-	imite	Directi	Directional #	December	Ű	Service	z	et New Exte	Net New External Project Traffic	Traffic
Roadway	From	To	on	of Lanes	Type	STD	Volume (1)	Project Traffic	% Project	One-Way	nsumption Two-Way
Miami Gardens Drive	I-75	NW 87 Avenue	EB	2 LD	State Minor	SUMA	1,800	0 0	%00.0	%0.0	0.0%
	NW 87 Avenue	NW 77 Avenue	E B	99	State Minor	SUMA	1,800	⊃ ¥	1.36%	0.0% 1.9%	1.4%
	NW 77 Avenue	NW 67 Avenue	EB EB	2 LD 2	Arterial State Minor	SUMA	1,800 1,800	15 45	1.80%	0.8% 2.5%	1.8%
	NW 67 Avenue	NW 57 Avenue (Red Rd)	NB EB	2 LD 2 LD	Arterial State Minor	Η Η	1,800 1,800	20 27	1.08%	1.1% 1.5%	1.1%
NIM 170 Street	НЕЕТ		N B B B B B B B B B B B B B B B B B B B	2 LD	Arterial		1,800	12 381	33 18%	0.7% 23 5%	36 Q%
			3 A G	2LD	Collector	<u>م</u>	1,620	815 815	11 0201	50.3%	2000 2007 2007
	INVV 9/ AVENUE	G/-I	NB NB	 	Collector	C	798	131	%78.1T	37.0% 16.4%	ZD.1%
	I-75	NW 87 Avenue	EB WB	 	Collector	۵	760 760	295 131	11.82%	38.8% 17.2%	28.0%
	NW 87 Avenue	NW 77 Avenue		. – ,	Collector	۵	092	156	6.24%	20.5%	14.8%
	NW 77 Avenue	NW 67 Avenue			Collector	۵	760	128	5.13%	9.1% 16.8%	12.2%
NW 138 Street	Okeechobee Rd/US 27	NW 107 Avenue	EB 8	1 L 2LD	Collector	۵	760 1,620	57 35	3.16%	1.5% 2.2%	3.5%
	NW 107 Avenue	NW 97 Avenue	NB B B	2LD 2LD	Collector		1,620 1.620	79 35	1.44%	4.9% 2.2%	1.6%
			1 × 1	21D		<u>م</u>	1,620	17		1.0%	
	NW 9/ Avenue	Beacon Station BIVD	A B A	2LD	Collector	C	1,620	814 363	%C0.25	50.2% 22.4%	30.3%
NW 130 Street	NW 97 Av	Beacon Station Blvd	B	2LD	County Minor	۵	1,620	76	3.05%	4.7%	3.4%
(W 76 Street)	Beacon Station Blvd	NW 87 Av	EB BB	2LD 1 L	Arterial County Minor	۵	1,620 760	34 64	2.58%	2.1% 8.4%	6.1%
	NIM 87 AV	W of SP 826	8 a B		0 County Minor	C	760	29	0 55%	3.8% 1 8%	1 30/
			NB BN		Arterial)	760	9	2000	0.8%	
Okeechobee Rd/US 27	West	HEFT	NWB SFB	0 C	FIHS	υ	2,500	25 55	2.22%	1.0% 2.2%	1.6%
	HEFT	NW 138 Street	NNB NNB		FIHS	۵	2,790	25 77	2.22%	0.9%	1.4%
	NW 138 Street	Beacon Station Blvd		3 CD 3 CD	FIHS	۵	2,790	200 216	8.65%	z.0% 7.7%	5.6%
	Beacon Station Blvd	NW 87 Avenue	SEB NWB	3 LD 3 3	FIHS	۵	2,790 2,790	96 173	6.93%	3.4% 6.2%	4.5%
	NW 87 Avenue	SR 826	SEB NWB	а ГD 3 ГD	FIHS	۵	2,790 2,790	77 131	5.27%	2.8% 4.7%	3.4%
	SR 826	NW 74 St	SEB NWB	3 D 3	State Principal	E + 20%	2,790 3,348	59 63	2.52%	2.1% 1.9%	1.4%
West Okeechobee Rd /	US 27/NW 138 Street	NW 107 Avenue	SEB NWB	3 LD 1 L	Arterial Collector	۵	3,348 760	28 0	0.00%	0.8% 0.0%	0.0%
Frontage Road	NW 107 Avenue	Hialeah Gardens Blvd	SEB NWB	 	Collector	۵	760 760	0 0	1.17%	0.0% 3.8%	2.8%
	Hialeah Gardens Blvd	ANV 87 Avenue	SEB		Collector		760	13 31	1 25%	1.7%	3 0%
			SEB			ו נ	760	5 4	201	1.8%	
	NW 87 Avenue	NW 77 Avenue	NWB SEB	 	Collector	۵	760 760	16 7	0.64%	2.1% 0.9%	1.5%
Gratigny Expressway	SR 826	Red Road/W 4 Av	EB VB	3 LD 3 LD	FIHS	۵	5,410 5,410	373 166	14.95%	6.9% 3.1%	5.0%
W 68 Street/NW 122	Okeechobee Road	NW 97 Avenue	B B G	; - ; ; - :	Collector	۵	608	38	1.53%	6.3%	4.5%
10000	NW 97 Avenue	NW 87 Av / W 28 Av	а В В С		County Minor	۵	008 809	46	1.86%	7.6% 2.5%	5.5%
	NW 87 Av / W 28 Av	SR 826	A B C	2 LD	County Minor Arterial	۵	1,620 1.620	0 1 -	0.53%	0.8% 0.4%	0.6%
Revised April 2008								Sou	rce: David P	lummer and	Source: David Plummer and Associates, Inc.

			ľ	TABLE 21-8 (R)	3(R)						
	Futu	Future Traffic Conditions with Project - (weekday, one-way, PM peak)	iw suc	ith Project	- (weekda	y, one-way, F	3M pe	K)			
			Bea	Beacon Countyline DRI	/line DRI						
Roadway	From	nits To	Directi on	Directional # of Lanes	Roadway Tvpe	Municipality	Volume (2018)	LOS STD	Service Volume	VSV	Meets LOS STD?
Palmetto Expressway	Red Road/NW 57 Av	NW 67 Av/Ludlam Rd	B	3 LD	FIHS	Miami Lakes	8,328	۵	5,410	1.54	oN N
(SR 826)	NW 67 Av/Ludlam Rd	Miami Lakes Drive	NEB		FIHS	Miami Lakes	6,764 8,931	۵	5,410 5,410	1.25 1.65	o o z :
	Miami Lakes Drive	1-75	SWB NB	0 0 0 0 0 0	FIHS	Miami Lakes	7,188 9,154	۵	5,410 5,410	1.33	or or z ∶
	I-75	W 68 St/NW 122 Street	S Z G	3 LD 9 LD 9 2 LD 9 2 2	FIHS	Hialeah	7,186 10,641	۵	5,410 7,380	1.33 1.44	₽2:
	W 68 St/NW 122 Street	W 49 Street/NW 103 St	n n n	4 4 5	FIHS	Hialeah	8,643 11,007	۵	7,380	1.17	o o z
	W 49 Street/NW 103 St	Okeechobee Rd/US 27	S S S	5 LD	FIHS	Hialeah/Hialeah	8,905 11,348	۵	7,380 9,340	1.21	o o z
	Okeechobee Rd/US 27	NW 74 Street	n n n	5 LD	FIHS	Medley	9,152 11,861	۵	9,340 9,340	0.98	Yes
NW 87 Avenue / West	Miami Gardens Drive	NW 170 Street		220 220	Collector	Miami-Dade	9,003 559 700	۵	9,340 1,620	0.35	Yes
aniiany oz	NW 170 Street	Miami Lakes Drive		25 D	Collector	Miami Lakes	53 53	۵	1,620	0.03	Yes
	Miami Lakes Drive	I-75	a a	2LD 2 LD	Collector	Miami Lakes	108 1,206	۵	1,620 1,620	0.07 0.74	Yes Yes
I-75	Miramar Parkway	HEFT	S B R S	2 LD 4 LD	FIHS	Miramar	912 10,470	۵	1,620 7,480	0.56 1.40	Yes No
	HEFT	NW 186 Street	S B N B	4 LD 4 LD	FIHS	Miami-Dade	9,517 9,098	۵	7,480 7,380	1.27 1.23	oN N
	NW 186 Street	NW 138 Street	S B S B	4 4 4 LD	FIHS	Miami	8,439 8,870	۵	7,380 7,380	1.14 1.20	o v
	NW 138 Street	SR 826	S B E B	4 LD 4 LD	FIHS	Miami	7,844 7,664	۵	7,380 NA (1)	1.06 NA (1)	No Yes (1)
NW 97 Avenue	NW 170 Street	NW 154 Street	WB NB	4 LD 21 D	Collector	Hialeab	7,734 364		NA (1) 1 620	NA (1) 0 22	Yes (1) Yes
			8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2LD			582	<u>م</u>	1,620	0.36	Yes
	INVV 104 OILEEL		S B D	2LD 2LD	Collector	Пајеал	1,064	ב	1,620	0.66	Yes
	NW 138 Street	W 68 Street	S B S B	 	Collector	Hialeah/Hialeah	277 192	۵	760 760	0.36 0.25	Yes Yes
NW 107 Avenue	NW 166 Street	NW 162 Street	8 a V		Collector	Hialeah/Hialeah	78 174	۵	760	0.10	Yes
	NW 162 Street	NW 154 Street		」 _ 」 . - ← .	Collector	Hialeah/Hialeah	233	۵	760	0.31	Yes
	NW 154 Street	NW 138 Street	n n N N		Collector	Hialeah/Hialeah	357	۵	760	0.69 0.47	Yes
	NW 138 Street	Okeechobee Rd/US 27	S S S	2 LD	Collector	Gardens Hialeah Gardens	644 650	۵	760 1,620	0.85 0.40	Yes Yes
НЕЕТ	NIM 57 AV (Red Road)	1-75	SB	2 C 2 7	EIHS	Miramar	749 4 853	2	1,620 3.580	0.46 1 36	Yes
-			SB	, c	2	2	3,536)	3,580	0.99	Yes
	I-75	NW 170 Street	a a Z		FIHS	Miami-Dade	8,857 6 280	۵	5,530	1.60	οZ
	NW 170 Street	Okeechobee Rd/US 27	9 8 8		FIHS	Miami-	8,494	۵	5,530	1.54	o Z Z
	Okeechobee Rd/US 27	NW 106 Street	a a N	n c	FIHS	Miami-	9,211	۵	5,530	1.14	0 OZ
	NW 106 Street	N/W 74 Street	S B B B	з ГD	EIHS	Dade/Medley Miami-Dade	6,820 9,819		5,530 5,530	1.23 1 78	οZZ
			SB	3 LD	2		7,427	נ	5,530	1.34	o Z
(1) See HCS+ analysis Revised April 2008	 See HCS+ analysis provided in Appendix 21- Revised April 2008 							Source: D	Source: David Plummer and Associates, Inc.	er and Ass	ociates, Inc.

Number is a state of the state of				ľ	2-1C 3 19 V.	101						
Initia Direct parts Machina Pathony Mann Date Cost Direction at Mann Date Mann Date Cost Direction at Mann Date Direction at Mann Date <thdirection at="" date<="" mann="" th="" th<=""><th></th><th>Futi</th><th>ure Traffic Conditio</th><th>ons wi Bea</th><th>ith Project</th><th></th><th>/, one-way, F</th><th>oM pea</th><th>(X)</th><th></th><th></th><th></th></thdirection>		Futi	ure Traffic Conditio	ons wi Bea	ith Project		/, one-way, F	oM pea	(X)			
From To To Other York Stration Nor To		Ci.	mits	Directi	Directional #	Roadway		Volume	ros	Service	N.ICV	Meets
n 1.75 NW 87 Avenue EB 2.10 State Minch MamiDade 2.533 NW 87 Avenue NW 77 Avenue EB 2.10 State Minch MamiDade 1.74 NW 77 Avenue NW 77 Avenue EB 2.10 State Minch MamiDade 1.74 NW 77 Avenue NW 77 Avenue EB 2.10 State Minch MamiDade 1.73 NW 77 Avenue NW 77 Avenue EB 2.10 State Minch MamiDade 1.73 NW 77 Avenue NW 77 Avenue EB 2.10 State Minch MamiDade 1.73 NW 77 Avenue NW 77 Avenue EB 2.10 State Minch MamiDade 1.73 NW 77 Avenue NW 77 Avenue EB 1.11 Collector MamiDade 1.73 NW 77 Avenue Beacon Station Biol W 97 Avenue EB 2.10 Collector MamiDade 1.74 NW 97 Avenue EB 2.10 Collector MamiDade 1.74 NW 97 Avenue B	roadway			uo	of Lanes	Type	MULLICIDATIL	(2018)	STD	Volume	1011	LOS STD?
NW 87 Avenue NW 77 Avenue Em 2.210 Stare Minor Mami-bade 3.73 NW 77 Avenue NW 67 Avenue Read 2.10 Stare Minor Mami-bade 3.73 NW 77 Avenue NW 67 Avenue Read 2.10 Stare Minor Mami-bade 3.73 NW 77 Avenue NW 97 Avenue FB 2.10 Stare Minor Mami-bade 3.73 NW 97 Avenue NW 97 Avenue EB 2.10 Collector Mami-bade 3.73 NW 77 Avenue NW 77 Avenue EB 1.10 Collector Mami-bade 3.73 NW 77 Avenue NW 77 Avenue EB 1.10 Collector Mami-bade 3.73 NW 77 Avenue NW 77 Avenue EB 2.10 Collector Mami-bade 3.73 NW 77 Avenue NW 77 Avenue EB 2.10 Collector Mami-bade 3.73 NW 77 Avenue EB 2.10 Collector Mami-bade 3.73 NW 77 Avenue NW 77 Avenue EB	Miami Gardens Drive	1-75	NW 87 Avenue	EB	2 LD	State Minor	Miami-Dade	2,538 1 085	SUMA	1,800	1.41 0.60	oN 202
NW 67 Avenue WB 7 Avenue TSB 2 LD State Minol Amminol Maminola Amminola Amm		NW 87 Avenue	NW 77 Avenue	EB 0	2 LD	State Minor	Miami-Dade	1,574	SUMA	1,800	0.87	Yes
With FArenue N/W 57 Avenue W/W 57 Av		NIM 77 AVANIA	NIM 67 Avenue	8 M B B B	2 C 2 C	Arterial State Minor	Miami-Dade	941 2 204	SIMA	1,800	0.52	Yes
NW 67 Avenue NW 77 Avenue<				NB WB	2 C C D	Arterial		1,727		1,800	96.0	Yes
HEFT NW 97 Avenue WB ZLD Content Marrini Table 175 NW 97 Avenue VB 2.10 Collector Dadehhialean 2.10 175 NW 97 Avenue WB 1.1 Collector Dadehhialean 2.10 NW 97 Avenue NW 97 Avenue WB 1.1 Collector Dadehhialean 2.33 NW 97 Avenue NW 97 Avenue WB 2.10 Collector Miami 2.33 NW 97 Avenue NW 97 Avenue WB 2.10 Collector Miami 2.33 NW 97 Avenue Beacon Station Biod WB 2.10 Collector Miami 2.33 NW 97 Avenue Beacon Station Biod WB 2.10 Collector Miami 2.33 NW 97 Avenue Beacon Station Biod WB 2.10 Collector Miami 3.33 NW 97 Avenue Beacon Station Biod WB 2.10 Collector Miami 4.33 NW 97 Avenue WB 2.10		NW 67 Avenue	NW 57 Avenue (Red Rd)	ĒB	2 LD	State Minor	Miami-Dade	1,972	ΗH	1,800	1.10	°Z ;
NW 97 Avenue 1-75 WB 2LD Collector DadeHialem 1,108 1.75 NW 97 Avenue WB 1L Collector DadeHialem 1,108 1.75 NW 97 Avenue WB 1L Collector Mam: 223 1.75 NW 97 Avenue WB 1L Collector Mam: 233 1.75 NW 107 Avenue WB 1L Collector Mam: 233 1.75 NW 107 Avenue WB 2LD Collector Mam: 233 1.75 NW 107 Avenue WB 2LD Collector Mam: 233 1.75 NW 107 Avenue WB 2LD Collector Mam: 233 1.75 NW 97 Av WB 2LD Collector Mami 1709 1.75 NW 97 Av Beacon Station Biod WB 2LD Collector Mami 1779 1.75 NW 138 Street WW 138 2LD Collector Mami 1779	NW 170 Street	HEFT	NW 97 Avenue	EB 8	2 LU 2LD	Arterial Collector	Miami-	1,568 778	D	1,800 1,620	0.87 0.48	Yes Yes
The interval is a second state of the interval is a second interval is a second state of the interval is a second interval is a second state of the interval is a second interval interval is a second state of the interval is a second interval is a second state of the interval is a second where is a second second is a second where is a second second is a second where is a second where is a second second by the interval is a		NW 97 Avenue	1-75	WB B B	2LD 11	Collector	Dade/Hialeah Miami-	1,108 526		1,620 798	0.68 0.66	Yes Yes
1-75 NW 87 Avenue EB 11 Collector Mam- 531 NW 77 Avenue WW 77 Avenue WB 11 Collector Mam- 532 NW 77 Avenue WB 7 Avenue WB 11 Collector Mam- 533 NW 77 Avenue WB 7 Avenue WB 11 Collector Mam- 533 NW 97 Avenue WW 97 Avenue WB 21D Collector Mam- 533 NW 97 Avenue WW 87 Av WB 21D Collector Mam- 534 NW 97 Avenue WW 87 Av WB 21D Collector Mam- 534 NW 97 Avenue WW 87 Av WB 21D Collector Haleah Haleah 1,008 NW 97 Avenue WW 97 Avenue WW 97 Avenue WW 97 21D Avenue 503 NW 97 Avenue WW 97 Avenue WW 97 Avenue NW 97 21D Avenue 503 NW 97 Avenue WW 97 Avenue NW 97 SEB 21D <				NB NB				283	C	798	0.35	Yes
NW 87 Avenue NW 77 Avenue NW 77 Avenue NW 77 Avenue NM 77 Avenue<		I-75	NW 87 Avenue	EB	 	Collector	Miami-	581 372	۵	760 760	0.76	Yes
NW 77 Avenue NW 67 Avenue W 57 Avenue W 57 Avenue W 52 LL Collector Miami- 533 NW 107 Avenue NW 107 Avenue W 52 LL Collector Hialeah/Hialeah 573 NW 107 Avenue NW 97 Avenue W 52 LL Collector Hialeah/Hialeah 573 NW 107 Avenue Beacon Station Blvd W 87 Av W 87 Av W 87 Av Hialeah/Hialeah 573 NW 97 Av Beacon Station Blvd W 87 Av W 87 Av W 87 Av 100 NW 97 Av NW 97 Av W 87 Av W 88 1L Collector Hialeah Arth 475 NW 97 Av W 97 Av W 87 Avenue W 88 1L County Minor Hialeah Gardens 503 M 138 Street NW 138 Street NW 138 Street NW 138 112 2001 473 NW 138 Street NW 97 Avenue NW 87 Avenue NW 87 Avenue NW 87 Avenue 1201 NW 87 Avenue NW 87 Avenue NW 87 Avenue NW 87 Avenue 1201 114 NW 87 Avenue NW 87 Avenue		NW 87 Avenue	NW 77 Avenue		」 . - ← 、	Collector	Miami-	791	D	760	1.04 1.04	S O ;
Ckeechobee Rd/US 27 NW 107 Avenue WB 1 L Collector Halaen/Hialeah 533 NW 107 Avenue W9 7 Avenue WB 2LD Collector Halaen/Hialeah 573 NW 97 Avenue W9 7 Avenue WB 2LD Collector Halaen/Hialeah 573 NW 97 Avenue Beacon Station Blvd WB 2LD Collector Halaen/Hialeah 573 NW 97 Av Beacon Station Blvd WB 2LD Collector Hialeah/Hialeah 573 NW 87 Av W87 Av W87 Av WB 2LD County Minor Hialeah 573 NW 138 Street WN 138 Street NW 138 Street NW 138 1.1 Cunty Minor Hialeah 573 NW 138 Street NW 138 Street NW 138 2.1D Cunty Minor Hialeah 573 NW 138 Street NW 138 2.1D Cunty Minor Hialeah 573 NW 138 Street NW 138 2.1D Cunty Minor Hialeah 572 NW 138 Street		NW 77 Avenue	NW 67 Avenue	EB W	 	Collector	Miami-	633 589	D	760	0.83 0.78	Yes Yes
Oweechildee NUO Z NW 107 Avenue VB ZLD Collector Haleah/Haleah 273 NW 97 Avenue W8 7 Avenue W8 7 Avenue W8 2 LD County Minor Haleah/Haleah 477 NW 97 Avenue W8 7 Av Beacon Station Bivd W8 7 Av Beacon Station Bivd W8 7 Av Haleah/Haleah 473 NW 97 Avenue Beacon Station Bivd W8 7 Av W8 7 Av W8 7 Av Haleah/Haleah 473 NW 87 Av W 615 R 826 NW 87 Av W8 7 LL County Minor Haleah/Haleah 473 NW 87 Avenue W8 7 Avenue W8 7 Avenue W8 7 Avenue 11 L County Minor 413 NW 138 Street NW 138 Street NW 138 Street NW 87 Avenue 1267 1296 NW 87 Avenue SEB 3 LD Avenail Haleah/Haleah 433 NW 87 Avenue NW 87 Avenue NW 87 Avenue SEB 1206 1226 NW 87 Avenue NW 87 Avenue NW 87 Avenue NW 87 Avenue 1267 1266 NW 87 Avenue<	10010 001 MIN	Oliveration Data 10.02		8 8 8				535	C	760	0.70	Yes
NW 107 Avenue NW 97 Avenue W97 Avenue W97 Avenue W97 Avenue W97 Avenue EBacon Station Bivd EB 2LD Collector Halaenh Halaeh 573 NW 97 Av Beacon Station Bivd WB 2LD Collector Halaenh 1,479 NW 97 Av Beacon Station Bivd WB 2LD County Minor Halaenh 1,479 NW 97 Av W 87 Av WB 2LD County Minor Halaenh 1,479 Nw 87 Av WB XV WB 2LD County Minor Halaenh 646 NW 138 Street WV 138 Street WN 138 Street WN 138 Street XMMB 1,234 NW 138 Street Beacon Station Bivd WW 87 Avenue NW 87 Avenue 1,235 1,235 NW 138 Street Beacon Station Bivd NW 87 Avenue NW 87 Avenue 1,234 1,418 1,234 NW 138 Street NW 138 Street NW 138 Street NW 138 Street 2,125 1,234 1,234 NW 138 Street NW 138 Street NW 138 Stree	138 Street	Ukeecnopee Ka/US 2/	INVV 101 AVENUE	AB W		Collector	Hialean/Hialean	609 487	ב	1,620	0.30	Yes Yes
NW 97 Avenue Beacon Station Blvd WB 2LD Collector Hialeah 1,479 NW 97 Avenue Beacon Station Blvd WB 2LD County Minor Hialeah 1,479 NW 97 Av Beacon Station Blvd WB 2LD County Minor Hialeah 1,479 NW 87 Av West NW 87 Av WB 2LD County Minor Hialeah 1,479 NW 87 Av West HEFT NW 138 Street Beacon Station Blvd WB 2LD County Minor Hialeah 1,479 NW 138 Street Beacon Station Blvd WB 2LD County Minor Hialeah Gardens 1,418 NW 138 Street Beacon Station Blvd NWB 3 LD Arterial Hialeah Gardens 1,224 NW 138 Street Beacon Station Blvd NWB 3 LD Arterial 1,386 NW 138 Street NW 138 Street NWB 3 LD Collector Hialeah Gardens 1,224 NW 87 Avenue NWB 1 L Collector Hialeah Gardens<		NW 107 Avenue	NW 97 Avenue		51D	Collector	Hialeah/Hialeah	573	D	1,620	0.35	Yes
NW 97 Av Beacon Station Bivd WB WB 7 Av VWB 7 Av WB 7 Av WB WB 7 Av The Material WB WB 7 Av WB 7 Av WB 7 Av WB 7 Av Haleah Arterial Arterial Haleah Arterial 1.22 Arterial		NW 97 Avenue	Beacon Station Blvd	EB EB	2LD 2	Collector	Hialeah	394 1,479	D	1,620 1,620	0.91	Yes Yes
NW 97 Av Breacon Station Bivd Beacon Station Bivd EB EB 2LD FIL County Minor Arterial Haleah Haleah 475 664 664 674 27 West W KTAv W TL County Minor Hialeah 676 674 27 West HEFT W K County Minor Hialeah 676 674 7 West HEFT W 71 County Minor Hialeah 676 674 7 West HEFT NW 138 Street SEB 21D County Minor Hialeah 676 674 7 WW 37 Venue SEB 21D County Minor Hialeah 676 674 7 WW 37 Venue NW 37 Avenue NW 87 Avenue NW 31D FHS Hialeah Gardens 2.474 105 State Principal Hialeah Gardens 2.403 1.201 1.201 1.201 105 State Principal Hialeah Gardens 2.44 1.201 1.201 1.201 105 State Principal NW NW 7 Ven				WB	2LD			1,008		1,620	0.62	Yes
27 Beacon Station Bivd NW 87 Av EB 1.L County Minor Haleah 646 774 NW 87 Av West HEFT West 1.L County Minor Haleah 646 774 West HEFT NW 138 Street NW 2.LD FIHS Hialeah 646 774 West HEFT NW 138 Street NW 2.LD FIHS Hialeah 646 774 NW 138 Street NW 87 NW 3.LD FIHS Hialeah 646 775 NW 138 Street NW 87 NW 3.LD FIHS Hialeah 646 7701 NW 7 Avenue NW 74 87 2.DD FIHS Hialeah 646 7.25 78 NW 7 Avenue NW 74 87 2.DD 71 2.01 71 2.26 701 US NW 74 81 3.LD 74 7.25 74 7.25 701 US NW 74 81 7.15 7.41 2.26	NW 130 Street (W 76 Street)	NW 97 Av	Beacon Station Blvd	EB WB	2LD 2LD	County Minor Arterial	Hialeah	475 606	Δ	1,620 1.620	0.29 0.37	Yes Yes
NW 87 Av W of SR 826 WB bit Mest TL Attended FIHS Contrigning Mislic FIHS Hialeah Mislic FIHS 634 Hialeah FIHS Nest HEFT NW 138 Street NW B 1L Contry Minor Hialeah 639 509 NW 138 Street NW 138 Street NW B 3 LD FIHS Hialeah Gardens 1,254 1,255 NW 138 Street NW 87 Avenue SEB 3 LD FIHS Hialeah Gardens 1,254 1,254 NW 87 Avenue NW 87 Avenue NW 87 Avenue NW 87 Avenue NW 87 Avenue 2,11 Hialeah Gardens 1,254 1,256 NW 107 Avenue NW 102 Z7NW 138 Street NW 74 Strefiai Hialeah Gardens 2,243 3,196 2,414 7,418 2,243 3,196 NW 107 Avenue NW 107 Avenue NW 74 Strefiai Hialeah Gardens 2,243 3,196 3,196 NW 107 Avenue NW 87 Avenue NW 87 Avenue NW 87 Avenue NW 87 Avenue 2,11 2,013 3,196 NW 87 Avenue NW 87 Avenue NW 87 Avenue NW 87 Avenue NW 88 TL Collector Hialeah Gardens 3,19<		Beacon Station Blvd	NW 87 Av	EB		County Minor	Hialeah	648	D	760	0.85	Yes
27 West HEFT WB 1L Arterial Haleah Gardens 503 NW 138 Street 1224 NW 138 Street 1224 Beacon Station Blvd NW 87 Avenue SEB 3 LD F1HS Hialeah Gardens 1,257 Beacon Station Blvd NW 87 Avenue SEB 3 LD F1HS Hialeah Gardens 1,244 NW 87 Avenue SEB NW 74 St SEB 3 LD F1HS Hialeah Gardens 1,274 NW 107 Avenue SR 826 NW 74 St NW 83 3 LD Arterial Hialeah Gardens 2,733 NW 107 Avenue Hialeah Gardens Blvd NW 87 NW 107 Avenue SEB 1 L Collector Hialeah Gardens 2,233 NW 107 Avenue Hialeah Gardens Blvd NW 87 NW 107 Avenue SEB 1 L Collector Hialeah Gardens 2,414 NW 107 Avenue NW 87 NW 107 Avenue NW 87 1 L Collector		NW 87 Av	W of SR 826	AB BB		Arterial County Minor	Hialeah	674 439	C	760 760	0.89 0.58	Yes Yes
27 West HEFT NWN 138 Street NWB 2 LD FIHS Hialeah Gardens 1,214 HEFT NW 138 Street 1,259 NW 138 Street 1,250 NW 138 Street NW 138 Street NW 87 Avenue SEB 3 LD FIHS Hialeah Gardens 1,251 Beacon Station Blvd NW 87 Avenue SR 826 NW 74 St SEB 3 LD FIHS Hialeah Gardens 2,414 NW 107 Avenue SR 826 NW 74 St NWB 3 LD Artenial Hialeah Gardens 2,733 NW 107 Avenue Hialeah Gardens Blvd NW 87 Avenue NWB 1 L Collector Hialeah Gardens 2,580 NW 107 Avenue Hialeah Gardens Blvd NW 87 Avenue NWB 1 L Collector Hialeah Gardens 2,58 NW 87 Avenue NW 87 Av/W 28 Av SEB 1 L Collector Hialeah Gardens 2,58 NW 87 Av/W 28 Av NW 87 Av/W 28 Av SEB 1 L				NB B		Arterial		509)	760	0.67	Yes
HEFT NW 138 Street NW 126 Street NW 126 Street NW 126 Street NW 126 Street 1201 State NM 126 Street 1201 State 120 State<	Okeechobee Rd/US 27	West	HEFT	NWB	2 LD	FIHS	Hialeah Gardens	1,418	υ	2,500	0.57	Yes
NW 138 Street Beacon Station Blvd SEB SEB 3 LD 3 LD FIHS Hialeah Gardens 1,251 Beacon Station Blvd NW 87 Avenue SEB 3 LD FIHS Hialeah Gardens 1,201 NW 87 Avenue SR 826 NW 87 Avenue NW 87 Avenue SN 825 3 LD FIHS Hialeah Gardens 1,201 NW 87 Avenue SR 826 NW 107 Avenue NW 107 Avenue NW 107 Avenue NW 107 Avenue 2,043 2,243 NW 107 Avenue NW 107 Avenue NW 87 Avenue NW 87 Avenue NW 87 Avenue 2,016ctor 11 Collector 11elaeh Gardens 2,267 NW 107 Avenue NW 87 Avenue NW 87 Avenue NW 87 Avenue NW 87 Avenue 2,818 11 Collector 11aleah Gardens 5,780 NW 87 Avenue NW 87 Avenue NW 87 Avenue NW 87 Avenue NW 87 11 Collector 11aleah Gardens 3,796 NW 97 Avenue NW 87 Av/ W 28 Av EB 11 Collector 11aleah Gardens 3,660 NW 97 Avenue		HEFT	NW 138 Street	NWB	3 LD 3 LD	FIHS	Hialeah/Hialeah	1,386	D	2,790	0.50	Yes
NW 136 Street Deacon station byd NWB 3 LD FIHS Hialeah Gardens 1,201 Beacon Station Blvd NW 87 Avenue SEB 3 LD FIHS Hialeah Gardens 2,073 NW 87 Avenue SR 826 NWB 3 LD FIHS Hialeah Gardens 2,073 NW 87 Avenue SR 826 NW 74 Street NW 3 LD Arterial Hialeah Gardens 2,267 NW 107 Avenue NW 107 Avenue NWB 3 LD Arterial Hialeah Gardens 2,283 NW 107 Avenue NW 87 Avenue NWB 1 L Collector Hialeah Gardens 2,287 NW 87 Avenue NW 87 Avenue NWB 1 L Collector Hialeah Gardens 2,58 NW 87 Avenue NW 87 Avenue NWB 1 L Collector Hialeah Gardens 3,66 NW 87 Av/W 28 Av NW 87 Avenue NWB 1 L Collector Hialeah Gardens 3,66 NW 87 Av/W 28 Av EB 1 L Collector Hialeah Gardens 3,66				SEB	3 LD		Gardens	1,259	C	2,790	0.45	Yes
Beacon Station Blvd NW 87 Avenue NW 87 Avenue NW 87 Avenue SEB 3 LD FIHS Hialeah Gardens 2,414 NW 87 Avenue SR 826 NW 74 St SEB 3 LD FIHS Hialeah Gardens 2,580 SR 826 NW 107 Avenue SR 826 NW 107 Avenue NW 107 Avenue NW 107 Avenue 3,196 NW 107 Avenue Hialeah Gardens Blvd NW 87 Avenue NW 87 Avenue NW 87 Avenue 2,287 NW 107 Avenue Hialeah Gardens Blvd NW 87 Avenue NW 87 Avenue NW 87 Avenue 3,196 NW 107 Avenue NW 87 Avenue NW 87 Avenue NW 87 Avenue NW 87 1 Collector Hialeah Gardens 2,58 NW 87 Avenue NW 87 Avenue NW 87 Avenue NW 87 Avenue NW 87 Av 3,106 NW 97 Avenue 3,106 NW 87 Av/W 28 Av NW 87 Av/W 28 Av EB 1 Collector Hialeah Gardens 3,66 NW 97 Avenue NW 97 Avenue NW 97 Avenue NW 97 Avenue N 1 Collector Hialeah Gardens </th <td></td> <td>NVV 138 Street</td> <td>Beacon Station BIVD</td> <td>SEB</td> <td>a LD a CD</td> <td>SHIT</td> <td>Hialean Gardens</td> <td>1.201</td> <td>ב</td> <td>2,790</td> <td>0.43 0.43</td> <td>Yes Yes</td>		NVV 138 Street	Beacon Station BIVD	SEB	a LD a CD	SHIT	Hialean Gardens	1.201	ב	2,790	0.43 0.43	Yes Yes
NW 87 Avenue SR 826 NEB 3 LD FIHS Hialeah Gardens 2.507 d/ US 27/NW 138 Street NW 74 St NW 8 3 LD State Principal Hialeah Gardens 2.267 d/ US 27/NW 138 Street NW 107 Avenue NW 8 1 L Collector Hialeah 3.196 NW 107 Avenue NW 107 Avenue NW 8 1 L Collector Hialeah Gardens 3.267 NW 107 Avenue Hialeah Gardens Blvd NW 87 Avenue NW 87 Avenue NW 87 Avenue SEB 1 L Collector Hialeah Gardens 3.65 NW 87 Avenue 3.00 S Okeechobee Road NW 97 Avenue NW 87 Av/W 28 Av EB 1 L Collector Hialeah Gardens 3.66 NW 97 Avenue NW 97 Avenue NW 87 Av/W 28 Av EB 1 L Collector Hialeah Gardens 3.66 NW 97 Avenue NW 97 Avenue NW 87 Av/W 28 Av EB 1 L Collector Hialeah Gardens 3.66 NW 97 Avenue NW 87 Av/W 28 Av EB 1 L Collector Hialeah Gardens 3.65 NW 97 Avenue NW 87 Av/W 28 Av EB		Beacon Station Blvd	NW 87 Avenue	NWB 100	3 LD	FIHS	Hialeah Gardens	2,414	D	2,790	0.87	Yes
d/ US 27/NW 138 Street NW 74 St SEB 3 LD State Principal Hialeah 2,243 d/ US 27/NW 138 Street NW 107 Avenue NWB 3 LD State Principal Hialeah 3,196 NW 107 Avenue NW 107 Avenue NWB 1 L Collector Hialeah Gardens 3,267 NW 107 Avenue NW 87 Avenue NWB 1 L Collector Hialeah Gardens 5,18 NW 87 Avenue NW 87 Avenue NWB 1 L Collector Hialeah Gardens 5,31 NW 87 Avenue NW 87 Avenue NW 87 Avenue SEB 1 L Collector Hialeah Gardens 5,33 VW 97 Avenue NW 97 Avenue 3,136 NW 87 Av /W 28 Av NW 87 Av /W 28 Av EB 1 L Collector Hialeah Gardens 3,660 NW 87 Av /W 28 Av NW 87 Av /W 28 Av EB 2 LD County Minor Hialeah 612 NW 87 Av /W 28 Av SR 826 EB 2 LD Arterial 1,572		NW 87 Avenue	SR 826	NWB	3 C 3 C 8	FIHS	Hialeah Gardens	2,580	۵	2,790	0.92 0.92	Yes
or ozo NW 24 St. NW 24 St. NW 54 St. SEB 3 LD Arterial 3,150 d/ US 27/NW 138 Street NW 107 Avenue SEB 1 L Collector Hialeah Gardens 3,267 NW 107 Avenue NW 87 Avenue SEB 1 L Collector Hialeah Gardens 3,31 NW 107 Avenue NW 87 Avenue NW 87 Avenue NW 87 Avenue NW 87 Avenue 3,03 NW 87 Avenue 3,03 VN 97 Avenue NW 97 Avenue NW 97 Avenue NW 97 Avenue 3,116 Hialeah Gardens 3,660 Lakes NW 97 Avenue NW 97 Avenue NW 97 Avenue NW 97 Avenue 3,136 NW 87 Av /W 28 Av NW 87 Av /W 28 Av NB 1 L Collector Hialeah Gardens 3,660 NW 87 Av /W 28 Av NB 1 L Collector Hialeah Gardens 3,660 2,54 NW 87 Av /W 28 Av NB 1 L Collector Hialeah Gardens 3,650 NW 87 Av /W 28 Av SE E 1 L County Minor Hialeah		300 00	NUM 71 Ct	SEB	3 LD	State Dringing		2,243	,000 . T	2,790	0.80	Yes
d/ US 27/NW 138 Street NW 107 Avenue NWB 1 L Collector Hialeah Gardens 396 NW 107 Avenue Hialeah Gardens Blvd NWB 1 L Collector Hialeah Gardens 518 Hialeah Gardens Blvd NWB 7 Avenue NWB 7 Avenue NWB 1 L Collector Hialeah Gardens 531 NW 87 Avenue NW 87 Avenue NWB 1 L Collector Hialeah Gardens 303 NW 87 Avenue NW 87 Avenue NW 87 Avenue NWB 1 L Collector Hialeah Gardens 305 St St 3 LD T L Collector Hialeah Gardens 305 VW 97 Avenue NW 97 Avenue NW 97 Avenue St 3 LD Lakes 3 660 NW 97 Avenue NW 97 Avenue NW 87 Av / W 28 Av WB 1 L County Minor Hialeah Gardens 3 660 NW 87 Av / W 28 Av St E Lakes 3 650 2 54 NW 97 Avenue NW 87 Av / W 28 Av WB 1 L County Minor Hialeah 6 7 2 NW 87 Av / W 28 Av St E		070 NC	INVV /4 OL	SEB	a LD a	Arterial	павап	3,190 2.267	E + 20%	3,348	0.68	Yes
NW 107 Avenue Hialeah Gardens Blvd NB 1 L Collector Hialeah Gardens 518 Hialeah Gardens Blvd NW 87 Avenue NM 87 Avenue <	West Okeechobee Rd /		NW 107 Avenue	8 MN B M B M B C C C C C C C C C C C C C C C		Collector	Hialeah Gardens	396	D	760	0.52	Yes
Hialeah Gardens Bivd NW 87 Avenue SEB NW 87 Avenue 1 L NW 87 Avenue Collector Hialeah Gardens 258 303 V SEB NW 87 Avenue NW 87 Avenue NW 87 Avenue SEB 1 L Collector 1 L Hialeah Gardens 258 305 V SR 826 Red Road/W 4 Av EB 3 LD 1 L FIHS Collector Hialeah Gardens 356 2 Okeechobee Road NW 97 Avenue WB 1 L Collector Hialeah Gardens 356 1 NW 97 Avenue NW 87 Av/W 28 Av EB 1 L County Minor Hialeah Gardens 355 1 NW 97 Avenue WB 1 L County Minor Hialeah Gardens 355 1 NW 87 Av/W 28 Av SR 826 EB 2 L Arterial County Minor Hialeah 612 1 Arterial 1 L County Minor Hialeah 612 254 1 Arterial 1 L County Minor Hialeah 612 1 Arterial 1 L County Minor Hialeah 612		NW 107 Avenue	Hialeah Gardens Blvd	NWB	 	Collector	Hialeah Gardens	518	D	760	0.68	Yes
Hialeah Gardens Bivd NW 87 Avenue NM 87				SEB				258		760	0.34	Yes
NW 87 Avenue NW 77 Avenue NW 87 Avenue NW 77 Avenue NW 87 Avenue NW 77 Avenue NW 87 Avenue NM 92 Latenda NM 97 Avenue NM 97 Avenue NM 97 Avenue NM 97 Avenue NM 97 Latenda NM 97 Avenue NM 97 Avenu		Hialeah Gardens Blvd	NW 87 Avenue	NWB		Collector	Hialeah Gardens	303	۵	760	0.40	Yes Yes
IV SR 826 Red Road/W 4 Av SEB EB 1 L 3 LD FIHS Hialeah/Miami 3:60 3:60 2 Okeechobee Road NW 97 Avenue EB 1 L Collector Hialeah Gardens 3:50 2 Okeechobee Road NW 97 Avenue EB 1 L Collector Hialeah Gardens 3:54 NW 97 Avenue NW 1 L County Minor Hialeah Gardens 3:54 NW 97 Avenue NW 1 L County Minor Hialeah 612 NW 87 Av / W 28 Av SR 826 EB 2 LD County Minor Hialeah 1,398 NW 87 Av / W 28 Av WB 2 LD County Minor Hialeah 1,572		NW 87 Avenue	NW 77 Avenue	NWB	. – . . – .	Collector	Hialeah Gardens	782	D	760	1.03	Ž
2 Okeechobee Road NW 97 Avenue WB 3 LD Lakes 3,136 2 Okeechobee Road NW 97 Avenue EB 1 L Collector Hialeah Gardens 365 NW 97 Avenue NW 87 Av / W 28 Av EB 1 L County Minor Hialeah 254 NW 87 Av / W 28 Av SR 1 L Arterial 612 612 NW 87 Av / W 28 Av SR 826 EB 2 LD County Minor Hialeah 1,398 NW 87 Av / W 28 Av WB 2 LD County Minor Hialeah 1,398	Grationv Expresswav	SR 826	Red Road/W 4 Av	SEB EB	3 LD	FIHS	Hialeah/Miami	3.660	۵	7 60 5,410	0.47 0.68	Yes
 Ckeechobee Koad NW 97 Avenue EB 1 L Collector Hialean Gardens 365 NW 97 Avenue NW 87 Av / W 28 Av EB 1 L County Minor Hialeah 612 NW 87 Av / W 28 Av SR 826 EB 2 LD County Minor Hialeah 1,398 NW 87 Av / W 28 Av W 28 ZLD County Minor Hialeah 1,398 				WB U	3 LD	(Lakes	3,136	ſ	5,410	0.58	Yes
NW 97 Avenue NW 87 Av / W 28 Av EB 1 L County Minor Hialeah 612 NW 87 Av / W 28 Av SR 826 EB 2 LD County Minor Hialeah 612 NW 87 Av / W 28 Av SR 826 EB 2 LD County Minor Hialeah 1,398 NW 87 Av / W 28 Av SR 826 EB 2 LD County Minor Hialeah 1,572	W 68 Street/NW 122 Street	Okeechobee Koad	NW 97 Avenue	NB NB		Collector	Hialeah Gardens	365 254	a	608 608	0.60	Yes Yes
NW 87 Av / W 28 Av SR 826 EB 2 LD County Minor Hialeah 1,398 NW 87 Av / W 28 Av SR 826 EB 2 LD County Minor Hialeah 1,398		NW 97 Avenue	NW 87 Av / W 28 Av	B	 . _ .	County Minor	Hialeah	612	D	608	1.01	2 :
WB 2 LD Arterial 1,672		NW 87 Av / W 28 Av	SR 826	EB EB	1 L 2 LD	Arterial County Minor	Hialeah	632 1,398	D	608 1,620	1.04 0.86	No Yes
				WB	2 LD	Arterial		1,672		1,620	1.03	No

TABLE 21-9 (R) Intersection and Ramp Analysis Results Beacon Countyline DRI

Intersection/Ramp	Time Period	Existing	Future wo Project	Future w Project	Future w Project w Imps
NW 122 St/NW 97 Av	PM	С	С	С	
NW 122 St/NW 87 Av	PM	D	D	D	D
NW 170 St/HEFT West Ramp	PM				В
NW 170 St/HEFT East Ramp	PM				В
NW 170 St/ NW 102 Av	PM				С
NW 170 St/ NW 97 Av	PM				В
NW 162 St/ NW 107 Av	PM				В
NW 162 St/ NW 97 Av	PM				С
NW 156 St/ NW 97 Av	PM				С
	AM	А	А	А	А
HEFT NEB to I-75 NB Diverge	PM	A	F	F	В
HEFT NEB to I-75 NB Merge	AM	А	А	А	А
	PM	F	F	F	D
I-75 SB to HEFT SWB Diverge	AM	В	С	F	(1)
	PM	A	A	А	(1)
I-75 SB to HEFT SWB Merge	AM	F	F	F	(1)
	PM	A	В	В	(1)
HEFT/NW 170 St Ramps ⁽²⁾	PM				С
NW 138 Street EB to I-75 EB Merge	AM	С	D	D	
NW 100 Officer ED to 170 ED Merge	PM	С	С	Е	
NW 138 Street EB to I-75 EB Diverge	AM	A	А	В	
NW 100 Offeet ED to 1 75 ED Diverge	PM	A	В	В	
I-75 EB to SR 826 SB Diverge	AM	F	F	F	А
	PM	В	F	F	A
I-75 EB to SR 826 SB Merge	AM	В	F	F	В
······································	PM	F	F	F	В
SR 826 NB to I-75 WB Diverge	AM	A	A	А	
	PM	A	A	F	(1)
SR 826 NB to I-75 WB Merge	AM	A	F	F	A
Notes: ⁽¹⁾ Improved cross-section is be	PM	B	F	F	/ised April 2008

Notes:

⁽¹⁾ Improved cross-section is beyond HCS capabilities
 ⁽²⁾ Based on preliminary interchange configuration obtained from the Florida Turnpike Enterprise.

Revised April 2008

The analysis, which is also included in this appendix, shows similar or lower impacts on all the regionally significant roadways than at buildout. Project traffic is not significant and adverse in any roadway link analyzed.

The Applicant contemplates that any development order issued for the Beacon Countyline DRI will contain a condition that will limit development to the issuance of certificates of occupancy for an equivalent amount of development which generates 2,000 pm peak hour net new external trips prior to commence of construction of an interchange on the HEFT at NW 170 Street. The following sample mix of land uses would generate 2,000 pm peak hour two-way trips:

<u>Land Use</u>	Sample	Intensity
Warehouse	3,000,000	Square Feet
Retail	100,000	Square Feet
Office	225,000	Square Feet

Note that the development program shown above and used as the basis for the analysis is intended as an example only and not necessarily the development program scenario that the Flagler Development would use. The goal was to develop a program whose trip generation would not exceed 2,000 pm peak hour net new external trips, in order to maintain similar impacts on the street network.

F. Based on the assignment of trips as shown in (D) and (E) above, what modifications in the highway network (including intersections) will be necessary at the end of each phase of development, to attain and maintain local and regional level of service standards? Identify which of the above improvements are required by traffic not associated with the DRI at the end of each phase. For those improvements which will be needed earlier as a result of the DRI, indicate how much earlier. Where applicable, identify Transportation System Management (TSM) alternatives (e.g., signalization, one-way pairs, ridesharing, etc.) that will be used and any other measures necessary to mitigate other impacts such as increased maintenance due to a large number of truck movements.

Although proportionate share is only assessed on roadway segments projected to operate above the adopted level of service standard, and where Project traffic utilizes five percent or more of the road service volume, the DRI process requires that all deficient roadway segments be identified. The following improvements are needed for 2018 traffic conditions without the addition of Project traffic to support all area development. These improvements are in addition to the improvements listed in section 21.A, which are needed to eliminate backlogs for existing (2007) traffic conditions.

- SR 826 Palmetto Expressway, between Red Road and Ludlam Road (NW 67 Avenue), and between Miami Lakes Drive and NW 122 Street; widen from 8 to 10 lanes;
- SR 826 Palmetto Expressway, between NW 103 Street and NW 74 Street, widen from 12 lanes to 14 lanes;
- I-75 Miramar Parkway to HEFT, widen from 10 lanes to 12 lanes;

- The Homestead Extension of the Florida Turnpike (HEFT), between Red Road (NW 57 Avenue) and I-75, widen from 4 lanes to 6 lanes;
- The Homestead Extension of the Florida Turnpike (HEFT), between I-75 and NW 106 Street, widen from 8 lanes to 10 lanes;
- The Homestead Extension of the Florida Turnpike (HEFT), between NW 106 Street and NW 74 Street, widen from 8 lanes to 12 lanes;
- West Okeechobee Road (Frontage Road), between NW 87 Avenue and NW 77 Avenue, widen from 2 lanes undivided to 2 lanes divided;
- NW 122 Street (W 68 Street), NW 97 Avenue and NW 87 Avenue, widen from 2 lanes to 4 lanes;
- NW 122 Street (W 68 Street), NW 87 Avenue and SR 826, widen from 4 lanes to 6 lanes;
- NW 87 Avenue / NW 122 Street (W 68 Street) intersection, signal re-timing;
- HEFT north-eastbound to I 75 northbound, add a mainline thru lane at diverge area; and,
- Palmetto Expressway (SR 826) northbound to I 75 westbound, add a mainline thru lane at merge area.

The following additional improvements are needed to accommodate future traffic conditions once Project traffic is added to the street network.

- SR 826, between I-75 and NW 122 Street, widen from 10 to 12 lanes;
- NW 170 Street / NW 102 Avenue, Signalization;
- NW 170 Street / NW 97 Avenue, Signalization;
- NW 97 Avenue / NW 156 Street, Signalization;
- and, Palmetto Expressway (SR 826) northbound to I-75 westbound, add a mainline thru lane at diverge area.
- G. Identify the anticipated number and general location of access points for driveways, median openings and roadways necessary to accommodate the proposed development. Describe how the applicant's access plan will minimize the impacts of the proposed development and preserve or enhance traffic flow on the existing and proposed transportation system. This information will assist the applicant and governmental agencies in reaching conceptual agreement regarding the anticipated access points. While the ADA may constitute a conceptual review for access points, it is not a permit application and, therefore, the applicant is not required to include specific design requirements (geometry) until the time of permit application.

Exhibit 21-4, Principal Project Access, shows the development plan and proposed

principal project access points for the Project. Access to the Project is proposed through connections to NW 170 Street, NW 97 Avenue and NW 107 Avenue. One main connection is proposed at NW 170 Street at the proposed intersection with NW 102 Avenue. Two main connections are proposed at NW 97 Avenue, at NW 162 Street and NW 156 Street. Two main connections are proposed at NW 107 Avenue, at NW 166 Street and NW 162 Street. All main connections to the external roadway network have been analyzed in previous sections.

H. If applicable, describe how the project will complement the protection of existing, or development of proposed, transportation corridors designated by local governments in their comprehensive plans. In addition, identify what commitments will be made to protect the designated corridors such as interlocal agreements, right-of-way dedication, building set-backs, etc.

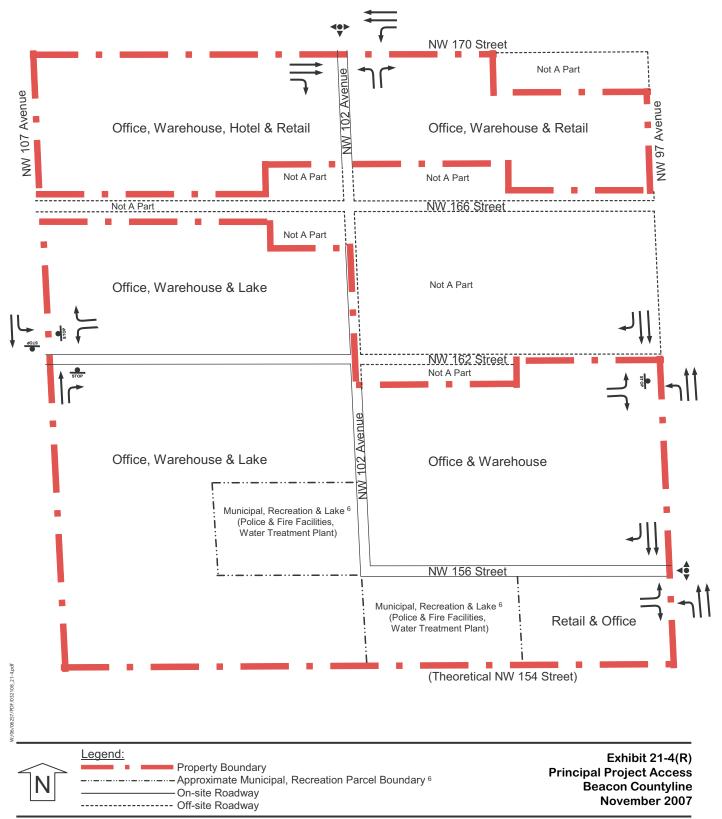
Beacon Countyline presents an opportunity to construct and/or contribute transportation improvements identified in the local government Comprehensive Plans. The Project will construct several roadways that will provide connectivity in this area of Hialeah. The extension of NW 107 Avenues and NW 97 Avenues north of NW 154 Street to NW 170 Street, which are both in the Miami-Dade County Long Range Plan. The extension of NW 170 Street from HEFT to the existing I-75 overpass will provide an additional east/west thoroughfare in the area.

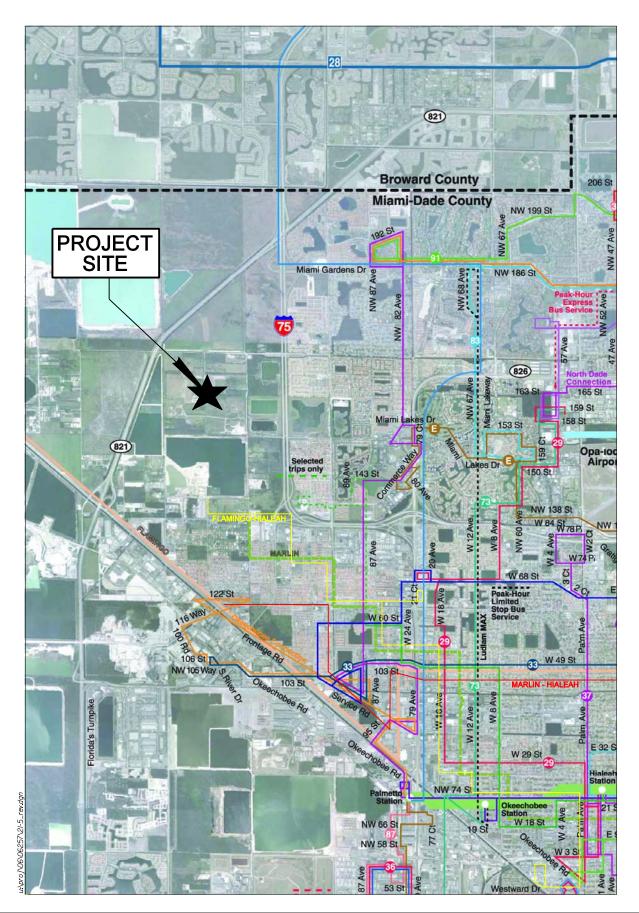
In addition, the Developer will work closely with the Turnpike Enterprise towards the construction of a new interchange at HEFT with NW 170 Street.

I. What provisions, including but not limited to sidewalks, bicycle paths, internal shuttles, ridesharing and public transit, will be made for the movement of people by means other than private automobile? Refer to internal design, site planning, parking provisions, location, etc.

A review of transit availability in the study area indicates that there are no existing Miami-Dade bus routes serving this area within a mile of the Site. The City of Hialeah Transit System offers two bus routes serving the City, which operate between 6:00 AM and 9:00 PM on weekdays. *Exhibit 21-5 (R), Existing Transit*, shows the existing routes serving the study area. The City has expressed their commitment to extend existing transit services to the Project Site. It is anticipated that Miami-Dade Transit (MDT) would also extend its transit system to this area.

Accommodations will be made within the Project for bus bays, bus stops, shelters and the like to promote transit ridership. Pedestrian linkages will be integrated into the Project design to ensure maximum non-vehicular travel. The developer will coordinate with Miami-Dade Transit Agency to facilitate the extension of transit service closer to the site. Additionally, Transportation Demand Management (TDM) strategies, such as those listed in *Appendix 21-15 (R), Transportation Demand Strategies*, will be encouraged as part of this Project to improve mobility. These strategies include carpooling, vanpooling, telecommuting, and alternative work hours, to name a few.





Source: David Plummer & Associates

Exhibit 21-5 (R) Existing Transit Routes Beacon Countyline DRI

Letter from the City of Hialeah

ATTACHMENT 21-1

Council Members

Jose F. Caragol Vivian Casals-Muñoz

Luis Gonzalez

Jose Yedra

Isis Garcia-Martinez

Julio Robaina Mayor

Esteban Bovo Council President

Carlos Hernandez Council Vice President



City of Hialeah

February 11, 2008

Mr. Joseph G. Goldstein Holland & Knight 701 Brickell Avenue, Suite 3000 Miami, Florida 33131-2487

Re: Beacon Countyline Development of Regional Impact

Mr. Goldstein,

The Hialeah Transit System is currently setup to expand the system (routes) into the Annexation area. The current routes end at the point where the annexed area begins. We here at the City of Hialeah and the Hialeah Transit System, have continued to modify our system to better serve the residents of the city. We are in the process of purchasing new buses to be able to expand the service. We will look at providing service to areas where the service is needed just like we have done in the past. This is an exciting time to be on the ground floor all of this new development and by having a presence from the start, people can adjust there commuting based on our service.

Currently our system operates from 6:00am to 7:30pm Monday thru Friday, 9:00am to 3:30pm on Saturdays/Holidays, and 11:00am to 2:00pm on Sundays. We will determine the level of service and the hours of operation to the new area once the project gets underway and we can map out projected routes where the highest needs for service exist. Again we will continue to provide the best service that we can to the residents of the City of Hialeah.

Thank you

my dela Muezo

Jorge de la Nuez City of Hialeah Transit Manager 305-681-5757

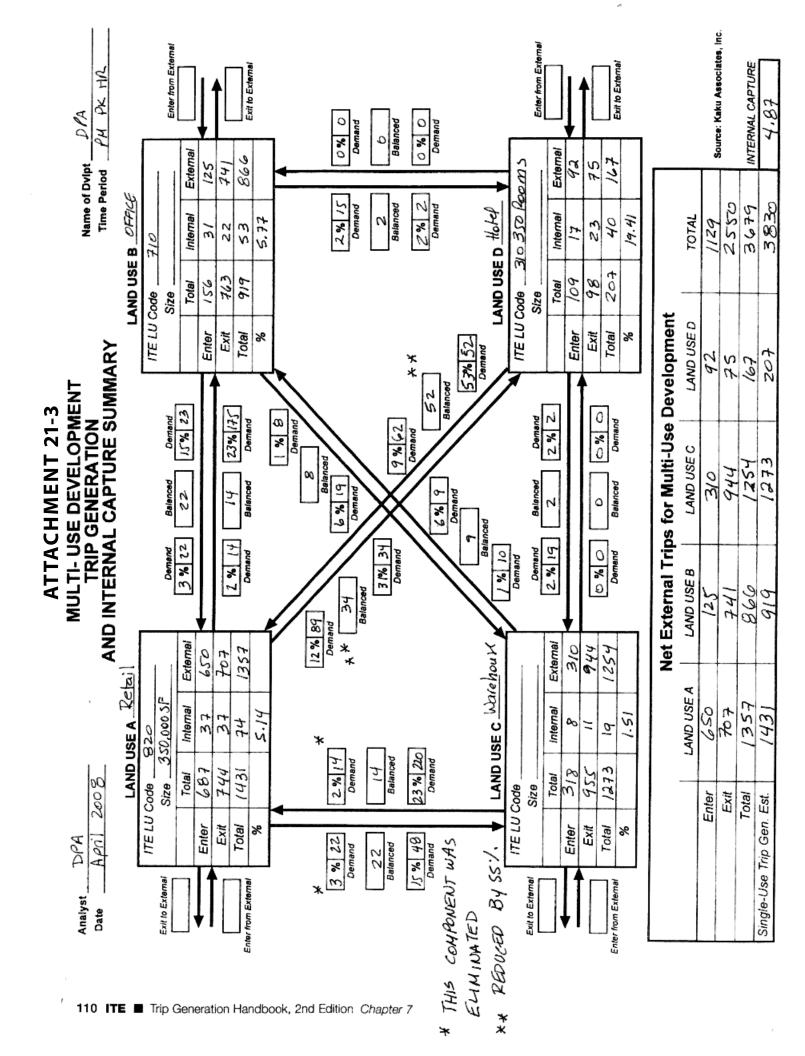
> Raul L. Martinez Government Center 501 Palm Avenue, Hialeah, Florida • 33010-4719 www.hialeahfl.gov

Breakdown of Traffic Volume Projections

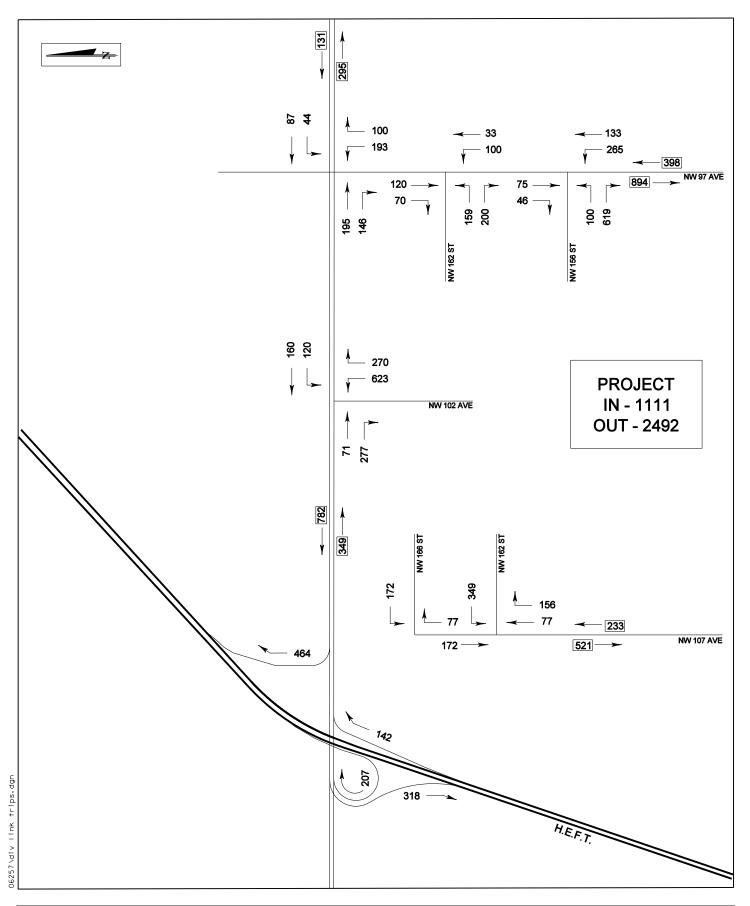
Roadway		nits	Directi on	Source of Count	Year of Count	AADT Count	K 100	D	т	Default % Truck	Heavy Veh Factor (HCM eq 21-3)	Peak Hour Count	Yearly Growth Rate	Volume (2007)	Future Back ground (2018)	Diversi ons	Committed Develop ments	Total (2018) Traffic without Project	Project	Total (2018 Traffic with Project
Dalas da Fuerra autor	From	To	50	FDOT	2006	100 500	10.00	E6 25	4.60	4	0.007	NA	1 49/	7.052 (4)		0	557	9 172	156	0.000
Palmetto Expressway (SR 826)	Red Road/NW 57 Av NW 67 Av/Ludlam Rd	NW 67 Av/Ludlam Rd Miami Lakes Drive	EB WB NEB	FDOT 554 FDOT	2006 2006	122,500 135,313	10.06 10.06	56.25 56.25	4.69 4.69	4	0.997 0.997	NA	1.4% 1.4%	7,053 (4) 5,486 (4) 7,791 (4)	7,616 5,923 8,412	0 -51	557 772 478	8,172 6,695 8,840	156 69 91	8,328 6,764 8,931
	Miami Lakes Drive	I-75	SWB NB	137 FDOT	2006	135,313	10.06	56.25	4.69	4	0.997	NA	1.4%	6,060 (4) 7,791 (4)	6,543 8,412	-40 -51	644 701	7,147 9,062	41 92	7,188 9,154
	I-75	W 68 St/NW 122 Street	SB NB SB	576 FDOT 575	2006	157,000	10.06	56.25	4.69	4	0.997	NA	1.4%	6,060 (4) 9,040 (4) 7,031 (4)	6,543 9,761 7,592	-40 -51 -40	590 809 818	7,094 10,519 8,370	92 122 273	7,186 10,641 8,643
	W 68 St/NW 122 Street	W 49 Street/NW 103 St	NB SB	575 FDOT 574	2006	164,000	10.06	56.25	4.69	4	0.997	NA	1.4%	9,443 (4) 7,344 (4)	7,592 10,196 7,930	-40 -51 -40	760 787	8,370 10,905 8,677	102 228	0,043 11,007 8,905
	W 49 Street/NW 103 St	Okeechobee Rd/US 27	NB SB	FDOT 553	2006	170,500	10.06	56.25	4.69	4	0.997	NA	1.4%	9,817 (4) 7,635 (4)	10,600 8,244	-51 -40	714 757	11,263 8,962	85 190	11,348 9,152
NW 87 Avenue / West	Okeechobee Rd/US 27 Miami Gardens Drive	NW 74 Street NW 170 Street	NB SB NB	FDOT 573 DPA	2006 2007	178,500 NA	10.06 NA	56.25 NA	4.69 NA	4 NA	0.997 NA	NA NA	1.4% 0.6%	10,278 (4) 7,994 (4) 288 (3)	11,097 8,631 297	-51 -40 21	724 857 169	11,770 9,449 487	91 204 72	11,861 9,653 559
28 Avenue	NW 170 Street	Miami Lakes Drive	SB NB	TM DPA	2007	NA	NA	NA	NA	NA	NA	NA	0.6%	448 (3) 0 (3)	463 0	9 0	288 53	760 53	32 0	792 53
	Miami Lakes Drive	I-75	SB NB SB	TM DPA 24 HR	2007	NA	NA	NA	NA	NA	NA	NA	0.6%	0 (3) 1,108 (3) 848 (3)	0 1,145 876	0 0 0	108 58 29	108 1,203 905	0 3 7	108 1,206 912
I-75	Miramar Parkway	HEFT	NB SB	FDOT 2000	2006	163,000	9.21	54.53	5.6	4	0.992	NA	2.3%	8,441 (4) 7,039 (4)	9,573 7,982	-35 -15	605 1.404	10,142 9.371	328 146	10,470 9,517
	HEFT	NW 186 Street	NB SB	FDOT 2503	2006	146,500	9.21	54.53	5.6	4	0.992	NA	2.3%	7,587 (4) 6,326 (4)	8,604 7,174	0	495 1,264	9,098 8,439	0 0	9,098 8,439
	NW 186 Street	NW 138 Street	NB SB	FDOT 2501	2006	146,500	9.21	54.53	5.6	4	0.992	NA	2.3%	7,587 (4) 6,326 (4)	8,604 7,174	0	263 664	8,867 7,838	3 6	8,870 7,844
	NW 138 Street	SR 826	EB WB	FDOT 2500	2006	117,000	9.21	54.53	5.6	4	0.992	NA	2.3%	5,053 (4) 6,059 (4)	5,730 6,871	0 0	1,165 520	6,894 7,391	770 343	7,664 7,734
NW 97 Avenue	NW 170 Street	NW 154 Street	NB SB	DT EXISTIN	NA	NA	NA	NA	NA	NA	NA	NA	0.6%	0 (3) 0 (3)	0 0	139 170	0 0	139 170	225 412	364 582
	NW 154 Street	NW 138 Street	NB SB	DPA TM	2007	NA	NA	NA	NA	NA	NA	NA	0.6%	0 (3) 0 (3)	0 0	139 170	0 0	139 170	398 894	537 1,064
	NW 138 Street	W 68 Street	NB SB	DPA TM	2007	NA	NA	NA	NA	NA	NA	NA	0.6%	232 (3) 136 (3)	240 141	24 21	0 0	264 162	13 30	277 192
NW 107 Avenue	NW 166 Street	NW 162 Street	NB SB	NOT EXISTIN	NA	NA	NA	NA	NA	NA	NA	NA	0.6%	0 (3) 0 (3)	0	0	0	0	78 174	78 174
	NW 162 Street	NW 154 Street	NB SB	NOT EXISTIN	NA	NA	NA	NA	NA	NA	NA	NA	0.6%	0 (3) 0 (3)	0 0	0 0	0 0	0 0	233 523	233 523
	NW 154 Street	NW 138 Street	NB SB	DPA TM	2007	NA	NA	NA	NA	NA	NA	NA	0.6%	120 (3) 117 (3)	124 121	0 0	0 0	124 121	233 523	357 644
	NW 138 Street	Okeechobee Rd/US 27	NB SB	DPA TM	2007	NA	NA	NA	NA	NA	NA	NA	0.6%	456 (3) 337 (3)	471 348	0 0	0 0	471 348	179 401	650 749
HEFT	NW 57 Av (Red Road)	I-75	NB SB	DOT 2285	2006	49,600	10.05	59.22	8.14	6	0.989	4,985	6.0%	3,163 (4) 2,178 (4)	4,378 3,015	0	339 460	4,717 3,475	136 61	4,853 3,536
	I-75	NW 170 Street	NB SB	DOT 2248	2006	89,600	10.05	59.22	8.14	6	0.989	9,005	6.0%	5,713 (4) 3,934 (4)	7,908 5,446	0	485 627	8,393 6,073	464 207	8,857 6,280
	NW 170 Street	Okeechobee Rd/US 27	NB SB	DOT 2248	2006	89,600	10.05	59.22	8.14	6	0.989	9,005	6.0%	5,713 (4) 3,934 (4)	7,908 5,446	-73 -96	517 617	8,352 5,967	142 318	8,494 6,285
	Okeechobee Rd/US 27 NW 106 Street	NW 106 Street NW 74 Street	NB SB NB	DOT 2272 DOT	2006 2006	95,100 102,800	10.05 10.05	59.22 59.22	8.14 8.14	6 6	0.989 0.989	9,558 10,331	6.0% 6.0%	6,064 (4) 4,176 (4) 6,555 (4)	8,394 5,780 9,073	66 75 51	609 648 553	9,069 6,502 9,677	142 318 142	9,211 6,820 9,819
lotes:	100 00000		SB	2268	2000	,000		50.22	0.14	5	0.000	.0,001	0.070	4,514 (4)	6,248	40	822	7,109	318	7,427

		A	TTAC	HMEN	T 21-2	2: BR		-	-			MEPR	OJEC	TIONS						
			1	r			Bea	acon	Coun	tyline D	RI		r		-			1		
Roadway	Lir	nits To	Directi on	Source of Count	Year of Count	AADT Count	К 100	D	т	Default % Truck	Heavy Veh Factor (HCM eq 21-3)	Peak Hour Count	Yearly Growth Rate	Volume (2007)	Future Back ground (2018)	Diversi ons	Committed Develop ments	Future (2018) Traffic wo Project	Project	Future (2018 Traffic with Project
Miami Gardens Drive	1-75	NW 87 Avenue	EB	DPA	2007	NA	NA	NA	NA	NA	NA	NA	0.6%	1,890 (3)	1,953	-35	620	2,538	0	2,538
(NW 186 Street)	NW 87 Avenue	NW 77 Avenue	WB EB WB	TM DPA TM	2007	NA	NA	NA	NA	NA	NA	NA	0.6%	812 (3) 1,103 (3) 713 (3)	839 1,140 737	-15 0 0	261 400 190	1,085 1,540 926	0 34 15	1,085 1,574 941
	NW 77 Avenue	NW 67 Avenue	EB	FDOT	2006	40,500	7.97	54.22	NA	NA	NA	NA	0.6%	1,761 (2)	1,820	0	339	2,159	45	2,204
	NW 67 Avenue	NW 57 Avenue (Red Rd)	WB EB WB	2517 FDOT 2516	2006	39,000	7.97	54.22	NA	NA	NA	NA	0.6%	1,487 (2) 1,695 (2) 1,432 (2)	1,536 1,752 1,479	0 0 0	171 193 76	1,707 1,945 1,556	20 27 12	1,727 1,972 1,568
NW 170 Street	HEFT	NW 97 Avenue	EB WB	NOT	NA	NA	NA	NA	NA	NA	NA	NA	0.6%	0	0	256 193	141 99	397 293	381 815	778
	NW 97 Avenue	I-75	EB	NOT	NA	NA	NA	NA	NA	NA	NA	NA	0.6%	0	0	86	145	231	295	526
	I-75	NW 87 Avenue	WB EB WB	EXISTIN DPA TM	2007	NA	NA	NA	NA	NA	NA	NA	0.6%	0 60 (3) 90 (3)	0 62 93	55 86 55	97 138 93	152 286 241	131 295 131	283 581 372
	NW 87 Avenue	NW 77 Avenue	EB WB	DPA TM	2007	NA	7.39	58.66	NA	NA	NA	NA	0.6%	310 (3) 376 (3)	320 389	65 46	250 130	635 564	156 69	791 633
	NW 77 Avenue	NW 67 Avenue	EB	DPA	2007	NA	7.39	58.66	NA	NA	NA	NA	0.6%	310 (3)	320	51	90	461	128	589
NW 138 Street	Okeechobee Rd/US 27	NW 107 Avenue	WB EB	TM DPA	2007	NA	NA	NA	NA	NA	NA	NA	0.6%	376 (3) 578 (3)	389 597	40 -149	50 127	478 574	57 35	535 609
	NW 107 Avenue	NW 97 Avenue	WB EB WB	TM DPA TM	2007	NA	NA	NA	NA	NA	NA	NA	0.6%	444 (3) 541 (3) 413 (3)	458 559 427	-115 -149 -115	64 128 65	408 538 377	79 35 17	487 573 394
	NW 97 Avenue	Beacon Station Blvd	EB	DPA	2007	NA	NA	NA	NA	NA	NA	NA	0.6%	654 (3)	676	-149	139	665	814	1,479
NW 130 Street (W 76 Street)	NW 97 Av	Beacon Station Blvd	WB EB WB	TM DPA TM	2007	NA	NA	NA	NA	NA	NA	NA	0.6%	667 (3) 366 (3) 530 (3)	689 378 548	-115 21 24	70 0 0	645 399 572	363 76 34	1,008 475 606
(W Yo Gueer)	Beacon Station Blvd	NW 87 Av	EB	DPA	2007	NA	NA	NA	NA	NA	NA	NA	0.6%	565 (3)	584	0	0	584	64	648
	NW 87 Av	W of SR 826	WB EB WB	TM DPA TM	2007	NA	NA	NA	NA	NA	NA	NA	0.6%	625 (3) 411 (3) 487 (3)	645 425 503	0 0 0	0 0 0	645 425 503	29 14 6	674 439 509
Okeechobee Rd/US 27	West	HEFT	NWB	FDOT	2006	25,500	9	54.22	12.81	2	0.949	NA	0.6%	1,319 (4)	1,364	0	29	1,393	25	1,418
	HEFT	NW 138 Street	SEB NWB SEB	7 FDOT 2536	2006	24,500	9	54.22	15.34	2	0.937	NA	0.6%	1,114 (4) 1,283 (4) 1,083 (4)	1,151 1,326 1,120	0 -21 -18	18 56 102	1,169 1,361 1,204	55 25 55	1,224 1,386 1,259
	NW 138 Street	Beacon Station Blvd	NWB SEB	FDOT 2536	2006	24,500	9	54.22	15.34	2	0.937	NA	0.6%	1,283 (4) 1,083 (4)	1,326 1,120	-21 -18	6	1,311 1,105	216 96	1,527 1,201
	Beacon Station Blvd	NW 87 Avenue	NWB SEB	2536 FDOT 109	2006	39,500	9	54.22	15.34	2	0.937	NA	0.6%	1,083 (4) 2,068 (4) 1,746 (4)	1,120 2,138 1,805	-18 0 0	3 103 191	2,241 1,996	96 173 77	2,414
	NW 87 Avenue	SR 826	NWB	FDOT	2006	45,000	9	54.22	7.36	2	0.974	NA	0.6%	2,268 (4)	2,344	0	104	2,449	131	2,580
	SR 826	NW 74 St	SEB NWB SEB	2537 FDOT 528	2006	55,500	9	58.66	6.44	2	0.978	NA	0.6%	1,915 (4) 3,013 (4) 2,123 (4)	1,979 3,114 2,195	0 0 0	205 19 45	2,184 3,133 2,239	59 63 28	2,243 3,196 2,267
West Okeechobee Rd /	US 27/NW 138 Street	NW 107 Avenue	NWB	DPA	2007	NA	NA	NA	NA	NA	NA	NA	0.6%	382 (3)	395	0	2	396	0	396
Frontage Road	NW 107 Avenue	Hialeah Gardens Blvd	SEB NWB SEB	TM DPA TM	2007	NA	NA	NA	NA	NA	NA	NA	0.6%	513 (3) 476 (3) 240 (3)	530 492 248	0 -3 -3	1 0 0	531 489 245	0 29 13	531 518 258
	Hialeah Gardens Blvd	NW 87 Avenue	NWB	DPA	2007	NA	NA	NA	NA	NA	NA	NA	0.6%	264 (3)	272	0	0	272	31	303
	NW 87 Avenue	NW 77 Avenue	SEB NWB SEB	TM DPA TM	2007	NA	NA	NA	NA	NA	NA	NA	0.6%	282 (3) 741 (3) 338 (3)	291 766 349	0 0 0	0	291 766 349	14 16 7	305 782 356
Gratigny Expressway	SR 826	Red Road/W 4 Av	EB	FDOT	2006	52,500	8.79	53.81	4.69	4	0.997	NA	0.6%	2,507 (4)	2,591	0	697	3,287	373	3,660
W 68 Street/NW 122 Street	Okeechobee Road	NW 97 Avenue	WB EB WB	2511 DPA TM	2007	NA	NA	NA	NA	NA	NA	NA	0.6%	2,152 (4) 315 (3) 228 (3)	2,224 326 236	0 0 0	747 2 1	2,970 327 237	166 38 17	3,136 365 254
0.000	NW 97 Avenue	NW 87 Av / W 28 Av	EB	DPA	2007	NA	NA	NA	NA	NA	NA	NA	0.6%	501 (3)	517	0	49	566	46	612
	NW 87 Av / W 28 Av	SR 826	WB EB WB	TM MDC 9522	2004	NA	NA	55	NA	NA	NA	2,827	0.6%	566 (3) 1,295 (1) 1,583 (1)	584 1,339 1,636	0 0 0	26 47 30	611 1,385 1,666	21 13 6	632 1,398 1,672
lotes: 1) Hourly count * D * Y 3) Actual Count.	early Growth Rate to 2007.			DT * Yearly DT * Yearly					T factor.									urce: David Plum		

Multi-Use Development Trip Generation & Internal Capture Summary



Net New External Project Trip Distribution



Source: David Plummer & Associates

Attachment 21-4 Net New External Project Trip Distribution Beacon County Line DRI

Intersection Assignment

									A	TTACHM		- Interse Countylin		signmer	nt								
Intersection	Direc tion	Existing Counts 2007	Back ground 2018	4	3	Diversion 2	s 1	Total	FEC Park of Commerce DRI	E Miramar Areawide DRI	Country Lakes DRI	Blue Grass Lakes	Dunwoody Estates	Graham East	Graham West	Doral Place	Islands of Doral	Total Committed Developments	Future wo Project 2018	Project	Pass-by Trips	Diverted Linked Trips	Future w Project 2018
NW 170 STREET /	NBL	0	0	4	3	2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEFT WEST RAMP	NBT	0	0					o	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-	NBR	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	SBL	0	0	149	20			169	0	0	0	0	16	12	46	0	0	74	243	207	0	13	462
Growth Rate:	SBT	0	0		20			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.6%	SBR	0	0					ő	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50.0%	EBL	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00.078	EBT	0	0					ů 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	EBR	0	0					ů 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	WBL	0	0					o	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	WBT	0	0					o	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	WBR	0	0			35	40	75	17	0	0	21	0	0	0	0	25	63	138	318	0	13	470
TOTAL	WDR	0	0	149	20	35	40 40	244	. /	U	U	21	5	J	5	U	20	137	381	525	5	13	932
NW 170 STREET /	NBL	0	0	143	20	35	40	244	0	0	0	0	0	0	0	0	0	0	0	0	0	0	932
HEFT EAST RAMP	NBT	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NBT	0	0			15	51	66	0 32	0	0	24	0	0	0	0	12	68	134	162	0	20	316
	SBL	0	0			15	51	0	32 0	0	0	24	0	0	0	0	0	0	0	0	0	20	0
Crowth Data		0	0					0	-	-	-							0	0	0	-	0	
Growth Rate: 0.6%	SBT SBR	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50.0%	EBL	0						0	-	0	-	-	-	-	-	-	-	-	0	0		0	
50.0%	EBL	0	0	149	20			169	0	0	0	0	0	0	0 46	0	0	0 74	243	220	0	-	0
			0	149	20				-	-	-	0	16	12		0	-		-		0	13	475
	EBR	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	WBL	0	0			05	40	0	0	0	0	0	0	0	0	0	0	0	0	-	0	-	0
	WBT	-	-			35	40	75	17	0	0	21	0	0	0	0	25	63	138	331	0	13	483
TOTAL	WBR	0	0	115 264	23 43		91	138	0	0	0	0	8	6	23	0	0	36 241	174 689	484 1,197	0	20	678
NW 170 STREET /	NBL	0	0	264	43		91	0	0	0	0	0	0	0	0	0	0	0	089	676	20	33	1,952 729
NW 170 STREET / NW 102 AVENUE	NBL	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0
NW 102 AVENUE	NBR		0					0	-	0									0			0	
		0							0		0	0	0	0	0	0	0	0		297	27		324
Growth Rate:	SBL SBT	0	0					0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0 0	0
		0	0						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.6%	SBR	0	0					0	-	-	-	0	0	-	-	-	-	0	-	0	0		0
50.0%	EBL EBT	0	0	1.10		45	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		-	0	149	20	15	51	235	31	0	0	24	16	12	46	0	12	141	376	44	-27	0	393
	EBR WBL	0	0					0	0	0	0	0 0	0	0	0	0 0	0	0	0 0	337	27	33 0	397 160
	WBL	0	0	115	23	25	40	0 213	0 17	0	-	0 21	0 8	6	23	0	-	99	0 312	140	20	0	160 432
			0	115	23	35	40			-	0		-				25			140	-20	-	
TOTAL	WBR	0	0	264	43			0	0	0	0	0	0	0	0	0	0	0 240	0 688	0 1,634	0	0	0 2,435
	NDI			264 115				129	0	0	0	0		0	0	0	0				0	0	
NW 170 STREET / NW 97 AVENUE	NBL NBT	0	0 0	115	23			138	0	0	0	0 0	0	0	0	0 0	0	0	138 0	193	0	0	331
NW 3/ AVENUE		0	-					0	-	-	0		0	-	0		0	0		0	0	-	0
	NBR	0	0					0	0	0	0	0	0	0	0	0	0	0	0	100	0	0	100
Orauth Data	SBL	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Growth Rate:	SBT	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.6%	SBR	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50.0%	EBL	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	EBT	0	0			15	51	66	29	0	0	26	17	14	49	0	11	146	212	195	0	0	407
	EBR	0	0	149				149	0	0	0	0	0	0	0	0	0	0	149	146	0	0	295
	WBL	0	0					0	0	0	0	0	0	0	0	0	0	0	0	44	0	0	44
	WBT	0	0			35	40	75	16	0	0	24	8	7	24	0	22	101	176	87	0	0	263
	WBR	0	0		20			20	0	0	0	0	0	0	0	0	0	0	20	0	0	0	20
TOTAL		0	0	264	43	1	91		1		1							246	694	765			1,459

									A	ТТАСНМЕ		Interse		signmen	nt								
Intersection	Direc tion	Existing Counts	Back ground			Diversion			FEC Park of Commerce DRI	E Miramar Areawide DRI	Country Lakes DRI	Blue Grass Lakes	Dunwoody Estates	Graham East	Graham West	Doral Place	Islands of Doral	Total Committed Developments	Future wo Project	Project	Pass-by Trips	Diverted Linked Trips	Future w Project
		2007	2018	4	3	2	1	Total											2018		-	-	2018
NW 162 STREET / NW 107 AVENUE	NBL	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NW 107 AVENUE	NBT	0	0					0	0	0	0	0	0	0	0	0 0	0	0 0	0	78	0	0	78
	NBR SBL	0	0					-		0	0	0	0	0	0	0		0	0	156	0	0	156
Growth Rate:		0	0					0	0	0 0	0	0	0	0	0	0	0	0	0 0	0	0	0	0 175
	SBT SBR	0	0 0					0	0	0	0	0 0	0	0	0	0	0	0	0	175 0	0	0	
0.6% 50.0%	EBL	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50.0 %	EBT	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	EBR	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	WBL	0	0					0	0	0	0	0	0	0	0	0	0	0	0	349	0	0	349
	WBT	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	WBR	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1101	0	0	0	0		0	, v	, v			v	Ŭ			Ŭ	- v	0	0	757	v	Ŭ	757
NW 162 STREET /	NBL	0	0	3	Ť	1		0	0	0	0	0	0	0	0	0	0	0	0	102	2	0	104
NW 97 AVENUE	NBT	0	0	115	23			138	0 0	0	0	0	0	0	0	0	0	0	138	31	-2	0	167
	NBR	0	0			1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	SBL	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Growth Rate:	SBT	0	0	149	20			169	0	0	0	0	0	0	0	0	0	0	169	117	-3	0	283
0.6%	SBR	0	0					0	0	0	0	0	0	0	0	0	0	0	0	73	3	0	76
50.0%	EBL	0	0					0	0	0	0	0	0	0	0	0	0	0	0	161	2	0	163
	EBT	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	EBR	0	0					0	0	0	0	0	0	0	0	0	0	0	0	203	3	0	206
	WBL	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	WBT	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	WBR	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL		0	0	264	43		0											0	307	686			998
NW 156 STREET /	NBL	0	0					0	0	0	0	0	0	0	0	0	0	0	0	273	8	0	281
NW 97 AVENUE	NBT	0	0	115	23			138	0	0	0	0	0	0	0	0	0	0	138	125	-8	0	255
	NBR	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	SBL	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Growth Rate:	SBT	0	0	149	20			169	0	0	0	0	0	0	0	0	0	0	169	66	-9	0	226
0.6%	SBR	0	0					0	0	0	0	0	0	0	0	0	0	0	0	55	9	0	64
50.0%	EBL	0	0					0	0	0	0	0	0	0	0	0	0	0	0	108	8	0	116
	EBT	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	EBR WBL	0	0 0					0	0	0	0	0 0	0	0	0	0 0	0	0 0	0 0	628 0	9 0	0 0	637 0
	WBL	0	0			1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	WBR	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1101	0	0	264	43		0	v	0	0		U	0	U	0	0	0	0	307	1,254	U	0	1,578
NW 122 STREET /	NBL	1	1	_37	~	1		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
NW 97 AVENUE	NBT	0	0					0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NBR	1	1					0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	SBL	93	96					0	0	0	0	0	0	0	0	0	0	0	96	1	0	0	97
Growth Rate:	SBT	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.6%	SBR	42	43					0	0	0	0	0	0	0	0	0	0	0	43	0	0	0	43
50.0%	EBL	75	78					0	0	0	0	0	0	0	0	0	0	0	78	0	0	0	78
	EBT	239	247					0	0	0	0	0	0	2	0	0	0	2	249	38	0	0	287
	EBR	1	1		23			23	0	0	0	0	0	0	0	0	0	0	24	0	0	0	24
	WBL	2	2		20	1		20	0	0	0	0	0	0	0	0	0	0	22	0	0	0	22
	WBT	185	191			1		0	0	0	0	0	0	1	0	0	0	1	192	17	0	0	209
																							1
	WBR	157	162					0	0	0	0	0	0	0	0	0	0	0	162	0	0	0	163

									A	ТТАСНМЕ		- Interse Countylin		signmer	nt								
Intersection	Direc tion	Existing Counts	ground		I	Diversior	IS		FEC Park of Commerce DRI	E Miramar Areawide	Country Lakes DRI	Grass	Dunwoody Estates	Graham East	Graham West	Doral Place	Islands of Doral	Total Committed Developments	Future wo Project	Project	Pass-by Trips	Diverted Linked	Future w Project
		2007	2018	4	3	2	1	Total		DRI		Lakes							2018			Trips	2018
NW 122 STREET /	NBL	236	244					0	0	0	0	0	0	0	0	0	0	0	244	4	0	0	247
NW 87 Avenue	NBT	858	887					0	0	0	5	6	13	0	13	0	0	37	924	1	0	0	925
	NBR	116	120					0	0	0	0	0	0	0	0	0	0	0	120	0	0	0	120
	SBL	246	254					0	0	0	0	0	3	0	0	0	0	3	258	15	0	0	272
Growth Rate:	SBT	626	647					0	0	0	14	5	7	0	7	0	0	32	679	3	0	0	682
0.6%	SBR	125	129					0	0	0	0	0	0	0	0	0	0	0	129	6	0	0	135
50.0%	EBL	156	161					0	0	0	0	0	0	0	0	0	0	0	161	13	0	0	174
	EBT	394	407					0	49	0	0	0	0	5	0	0	0	54	461	10	0	0	471
	EBR	117	121					0	0	0	0	0	0	0	0	0	0	0	121	8	0	0	129
	WBL	201	208					0	0	0	0	0	0	0	0	0	0	0	208	0	0	0	208
	WBT	426	440					0	27	0	0	0	0	2	0	0	0	29	469	4	0	0	473
	WBR	333	344					0	0	0	0	0	7	0	0	0	0	7	351	7	0	0	357
TOTAL		3,834	3,962	0	0		0											162	4,124	70			4,194

Truck Factor Adjustment

Roadway	Limits	Actual T Factor	LOS Handbook % Trucks for Facility	Difference between Generalized and Actual	Heavy Vehicle Factor (equation 21-3 HCM)	Factor Used to Increase Existing Vol
Palmetto Expressway	though Study Area	4.69	4 (1)	0.69	0.997	1.003
I-75	though Study Area	13.20	4 (1)	9.2	0.956	1.046
HEFT	though Study Area	8.14	6 (2)	2.14	0.989	1.011
Okeechobee Rd/US 27	WEST OF HEFT	12.81	2 (3)	10.81	0.949	1.054
	WEST OF 103 ST	15.34	2 (3)	13.34	0.937	1.067
	WEST OF 826	7.36	2 (3)	5.36	0.974	1.027
	EAST OF 826	6.44	2 (3)	4.44	0.978	1.022
Gratigny Expressway	though Study Area	4.69	4 (1)	0.69	0.997	1.003
Notes:	(1) Class IV Freeway.	(2) Class III Free	way. (3) Uninterr	upted Flow Highway		
					Source	David Plummer and Associates, Inc.

ATTACHMENT 21-6: Truck Factor Adjustment Beacon Countyline DRI