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Miami-Dade County

American Dream Miami & The Graham Project

Transportation Impact Analysis for CDMP Amendment

October 10, 2016

Leftwich Consulting Engineers, Inc.

American Dream Miami
&
The Graham Project

MIAMI-DADE COUNTY, FLORIDA

TRANSPORTATION IMPACT ANALYSIS (TIA)
for
Comprehensive Development Master Plan (CDMP) Amendment

AND SUPPORTING TRAFFIC STUDIES

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EXECUTIVE SUMMARY

This report has been prepared as part of the application process for the American Dream Miami (ADM) and the Graham Projects. American Dream Miami is proposed as a unique retail/entertainment complex with 6,200,000 square feet of gross space, of which 3,500,000 square feet is leasable retail area, plus 2,000 on-site hotel rooms. The site is to be located on +/-194 acres of property currently designated as "Industrial and Office" use in the County Land Use Plan Map. The American Dream Miami property is generally located east of the Homestead Extension of Florida's Turnpike (HEFT), west of Interstate 75 (I-75), and north of a future NW 178th Street alignment. Project build-out is anticipated by Year 2020.

The Graham Project is proposed as a mixed-use development to be located immediately south of American Dream Miami between HEFT and I-75 on +/-340 acres of property south of future NW 178th Street and north of future NW 170th Street. This property is also currently designated as "Industrial and Office" use in the County Land Use Plan Map. Plans for the Graham Project call for 150,000 square feet of retail, 250,000 square feet of business park, and 500 multi-family dwelling units to be developed by Year 2020. At some point after Year 2020 and before Year 2040, build-out development is anticipated at 1,000,000 square feet of retail, 3,000,000 square feet of business park, and 2,000 multi-family dwelling units.

SUMMARY OF ANALYSES PRESENTED

The ADM and the Graham projects are projected to have respectively approximately 70,000 and 10,000 daily external trips on surrounding roadways by the year 2020. By the year 2040, the Graham Project is forecast to produce a total of approximately 60,000 daily external trips. Since the two Projects are located so closely to one another, one traffic impact analysis report has been requested to be prepared for the two sites to ensure that they take into consideration the impact of the other project's traffic when evaluating traffic conditions by the year 2020 and 2040 respectively. To address the impacts of the two Projects, three different scenarios are considered:

- **ADM Analyses**-The Impact of ADM with Non-Project Background Traffic
- **Graham Analyses**-The Impact of Graham with Non-Project Background Traffic
- **Combined Analyses**-The Combined Impacts of ADM plus Graham with Non-Project Background Traffic

Description of CDMP vs. Zoning vs. Concurrency Analyses

For each of the scenarios, a Comprehensive Development Master Plan (CDMP) and a Zoning analysis is prepared for each Project and also includes a concurrency evaluation based on MDC inventoried vested trips for surrounding area development.

There are distinct differences between the three types of analyses. The differences between the CDMP and the Zoning scenarios are as follows:

- **CDMP** - The CDMP analyses year 2020 and year 2040 AM and PM future traffic conditions based on the assumption that all planned cost feasible projects are in place by their respective years, as **per Table I-11** and **Table I-12**. In other words, the TIP improvements referenced as "Year 2020 Committed Projects" and the MPO LRTP projects referenced as "Year 2040 Cost Feasible LRTP Improvements," along with two Miami-Dade County requested 2040 projects, serve as the roadway networks for the short-term and the long-term traffic forecasts and analyses depending on the implementation year. Also included in the two networks are the improvements identified in the Table as "Year 2020 Planned Improvements" which are assumed to be in place for both of the study years. The networks are referenced both for the model runs and for the capacity level of service analyses. Background growth is derived based on review of historical growth on individual roadway links. No intersection analyses are performed for the CDMP scenario.

- **Zoning** - The Zoning analyses represent the "mini-DRI" analyses and are performed for both the AM and the PM. They include only those improvements which are funded within the first three years. As such, the "Year 2020 Committed Improvements" from **Table I-11**, along with the "Year 2020 Planned Improvements", represent the roadway network for both the short-term 2020 and the long-term 2040 Zoning model runs and link level of service analyses. Again, the 2020 roadway network is the basis for both the Zoning model runs and the roadway link analyses. Background growth is derived based on review of historical growth on individual roadway links. The Zoning results also include intersection Level of Service evaluations, again with the limit of only considering any improvements committed for funding for the first three years of the TIP.

- **Concurrency** - The Concurrency analysis is only performed for the Year 2020 PM conditions. It differs from the CDMP and the Zoning analyses in that it does not rely on historical growth as the basis for deriving background trips. Instead, background trips are evaluated by reviewing the Miami-Dade County Vested Trips Databases, along with recently approved traffic studies as furnished by County staff. Again, the 2020 roadway network is the basis for both the model runs and the roadway link analyses (e.g. **Table I-11**).

As a side note, the Year 2020 CDMP and the Year 2020 Zoning roadway link analyses are exactly the same and present the same traffic forecasts and results. A detailed overview of the differences between the CDMP and the Zoning scenarios was submitted to Miami-Dade County staff in an email dated August 11, 2016 (reference **Appendix I-A-14**).

Link Analyses

The following summarized the different roadway link analyses which are to be performed:

- Year 2020 Concurrency
- Year 2020 CDMP
- Year 2020 Zoning
- Year 2040 CDMP
- Year 2040 Zoning

In addition, an AM and a PM peak hour level of service analysis is performed for each. The PM analyses serve to evaluate the traditionally highest traffic conditions for an average weekday and the AM analyses have been requested to provide information pertaining to impacts near school sites. The Year 2020 Concurrency Analyses are prepared for the PM peak only consistent with standard concurrency analyses and for each of the three scenarios. All in all, the ADM and Graham Project traffic analysis are therefore reviewed for three different scenarios, five separate LOS analyses, and for the two requested peak periods. Existing traffic conditions for the AM and PM period is also presented. The result is 29 separate roadway link traffic impact analyses.

Intersection Analyses

Furthermore, for the year 2020 and year 2040 Zoning analyses intersection evaluations are required. Both AM and PM peak hour level of service reviews are prepared. The following summarizes the number of intersection analyses prepared per intersection:

1. Existing-AM
2. Existing-PM
3. Year 2020 Background-AM
4. Year 2020 Background-PM
5. Year 2040 Background-AM
6. Year 2040 Background-PM
7. Year 2020 Total Combined ADM and Graham Included-AM
8. Year 2020 Total Combined ADM and Graham Included-PM
9. Year 2040 Total Combined ADM and Graham Included-AM
10. Year 2040 Total Combined ADM and Graham Included-PM

As noted, 10 separate intersection level of service operational analyses are prepared for each of the 29 intersections being reviewed. In addition, each future intersection analysis is reviewed for potential mitigation needs and where needed mitigation analyses are performed as well.

Since there is no separate analyses for the individual Total trips with the ADM nor with the Graham trips, the Total Combined ADM and Graham intersection analyses serve as the premise for evaluating impacts and include reference to individual Project trips for estimating fair share.

Supporting Analyses

Supporting studies are included in this Report and its Appendices for the following additional considerations, along with summaries of their respective findings:

- Bridge Analyses at NW 154th St and/or NW 170th St (per MDC request)
- Preliminary Impact Fee Assessments for each Project
- Preliminary Air Quality Review for each Project
- Weekend Review for the ADM Project

ORGANIZATION OF REPORT

To organize this many separate traffic impact reviews, the subsequent report is organized into the following four distinct Chapters:

- Chapter I – General overview of the two projects, their trip generation, their background traffic, their trip distributions, and traffic assignment
- Chapter II – Future year traffic impacts associated with the ADM Site
- Chapter III – Future year traffic impacts associated with the Graham Site
- Chapter IV – Future year traffic impacts associated with the Combined ADM and Graham Sites

The latter Combined ADM and Graham Chapter is for ***informational purposes only***. Each individual Project will be responsible for its own traffic mitigation needs and the Combined analyses serves as supporting information for review agencies to have a clear vision of the impacts of the two Projects on local roadways by respectively the year 2020 and the year 2040.

SUMMARY OF IMPROVEMENTS

There are two categories of roadway improvements applicable to the ADM and the Graham CDMP TIA. First, there are those roadway improvements which were assumed to be in place for the various analyses presented in this report (e.g. baseline improvements). Second, there are those improvements identified in this report to meet acceptable LOS based on forecast traffic.

Baseline Roadway Improvements

A summary of the roadway projects proposed as part of the study area roadway improvement plan for American Dream Miami and the Graham Project is presented in **Exhibit 1** and reflects those improvements that are baseline for the two projects, prior to reviewing additional mitigation needs. For the Year 2020 Planned Improvements, notes are included regarding the timelines and agencies that will be coordinated with for these projects, along with whether the projects are included in the Miami-Dade County Cost Feasible Plan.

Exhibit 1:
Baseline Roadway Improvements

Year 2020 Committed Improvements

Roadway	From	To	2020 No. of Lanes	Improvement	TIP #	FY
Florida's Turnpike /HEFT/SR 821	Bird Road	SR 836 (Dolpin Expwy)	6+4	Widen to 10L incl Express	U/C	2019
	SR 836 (Dolphin Expwy)	NW 106th Street	6+4	Widen to 10L incl Express	435543-1	2018/2019
	NW 106th Street	Interstate 75	6+4	Widen to 10L incl Express	435542-1	2017/2018
	Interstate 75	CR 823/Red Rd	6+2	Widen to 8L incl Express	435546-1	2016
	CR 823/Red Rd	Miramar Toll Plaza	6+2	Widen to 8L incl Express	429328-1	2017
Interstate 75	I-595	N of Griffin Rd	8+4	Add Special Use Lanes	4217076	2017
	Griffin Rd	Sheridan St	8+4	Add Special Use Lanes	4217075	2017
	Sheridan St	Miramar Pkwy/ S 33rd St	10+4	Add Special Use Lanes	4217074	2017
	Miramar Pkwy/ S 33rd St	Florida's Turnpike	12+4	Add Special Use Lanes	4217073	2017
	Florida's Turnpike	NW 170th St	10+4	Add Special Use Lanes	U/C	U/C
	NW 170th St	SR 826	8+4	Add Special Use Lanes	4326871	2017
SR 826	NW 154th St	I-75	6+2			
	I-75	NW 103rd St	6+4			
	NW 103rd St	NW 36th St	8+4			
	NW 36th St	Flagler St	10+2			

Source: Miami-Dade and Broward TIPs

Year 2020 Planned Improvements

Roadway	From	To	2020 No. of Lanes	Improvement	Coordinate With	FY	LRTP CF Plan Priority #
NW 102nd Ave	NW 178th St	ADM Project Access Rd	New 4	ADM Project	MDC	2020	N/A
Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Eastern Ramps	New 6	ADM Project	FDOT/MDC	2020	IV(4L)
NW 170th St	Florida Turnpike	NW 97th Ave	New 6	ADM/Graham Project	MDC	2020	III
NW 97th Ave	NW 170th St	NW 178th St	New 4	ADM/Graham Project	MDC	2020	N/A
NW 178th St	Graham Access	I-75	New 4	ADM/Graham Project	MDC	2020	N/A
Interchanges @ I-75/HEFT/Miami-Gardens Dr				Interchange Modifications	FDOT/Turnpike	2020	N/A
Interchange @ HEFT/NW 170th St				New Interchange	Turnpike	2020	N/A

Year 2040 Cost Feasible LRTP Improvements

Roadway	From	To	2040 No. of Lanes	Improvement	Priority #
NW 138th St	Florida's Turnpike	SR 826	6	Extend SR-924 to SR-821 (HEFT) with connections to I-75 and SR- 826	Priority II #30

Year 2040 Miami-Dade County Requested Improvements

Roadway	From	To	2040 No. of Lanes	Improvement	Priority #
NW 107th Ave	NW 138th St	NW 170th St	New 2	Per MDC Request	
NW 102nd Ave	NW 170th St	NW 178th St	New 4	Per MDC Request	

Note: The ADM and the Graham Projects are not dependent on the NW 107th Ave between NW 138th St to NW 170th St. The forecasted traffic can be accommodated on the parallel NW 97th Ave segment which is concluded in the report to need mitigation as a 4 lane facility.

Backlogged and ADM/Graham Recommended Improvements

Based on the findings of the subsequent Report, the roadway and intersection improvements have been identified for the Graham and ADM Projects for years 2020 and 2040 based on the traffic analyses.

Roadway Improvements

The roadway improvements needed to ensure that adequate operating conditions are maintained by years 2020 and 2040 are presented in **Exhibit 2** and represents just those facilities which do not meet adopted LOS. The Combined ADM/Graham Scenario is presented for illustrative purposes. The future year improvements are distinguished based on the following criteria:

- **Backlogged Roadways** represent those roadway segments which fail due to background traffic and do not require mitigation by neither ADM nor Graham. In **Exhibit 2**, these segments are indicated by "**Y**" in the "Backlog Facility" Column followed by the mitigation findings for respectively the background and the total with Project trip number of lanes.
- **Project Responsible Roadways** represent those roadway segments where background traffic does not exceed adopted level of service conditions but rather the Project traffic cause the facility to fail. In **Exhibit 2**, these facilities are blank in the "Backlog Facility Column and are followed by just the mitigation findings for the total with Project trips.

Several notes are applicable to **Exhibit 2**:

- Miami Gardens Dr improvements are highlighted to indicate that there are current plans to widen this facility to six lanes.
- Mitigation was limited to a maximum of additional four lanes. Furthermore, for arterials no more than eight lanes were recommended. Any facility which still fails to meet adopted LOS is highlighted as indicated and include a note that additional Intelligent Transportation System (ITS), transit, or other mitigation should be considered.
- Improvements which are due to either ADM or Graham Project trips and not backlogged conditions are highlighted as noted.
- There are several facilities where the with Combined ADM and Graham Project trip total exceed acceptable LOS conditions, but neither individual Project cause the roadway to fail and therefore neither is responsible for providing roadway widening.
- Finally, there are a few segments where the 5 percent of adopted LOS criteria is not met for Project trips, but total trips exceed adopted level of service conditions. Neither ADM nor Graham are responsible for these improvements.

Exhibit 2: Roadway Segment LOS Analysis - Combined ADM/Graham PM Mitigation Summary

						2020 Concurrency			2020 CDMP/Zoning			2040 CDMP				2040 Zoning			
STA ID	Roadway	From	To	Exist NL	2020 NL	Backlog Facility	# lanes BG Needs	# lanes Total Needs	Backlog Facility	# lanes BG Needs	# lanes Total Needs	2040 NL	Backlog Facility	# lanes BG Needs	# lanes Total Needs	2020 NL	Backlog Facility	# lanes BG Needs	# lanes Total Needs
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	8	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972526		SR 836	NW 12th Street	8	6+4							6+4	Y	8+4	8+4	6+4	Y	8+4	8+4
972230		NW 12th Street	NW 41th Street	8	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972269		NW 41th Street	NW 74th Street	8	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972268		NW 74th Street	NW 106th Street	8	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972272		NW 106th Street	US 27/ Okeechobee Rd	6	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972248		US 27/ Okeechobee Rd	NW 170th St	6	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972248		NW 170th St	Interstate 75	6	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972285		Interstate 75	CR 823/Red Rd	4	6+2							6+2	Y	6+4	6+4	6+2	Y	6+4	6+4
971996		CR 823/Red Rd	CR 817/NW 27th Ave	4	6+2							6+2	Y	6+4	6+4	6+2	Y	8+4	8+4
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	6	6+2							6+2	Y	6+4	6+4	6+2	Y	6+4	6+4
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	8	8							8	Y	10	10	8	Y	10	10
971902		Griffin Rd	Pines Blvd	6	6	Y	8	8	Y	10	10	6	Y	10	10	6	Y	10	10
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	8	8							8	Y	10	10	8	Y	10	10
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	8	8							8	Y	10	10	8	Y	10	10
n/a	NW 102nd Ave	NW 170th St	NW 178th St	-	-							New 4			6	-			
n/a		NW 178th St	ADM Project Access Rd	-	New 4							New 4			6	New 4			
872518	Miami Gardens Dr	Interstate 75 Eastern Ramps	NW 87th Ave	4	4	Y	6*	6*	Y	6*	6*	4	Y	6*	6*	4	Y	6*	6*
872518		NW 87th Ave	NW 82nd Ave	4	4	Y	6*	6*	Y	6*	6*	4	Y	6*	6*	4	Y	6*	6*
872517		NW 82nd Ave	NW 77nd Ave	4	4							4			6*	4			6*
878243	NW 97th Ave	NW 154th St	NW 170th St	2	2							2			4	2			4
n/a		NW 170th St	Graham Access	-	New 4						6	New 4				New 4			
n/a		Graham Access	NW 178th St	-	New 4						6	New 4				New 4			6
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	4	4	Y	6	6	Y	6	6	4	Y	6	6	4	Y	6	6
n/a	Miramar Pkwy	SW 160th Ave	Interstate 75	6	6	Y	8	8	Y	8	8	6	Y	8 Max	8 Max	6	Y	8 Max	8 Max
n/a		Interstate 75	SW 148th Ave	6	8							8				8			
867326		SW 148th Ave	Flamingo Rd	6	6							6			8	6			8
877076	NW 122nd St	N Okeechobee Rd	NW 97th Ave	2	2	Y	4	4	Y	4	4	2	Y	6	6	2	Y	6	6
870575	SR 826	I-75	NW 122nd St	8	6+4							6+4	Y	8+4	8+4	6+4	Y	8+4	8+4
870574		NW 122nd St	NW 103rd St	10	6+4			8+4	Y	8+4	8+4	6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
870553		NW 103rd St	N Okeechobee Rd	10	8+4	Y	10+4	10+4	Y	12+4	12+4	8+4	Y	12+4	12+4	8+4	Y	12+4	12+4
875252	Okeechobee Rd	W 16th Ave (Milam Dairy Rd)	Hialeah Expy	6	6							6	Y	8	8	6	Y	8	8
875252		Hialeah Expy	NW 57th Ave (Red Road)	6	6							6	Y	8	8	6	Y	8	8
875252		NW 57th Ave (Red Road)	Hialeah Dr	6	6							6	Y	8	8	6	Y	8	8
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	6	6				Y	8	8	6	Y	8 Max	8 Max	6	Y	8 Max	8 Max

* Miami Garden Dr planned to be widened to 6L

Fails due to Project traffic

Capacity needs more than 4 additional lanes or reasonable maximum number of lanes reached (e.g. NL Max); additional ITS, transit or other mitigation options should be considered

Fails due to Combined Project traffic; but neither ADM nor Graham fails thus nether is responsible for widening

Fails due to total traffic but Study Area Link 5% of Adopted LOS significance test not met

Intersection Improvements

The intersection improvements needed to ensure that adequate operating conditions are maintained by years 2020 and 2040 are presented in **Exhibit 3** and represents just those facilities which do not meet adopted LOS. The future year improvements are distinguished based on the following criteria:

- **Backlogged Intersections** represent those roadway segments which fail due to background traffic and do not require mitigation by neither ADM nor Graham. In **Exhibit 3**, these segments are indicated in the "Background Mitigations" columns for respectively year 2020 and year 2040.
- **Project Responsible Roadways** represent those roadway segments where background traffic does not exceed adopted level of service conditions but rather the Project traffic cause the facility to fail. In **Exhibit 3**, these segments are indicated with a project-specific highlight in the "Total Mitigation with Combined Traffic" columns for respectively year 2020 and year 2040.

Several notes are applicable to **Exhibit 3**:

- Improvements which occur with inclusion of Total ADM or Graham Project trips and not backlogged conditions but the approach roadway link does not meet the five percent of LOS capacity criteria are highlighted as noted.
- Improvements which are due to backlogged conditions are highlighted as noted.
- Improvements which are due to ADM Project trips and not backlogged conditions are highlighted as noted.
- Improvements which are due to both ADM and Graham Project trips and not backlogged conditions are highlighted as noted.

ADM and Graham Fair Shares of Transportation Improvements

Fair share for roadway and intersection improvements associated with the two Project Sites are addressed next.

Roadway Segment Fair Share Estimates

The only roadway improvement which is applicable for the ADM and the Graham Sites are the widening associated with the following segments:

- NW 97th Ave between NW 154th St and NW 170th St - 4L by 2040 (Zoning Only)
- NW 97th Ave between NW 170th St and NW 178th St - 6L by 2020 (Zoning Only)

As noted in **Exhibit 1**, NW 97th Ave between NW 170th St to NW 178th St is one of the Year 2020 Planned Roadway improvements needed to accommodate the ADM and the Graham Sites and thus should instead be planned as a six lane facility. The ADM and Graham Projects will be responsible for implementing the necessary improvements to this segment of NW 97th Ave.

Exhibit 3: Summary of 2020 and 2040 Intersection Mitigation Improvements

Description			Year 2020 Mitigation Results		Year 2020 ADM/Graham Project Improvements				Year 2040 Mitigation Results		Year 2040 ADM/Graham Project Improvements			
ID	Intersection	Movement	Background Mitigation	Total Mitigation w/ Combined Traffic	Imp (ADM)	Fair Share (ADM)	Imp (Graham)	Fair Share (Graham)	Background Mitigation	Total Mitigation w/ Combined Traffic	Imp (ADM)	Fair Share (ADM)	Imp (Graham)	Fair Share (Graham)
1	NW186th St/Miami Gardens Dr & NW 87th Ave	EBT							Add one Thru lane					
		WBL	Add one left lane						Add one left lane					
		WBT	Replaced shr thru & add sep right						Replaced shr thru & add sep right					
		WBR												
		NBL	Add one left lane						Add one left lane					
		SBL	Add one left lane						Add one left lane					
		SBT	Add one thru lane						Add one thru lane					
2	NW 186th St/ Miami Garden Dr & NW 82nd Ave	EBL	Add one left lane						Add one left lane					
		EBT		Add one Thru lane	Yes	10.95%	n/a	n/a		Add one thru lane	Yes	8.59%	Yes	11.02%
		EBR	Add one right lane						Add one right lane					
		WBL	Add one left lane						Add one left lane					
		WBT								Add one thru lane	Yes	7.46%	Yes	14.18%
		WBR	Add one right lane						Add one right lane					
		NBL	Add one left lane						Add one left lane					
		NBR	Add one right lane						Add one right lane					
		SBL	Add one left lane						Add one left lane					
		SBT							Add one thru lane					
3	NW 186th ST/ Miami Garden Dr & NW 79th Ave	EBL	Add one left lane						Add one left lane					
		WBT							Add one thru lane					
		WBR	Add one right lane						Add one right lane					
		SBL	Add one left lane						Add one left lane					
4	NW 186th ST/ Miami Garden Dr & W Oakmont Dr	EBL	Add one left lane						Add one left lane					
		EBR							Add one right lane					
		WBL	Add one left lane						Add one left lane					
		WBT	Add one thru lane						Add one thru lane					
		WBR							Add one right lane					
		NBL	Add two left lanes						Add two left lanes					
		NBT	Add one thru lane						Add one Thru lane					
		SBL	Add two left lanes						Add two left lanes					
5	NW 175th PL & NW 186th ST/ Miami Garden Dr	EBT	Add one thru lane						Add one thru lane					
		WBL	Add one left lane						Add one left lane					
		NBL	Add one left lane						Add one left lane					
6	NW 73th Ave & NW 186th St/ Miami Garden Dr	EBL	Add one left lane						Add one left lane					
		WBL	Add one left lane						Add one left lane					
		WBT							Add one thru lane					
7	NW 186th St / Miami Gardens Dr & NW 68 Ave	EBR							Add one right lane					
		NBL	Add one left lane						Add one left lane					
8	NW 186th St / Miami Garden Dr & Bobolink Dr	WBT	Add one Thru lane						Add one thru lane					
		WBR	Add one right lane						Add one right lane					
9	NW 186th St / Miami Gardens Dr & NW 67th Ave	EBR							Add one right lane					
		WBR							Add one right lane					
		NBR							Add one right lane					
		SBR	Add one right lane						Add one right lane					
10	NW 186th St/ Miami Gardens Dr & NW 62th Ave	EBL	Add one left lane						Add one left lane					
		EBT							Add one thru lane					
		NBL	Add one left lane						Add one left lane					
		SBL	Add one left lane						Add one left lane					
11	NW 186th St / Miami Gardens Dr & 823 St /Red road	EBR	Add one right lane						Add one right lane					
		NBT	Replaced shr thru & add sep right						Replaced shr thru & add sep right					
		NBR												
		SBR	Add one right lane						Add one right lane					
14	N Okeechobee Rd & Ronal Reagan Turnpike Ramp (S)	EBL		Add one Left lane					Add one left lane					
		EBT							Add one thru lane					
		NBT							Add one thru lane					
		NBR							Add one right lane					

Exhibit 3: Summary of 2020 and 2040 Intersection Mitigation Improvements

Description			Year 2020 Mitigation Results		Year 2020 ADM/Graham Project Improvements				Year 2040 Mitigation Results		Year 2040 ADM/Graham Project Improvements			
ID	Intersection	Movement	Background Mitigation	Total Mitigation w/ Combined Traffic	Imp (ADM)	Fair Share (ADM)	Imp (Graham)	Fair Share (Graham)	Background Mitigation	Total Mitigation w/ Combined Traffic	Imp (ADM)	Fair Share (ADM)	Imp (Graham)	Fair Share (Graham)
15	N Okeechobee Rd & Ronal Reagan Turnpike Ramp (N)	WBT	Add one Thru lane						Add one thru lane					
17	823 St/ Red road & Ronald Reagan Turnpike Ramp (W)	WBR							Add one right lane					
20	N Okeechobee Rd / N Okeechobee Rd & NW 138 St	EBL	Add one left lane						Add one left lane					
		WBL	Add one left lane						Add one left lane					
		NBL	Add one left lane						Add one left lane					
		SBL		Add one left lane					Add one left lane					
23	N Okeechobee Rd & Hisleah Gardens Blvd	NBT	Add one thru lane						Add one thru lane					
		NBR	Add one Right lane						Add one right lane					
		SBT	Add one thru lane						Add one thru lane					
		SBR							Add one right lane					
44	W 68th St & Hialeah Gardens Blvd	EBL	Add one left lane						Add one left lane					
		EBT	Add one Thru lane						Add one thru lane					
		EBR	Add one Right lane						Add one right lane					
		WBL	Add one left lane						Add one left lane					
		WBR	Add one Right lane						Add one right lane					
		NBL	Add one left lane						Add one left lane					
		NBR	Add one Right lane						Add one right lane					
		SBL		Add one left lane					Add one left lane					
50	NW 170th St & NW 87th Ave	EBR							Add one right lane					
		WBL	Add one left lane						Add one left lane					
		SBL	Add one left lane						Add one left lane					
51	130th St & Hialeah Gardens Blvd	EBL	Add one left lane						Add one left lane					
		EBT	Add one Thru lane						Add one thru lane					
		EBR	Add one Right lane						Add one right lane					
		WBL	Add one left lane						Add one left lane					
		NBT	Add one Thru lane						Add one thru lane					
		SBL	Add one left lane						Add one left lane					
52	W 80th St & Hialeah Gardens Blvd	EBL	Add one left lane						Add one left lane					
		WBL	Add one left lane						Add one left lane					
		NBL	Add one left lane						Add one left lane					
		NBT	Add one Thru lane						Add one Thru lane					
		SBL							Add one left lane					
		SBT												
53	W 84th St & Hialeah Gardens Blvd	EBL	Add one left lane						Add one left lane					
		EBT	Add Two Thru lanes						Add two thru lanes					
		EBR	Add one Right lane						Add one right lane					
		WBL	Add one left lane						Add one left lane					
		WBT												
		WBR	Add one Right lane						Add one right lane					
		NBT							Add one thru lane					
		SBL	Add one left lane	Add one left lane					Add one left lane					
54	138th St/ I-75 Ramp(E) & Hialeah Gardens Blvd	EBT	Add Two Thru lanes						Add one thru lane					
		WBT	Add Two Thru lanes						Add one thru lane					
		WBR		Add one Right lane										
		NBL	Add one left lane						Add one left lane					
		SBL							Add one left lane					
		SBT	Add one Thru lane						Add one thru lane					

Legend:

	Project trips are not significant on link
	Improvement required due to Background LOS analysis
	Improvement required due to ADM future LOS analysis
	Improvement required due to Combined (ADM and Graham) future LOS analysis

The other improvement is located south of NW 170th and is currently a two lane facility with widening proposed for a four lane facility. The total Combined northbound trips by the Year 2040 Zoning PM Peak Hour Analysis is 933 peak hour peak direction trips, which exceed adopted LOS D peak hour peak direction capacity of 792 trips. ADM contributes 97 and Graham contributes 197 peak hour peak direction northbound trips. Their corresponding fair share estimates are: ADM is 10.4 percent (97/933 Trips) and Graham is 21.1% (197/933 Trips).

Intersection Turning Movement Fair Share Estimates

The intersection improvements are identified by individual approach and are specific to the turning movement needing implementation. The intersection fair share estimates for respectively the ADM and the Graham Sites are included in **Exhibit 3** along with **Appendix IV-D** (2020) and **Appendix IV-E** (2040).

Transit Accommodations

Transit is proposed to be accommodate at both the ADM and the Graham Sites. A detailed description of each is presented in Chapter I, Section 12 "Transit Accommodations."

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CHAPTER I: GENERAL INFORMATION

This Transportation Impact Analysis (TIA) was prepared on behalf of International Atlantic, LLC ("the Applicant") to accompany applications for amendments to the Miami-Dade County Comprehensive Development Master Plan (CDMP) for the proposed American Dream Miami and adjacent Graham Project in north Miami-Dade County. The Applicants are proposing to undergo standard amendments to the Miami-Dade CDMP. As such, this TIA was prepared in accordance with the County's *Instructions for Preparing Applications* document dated April 2015, as well as a methodology statement and follow-up responses to agency comments as listed below. In addition, the County provided a table titled *Status of Transportation Impact Analysis Report for the American Dream Miami and The Graham Project CDMP Amendment Applications* (included in **Appendix I-A-10**).

1. OVERVIEW OF CDMP AND SUPPORTING TRAFFIC ANALYSES

In addition to the CDMP Amendment TIA for the ADM and the Graham Projects, several supporting traffic impact analyses are also provided. The supporting information pertain to the following:

- **Year 2020 Concurrency Analysis** - PM Peak Hour with Inclusion of County's Vested Trips
- **Year 2020 and 2040 CDMP AM Analyses** - Prepared at Agencies' Request for Purposes of School Review Impacts
- **Year 2020 and 2040 Zoning Analyses** - Similar to the Development of Regional Impact (DRI) Question 21 Analysis and for the AM and PM Peak Hours
- **Preliminary Air Quality Analysis** - Consistent with the previous DRI Question 22
- **Weekend Analysis** - to Assess Whether the Weekend Peak Hour of Generator Traffic Impacts are More Significant than the Traditional PM Weekday Impacts
- **Preliminary Impact Fee Analysis** - Based on the County's Impact Fee Formula, Updated Impact Fee Assessment Costs were Prepared for each of the Projects with Site Specific Trip Generation Information
- **Bridge Analyses** - The Potential Impact of Adding Bridge Connections on NW 154th ST and NW 170th St were Compared to the Base Condition of Not Adding Either or Both Bridges

The Concurrency, CDMP and Zoning analyses are included in the Updated Report. The other supporting information is addressed in the Report as well, with backup information contained in Attachments to the Report.

2. DESCRIPTION OF PROPOSED ADM AND GRAHAM SITES

As described in detail in the CDMP application, American Dream Miami is proposed as a unique retail/entertainment complex with 6,200,000 square feet of gross space, of which 3,500,000 square feet is leasable retail area, plus 2,000 on-site hotel rooms. The site is to be located on +/-194 acres

of property currently designated as "Industrial and Office" use in the County Land Use Plan Map. The American Dream Miami property is generally located east of the Homestead Extension of Florida's Turnpike (HEFT), west of Interstate 75 (I-75), and north of a future NW 178th Street alignment. Project build-out is anticipated by Year 2020.

The Graham Project is proposed as a mixed-use development to be located immediately south of American Dream Miami between HEFT and I-75 on +/-340 acres of property south of future NW 178th Street and north of future NW 170th Street. This property is also currently designated as "Industrial and Office" use in the County Land Use Plan Map. Plans for the Graham Project call for 150,000 square feet of retail, 250,000 square feet of business park, and 500 multi-family dwelling units to be developed by Year 2020. At some point after Year 2020 and before Year 2040, build-out development is anticipated at 1,000,000 square feet of retail, 3,000,000 square feet of business park, and 2,000 multi-family dwelling units.

Figure I-1 provides general locations for the American Dream Miami and Graham Project on the existing roadway network. **Figure I-2** shows the anticipated primary access points for the proposed developments.

3. COORDINATION WITH REVIEW AGENCIES

In preparation for the CDMP TIA and the currently submitted updated CDMP TIA with Supporting Traffic Studies, the following timeline shows major meetings that have occurred and documents (provided in **Appendix I-A**) that have been submitted to Miami-Dade County to date:

- September 8, 2015: CDMP TIA Methodology Technical Memorandum (TM) for American Dream Miami dated September 3, 2015 was submitted.

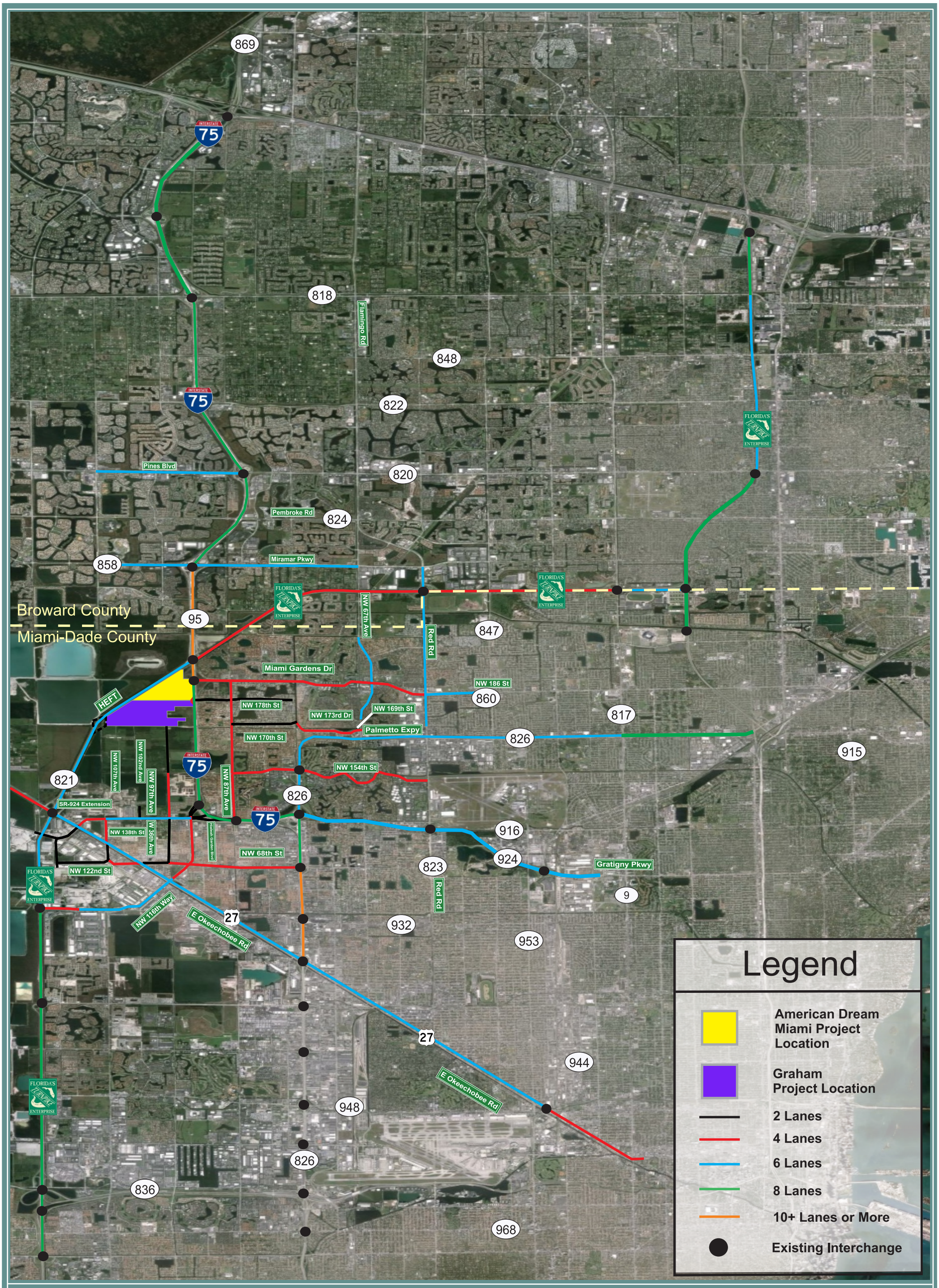
- September 21, 2015: CDMP TIA Methodology Meeting w/ multiple agencies was held; "American Dream Miami Trip Generation Summary" presentation dated September 17, 2015 was provided.

- October 16, 2015: 1st CDMP TIA Methodology Comment Set Response dated October 16, 2015 was submitted. It included responses to comments from eleven different agencies.

- October 23, 2015: CDMP TIA Follow-up Meeting w/ multiple agencies was held; "American Dream Miami Transportation Methodology Status Update" presentation date October 10/23/15 was provided.

- October 26, 2015: 2nd CDMP TIA Methodology Comment Set Response to Miami-Dade County Transportation and Public Works October 26, 2015 was submitted.

- October 30, 2015: 2nd CDMP TIA Methodology Comment Set Response to FDOT Districts Four and Six dated October 30, 2015 was submitted.



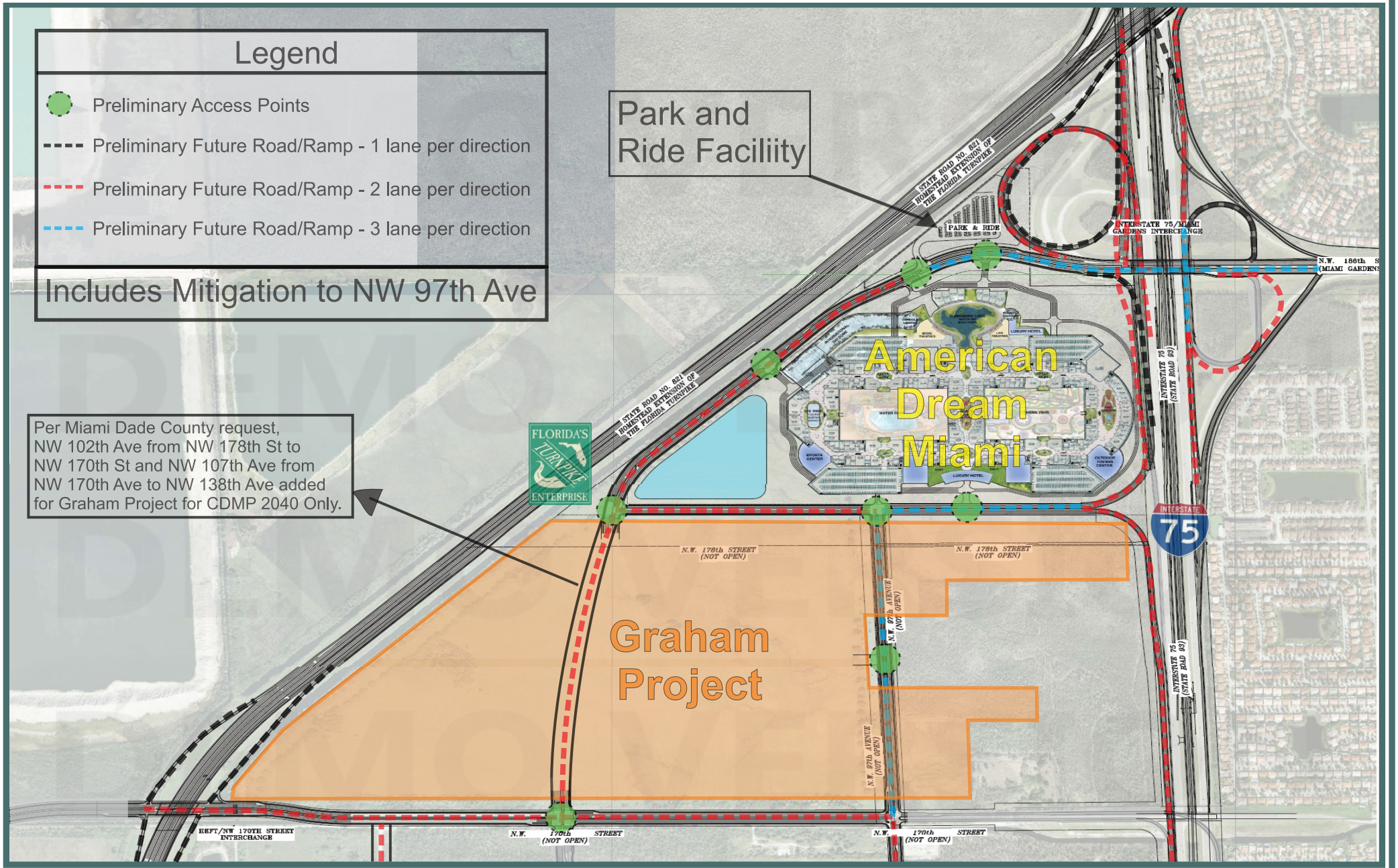
Project Location and Existing Roadways

American Dream Miami / Graham

NTS

Figure:

I-1



Preliminary Access Plan

American Dream Miami / Graham Project

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Figure:
2

- November 17, 2015: 3rd CDMP TIA Methodology Comment Set was received from Miami-Dade County Transportation and Public Works. It was agreed in a follow-up conference call with staff that the Applicant would respond to the comments as part of the CDMP TIA review.

- December 4, 2015: CDMP TIA Methodology Technical Memorandum (TM) Addendum dated November 24, 2015 was submitted to document the intention of analyzing the Graham Project in the American Dream CDMP TIA.

- February 19, 2016: Additional Trip Generation Discussion Information was shared. The information included discussion relating to ADM trip generation, vehicle occupancy and pass-by and was presented in the format of a presentation titled *American Dream Miami Trip Generation, Continued Discussion*

- February 22, 2016: MDC provided a status review of the CDMP titled *Status of Transportation Impact Analysis Report for the American Dream Miami and The Graham Project CDMP Amendment Applications*

- March 18, 2016: MDC provided approval of Trip Generation procedure for the ADM Site in an email from the County Assistant Director for Planning.

- March 24, 2016: FDOT provided approval of Trip Generation procedure for the Project in a letter from FDOT Planning Manager on behalf of FDOT District Four and Six

- June 22, 2016: CDMP TIA Report Comment Set Response submitted relating to the December 22, 2015 report. It included responses to comments from eight different agencies.

- July 18, 2016: Response to Miami-Dade County email request for sample calculation on PHP values referred to as *Sample Calculation for MDC - From Traffic County PHP to Future Volume.*

- August 11, 2016: Response to Miami-Dade County email request for clarification on the differences between the CDMP and the Zoning analyses.

- September 7, 2016: CDMP TIA Report Comment Set Response submitted relating to the June 22, 2016 report (2nd Response). It included responses to comments from seven different agencies and references the *Miami-Dade County Transit Impact Report* (provided separately in **Appendix I-A-17**)

- September 9, 2016: CDMP TIA and Supporting Traffic Studies Comment and Response Set Meeting w/ multiple agencies was held at the South Florida Regional Council to discuss the status of the CDMP and TIA report and agencies comments.

- October 7, 2016: CDMP TIA Report Comment Set Response submitted relating to the June 22, 2016 report with minor additional comment highlighted in red to further address select comment responses.

4. ANALYSIS YEARS

Analysis years for the CDMP and Zoning analyses are as follows:

- Existing Year 2015

- Short-term Year 2020 - to correspond to American Dream Miami Project Build-out Year and Graham Phase 1 schedule

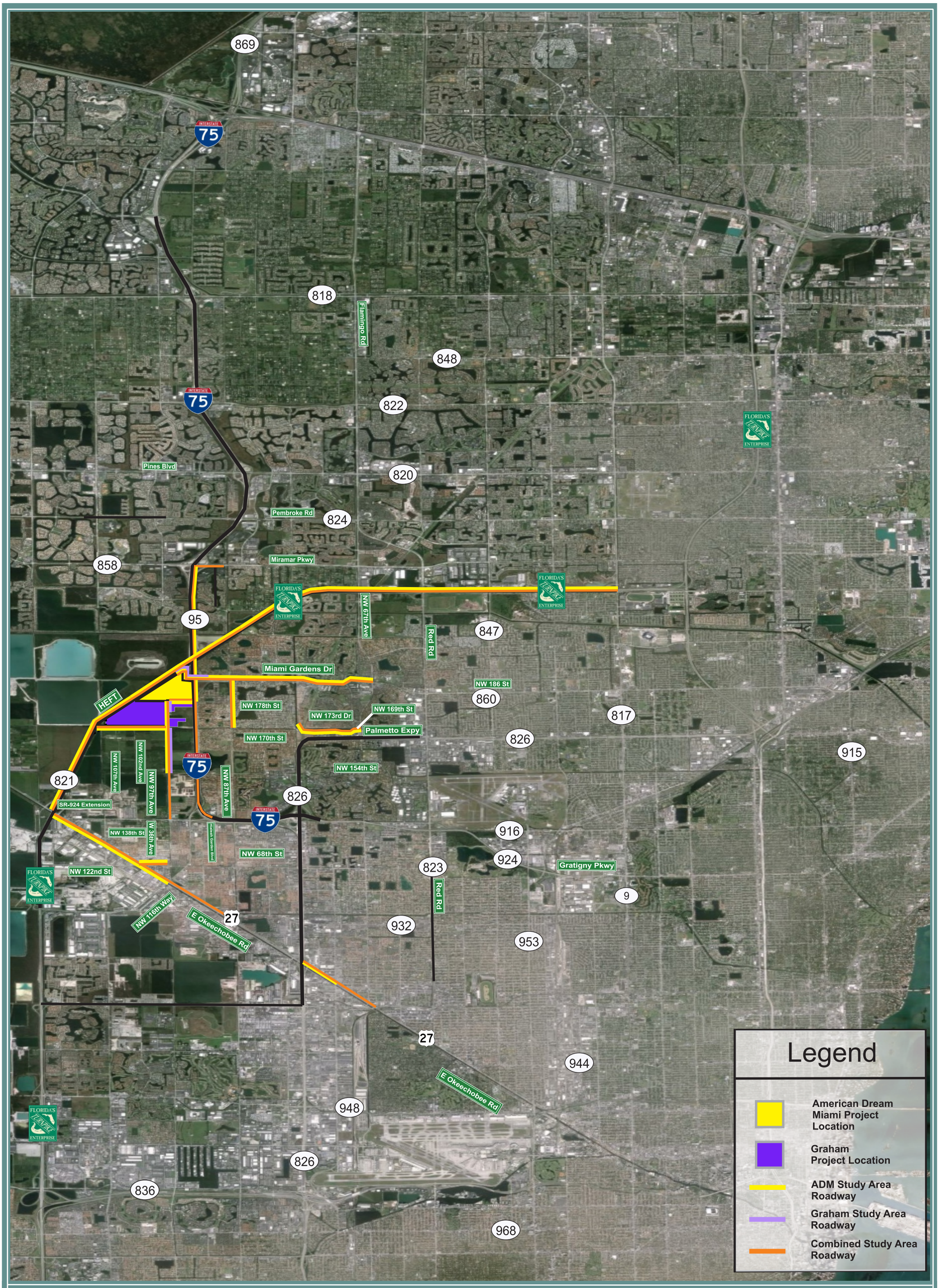
- Long-term Year 2040 - to correspond with Miami-Dade 2040 Regional Long Range Transportation Plan (LRTP)

The Concurrency analyses are prepared for the Year 2020. Other supporting traffic impact reviews are prepared individually and some address Year 2020 and/or Year 2040 where applicable.

5. STUDY AREA

As documented in the County's *Instructions for Preparing Applications*, the study area for American Dream Miami and the Graham Project is determined in terms of degree of project traffic impacts on the surrounding roadway network. Specifically, the study area for each development extends to all significant roadways where external trips from each project are forecast to be equivalent to or greater than five percent (5%) of the maximum service volume (MSV) at the adopted level of service (LOS) standard for each facility. The study area generally defines which roadway segments in the transportation network are analyzed in the Concurrency, the CDMP and the Zoning traffic studies for LOS operation and potential capacity deficiency. Notably, the roadway link analyses extend beyond the required Study Area to address such items as traffic impacts on regional facilities to ensure that the regional nature of the ADM Site trips is addressed. This includes, but is not limited to, such facilities as the Florida's Turnpike/SR 91, HEFT/SR 821, I-75, and Okeechobee Rd.

Trip Generation and Trip Assignment sections later in this report show how the build-out peak hour trips from each project were determined and assigned to the various roadway networks to determine the study area for each project. Additionally, tables provided for future year roadway segment analysis identify where the amount of project trips exceed 5% of the MSV for each facility. **Figure I-3, Figure I-4,** and **Figure I-5** provide the projects' study areas for the Year 2020 CDMP/Zoning (and Concurrency) analyses, the Year 2040 CDMP analyses, and the Year 2040 Zoning analyses, respectively. As noted in the Figures, the ADM, the Graham, and the Combined ADM/Graham Study Area links are identified separately. Each analysis therefore has



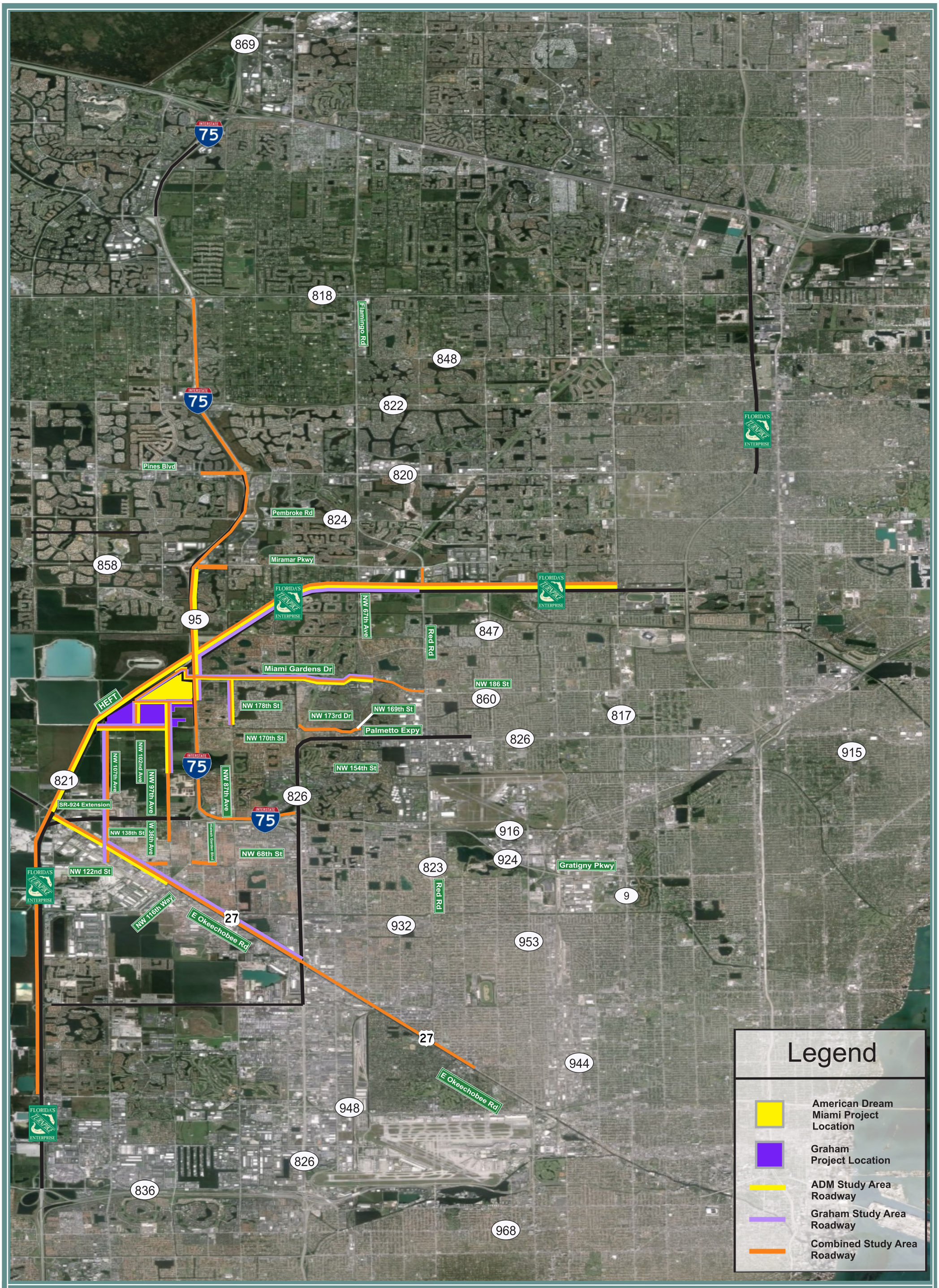
ADM & Graham 2020 Study Area

American Dream Miami / Graham

NTS

Figure:

I-3



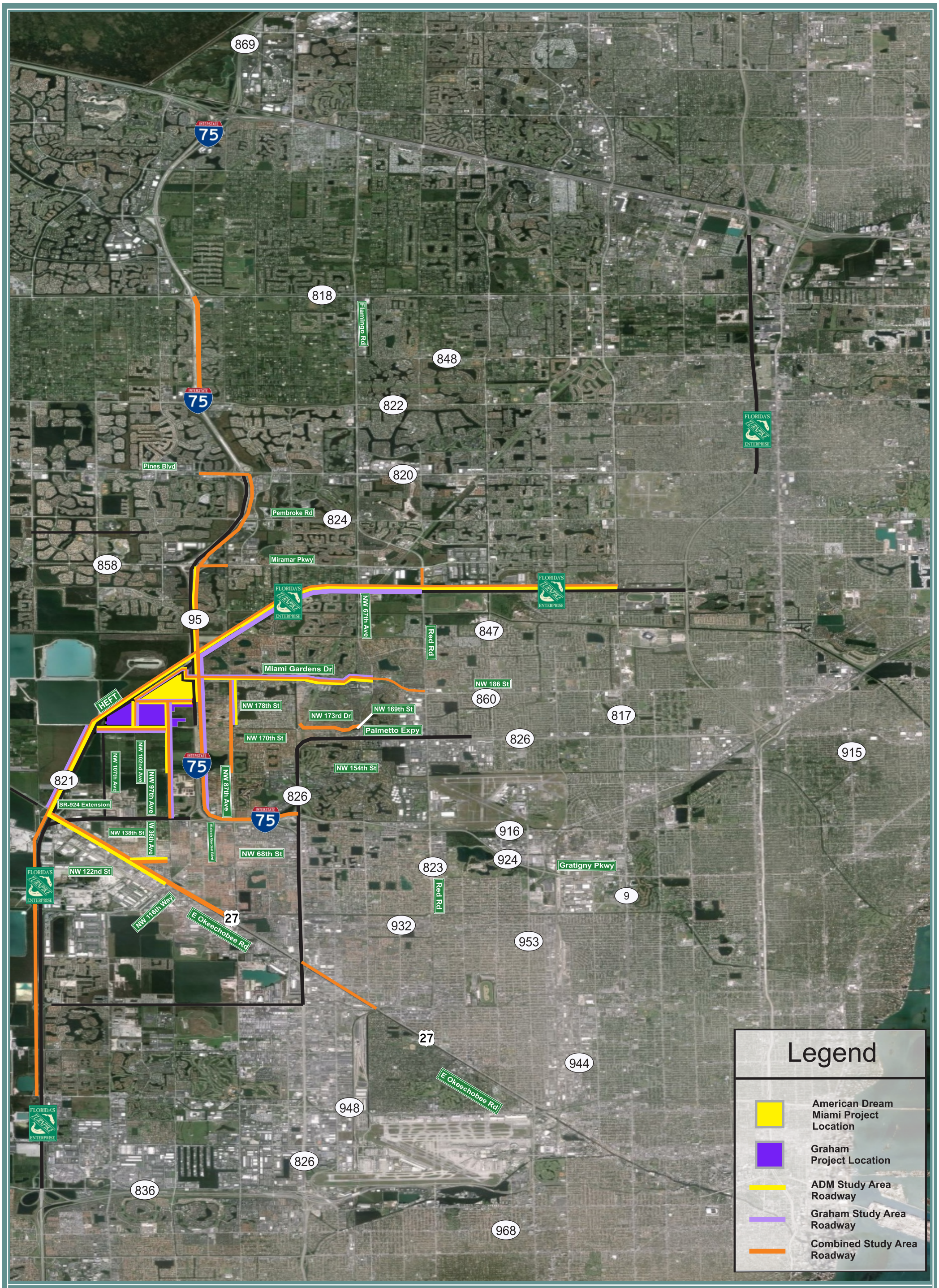
ADM & Graham 2040 CDMP Study Area

American Dream Miami / Graham

NTS

Figure:

I-4



ADM & Graham 2040 Zoning Study Area

American Dream Miami / Graham

NTS

Figure:

I-5

different significant roadway links depending on the Scenario and Future Year being reviewed. **Appendix I-T** contains a tabular summary of the study area links by Scenario analyzed.

6. EXISTING CONDITIONS (Year 2015)

Existing operating conditions on study area roadway segments were determined for the PM peak hour when the highest traffic volumes generally occur. Existing operating conditions were also performed for the AM peak hour (except the Concurrency where only the PM analyses were prepared). The analysis assigns an existing AM and PM peak hour level of service (LOS) to each study area roadway segment by comparing Year 2015 traffic count data to the LOS standards defined by the maintaining agency. Where a volume exceeds the adopted maximum service volume (MSV) for a facility, an existing LOS deficiency may exist. At the request of Miami-Dade County and other agencies, this analysis was performed for each direction of travel throughout the study areas.

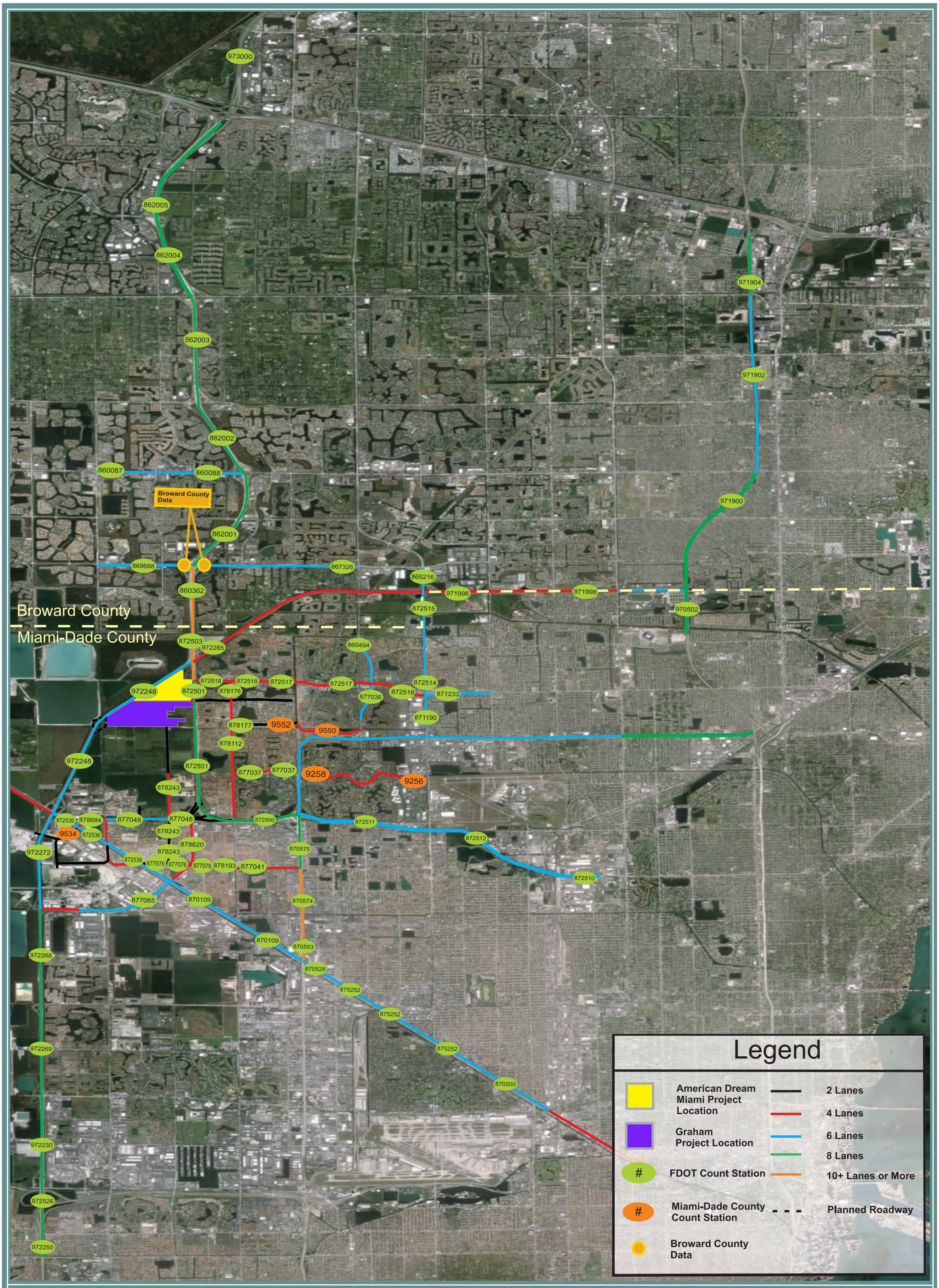
6.1 Existing Traffic Count Sources

Several sources were referenced to obtain traffic counts for the study area roadways. FDOT's *Florida Traffic Information* (FTI) data was reviewed for State roadways. State synopsis report counts reports were not available for all counts available on FTI, as such coordination was made with FDOT to obtain the latest synopsis reports. This means that synopsis reports range from 2013 to 2016. Miami-Dade County provided its available raw 2015 counts (along with official MDC Peak Hour Period, or PHP, volumes). The Florida's Turnpike shared a spreadsheet with its AM and PM peak hour traffic counts observed for the year 2013 along its HEFT facility. The spreadsheet included Average Annual Daily Counts (AADTs) for two of the count stations. Additionally, each the Broward County and the City of Miramar forwarded recent 2015 count data for a study link. Where count data from Miami-Dade County was missing or incomplete, FDOT data was supplemented as available. **Figure I-6** shows the count stations which were applied for use in the analysis. The various FDOT and County count data stations referenced for the CDMP and supporting traffic studies is provided in **Appendix I-B.** The traffic count station identifiers (or IDs) also serve as roadway segment ID's for all roadway level of service analysis and supporting data tables.

6.2 Existing Roadway Link Directional PHPs

Table I-1 shows the existing AM and PM PHP volumes. The PHPs were developed by taking an average of the two highest consecutive hours of traffic. For purposes of this Study, the AM PHP was selected as being from 7:00 AM to 9:00 AM and the PM PHP was selected as being from 4:00 PM to 6:00 PM. Peak season count factors (PSCF) were applied to all raw traffic counts depending on when the counts were taken. The only exceptions were the two HEFT daily counts which were already available as AADTs.

Specifically, any count taken for 2015 or 2016 were applied the FDOT 2015 PSCFs and counts prior to 2014 were applied the FDOT 2014 PSCFs. For the MDC counts, the PHPs were ratio'ed to the official PHPs identified by the County in its count reports and the directional distributions



FDOT and County Count Station Map

American Dream Miami / Graham

NTS

Figure:

I-6

TableI-1: Year 2015 Area Roadway Segment Existing AM and PM PHP Summary

Roadway	From	To	Count Station							YEAR OF COUNT AADT (1)	YEAR OF TRAFFIC COUNT Counts (1)					15 min FDOT/MDC/Broward				2015 AADT	Final 2015 PHP Counts Used (2)			
			MDC		Broward County/ Miramar		FDOT				Raw Counts					Adjusted Counts					Adjusted Counts			
											AM		PM			AM PHP		PM PHP			AM PHP		PM PHP	
			No.	Year	No.	Year	No.	Year	Note		NB/EB	SB/WB	NB/EB	SB/WB	PSCF	NB/EB	SB/WB	NB/EB	SB/WB		NB/EB	SB/WB	NB/EB	SB/WB
Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836					972250	2013		150,000	8270	4000	4810	7140	1.00	8270	4000	4810	7140	165,000	9097	4400	5291	7854
	SR 836	NW 12th Street					972526	2013		99,000	4490	2680	3090	4070	1.00	4490	2680	3090	4070	115,000	5216	3113	3589	4728
	NW 12th Street	NW 41th Street					972230	2013	(9)	113,000	6060	4660	4910	6950	1.00	6060	4660	4910	6950	121,900	6537	5027	5297	7497
	NW 41th Street	NW 74th Street					972269	2013		104,000	5410	5870	5630	6190	1.00	5410	5870	5630	6190	120,600	6274	6807	6529	7178
	NW 74th Street	NW 106th Street					972268	2013		96,000	4470	5670	5620	4950	1.00	4470	5670	5620	4950	111,500	5192	6585	6527	5749
	NW 106th Street	US 27/ Okeechobee Rd					972272	2013		90,000	3,780	6,100	6,280	4,140	1.00	3780	6100	6280	4140	105,200	4418	7130	7341	4839
	US 27/ Okeechobee Rd	NW 170th St					972248	2013	(9)	90,800	3,510	5,890	5,870	3,900	1.00	3510	5890	5870	3900	96,900	3746	6286	6264	4162
	NW 170th St	Interstate 75					972248	2013		84,000	3,510	5,890	5,870	3,900	1.00	3510	5890	5870	3900	96,900	4049	6795	6771	4499
	Interstate 75	CR 823/Red Rd					972285	2013		47,000	2,020	3,060	3,210	2,350	1.00	2020	3060	3210	2350	53,600	2304	3490	3661	2680
	CR 823/Red Rd	CR 817/NW 27th Ave					971996	2013		64,000	3,480	3,510	3,600	3,500	1.00	3480	3510	3600	3500	73,000	3969	4004	4106	3992
	CR 817/NW 27th Ave	Florida's Turnpike/SR 91					971998	2013		54,000	3480	3510	3600	3500	1.00	3480	3510	3600	3500	61,000	3931	3965	4067	3954
Florida's Turnpike/ SR 91	I-595	Griffin Rd					971904	2013		107,000	6120	5040	5690	5270	1.00	6120	5040	5690	5270	125,000	7150	5888	6647	6157
	Griffin Rd	Pines Blvd					971902	2013		108,000	5930	5640	5410	5920	1.00	5930	5640	5410	5920	128,000	7028	6684	6412	7016
	Pines Blvd	Florida's Turnpike/HEFT/SR 821					971900	2013		98,000	5280	5110	5340	5290	1.00	5280	5110	5340	5290	122,000	6573	6361	6648	6586
	Florida's Turnpike/HEFT/SR 821	NW 203rd St					970502	2013		84,000	3550	4010	4710	4010	1.00	3550	4010	4710	4010	91,000	3846	4344	5103	4344
Interstate 75	I-595	Royal Palm Blvd					862005	2016		173,259	6452	6182	6820	6492	1.04	6710	6429	7093	6752	168,000	6506	6234	6877	6547
	Royal Palm Blvd	Griffin Rd					862004	2016		163,313	7049	2959	6352	5691	1.05	7401	3107	6670	5976	148,500	6730	2825	6065	5434
	Griffin Rd	Sheridan St					862003	2016		167,738	6060	6924	4997	4537	1.05	6363	7270	5247	4764	141,500	5368	6133	4426	4019
	Sheridan St	Pines Blvd					862002	2016		171,312	5289	7685	6553	6050	1.05	5553	8069	6881	6353	167,000	5414	7866	6707	6193
	Pines Blvd	Miramar Pkwy/ S 33rd St					862001	2015		156,658	5861	6529	7403	5033	1.00	5861	6529	7403	5033	158,500	5930	6606	7490	5092
	Miramar Pkwy/ S 33rd St	Florida's Turnpike					860362	2016		190,585	6365	9265	7713	5946	1.00	6365	9265	7713	5946	169,598	5664	8245	6864	5291
	Florida's Turnpike	Miami Gardens Dr/NW 186 St					872503	2014		173,187	5700	8728	7961	5363	1.01	5757	8815	8041	5417	143,000	4754	7279	6639	4473
	Miami Gardens Dr/NW 186 St	NW 178th St					872501	2014		132,235	3160	6562	6714	3782	1.01	3192	6628	6781	3820	124,000	2993	6215	6359	3582
	NW 178th St	NW 138th Street					872501	2014		132,235	3160	6562	6714	3782	1.01	3192	6628	6781	3820	124,000	2993	6215	6359	3582
	NW 138th Street	SR 826					872500	2014		136,898	6379	3571	3673	6397	1.01	6443	3607	3710	6461	135,500	6377	3570	3672	6395
SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)					872511	2014		61,412	3188	1858	1646	3420	1.01	3220	1877	1662	3454	50,500	2648	1543	1367	2840
	NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)					872512	2014		48,599	1964	1403	2207	2737	1.01	1984	1417	2229	2764	47,500	1939	1385	2179	2702
	Douglas(Le Jeune Connector)	NW 32nd Ave					872510	2014		45,087	2128	1213	1514	1962	1.04	2213	1262	1575	2040	43,000	2111	1203	1502	1946
NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St					(6)	2015		n/a										n/a	400	334	334	400
	NW 138th St	NW 170th St	NOT EXISTING ROADWAY LINK																					
NW 102nd Ave	NW 170th St	NW 178th St	NOT EXISTING ROADWAY LINK																					
	NW 178th St	ADM Project Access Rd	NOT EXISTING ROADWAY LINK																					
Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	NOT EXISTING ROADWAY LINK																					
	Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	NOT EXISTING ROADWAY LINK																					
	Interstate 75 Eastern Ramps	NW 87th Ave					872518	2014		41,206	686	2288	2179	950	1.02	700	2334	2223	969	45,000	764	2549	2427	1058
	NW 87th Ave	NW 82nd Ave					872518	2014		41,206	686	2288	2179	950	1.02	700	2334	2223	969	45,000	764	2549	2427	1058
	NW 82nd Ave	NW 77nd Ave					872517	2014		42,085	1314	874	1314	1562	1.04	1367	909	1367	1624	42,500	1380	918	1380	1641
	NW 77nd Ave	NW 67nd Ave					872517	2014		42,085	1314	874	1314	1562	1.04	1367	909	1367	1624	42,500	1380	918	1380	1641
	NW 67nd Ave	NW 57nd Ave					872516	2014		35,900	988	712	1108	1298	1.04	1028	740	1152	1350	38,000	1088	784	1220	1429
	NW 57th Ave	NW 47th Ave					871233	2014		33,772	1077	893	1156	1302	1.00	1077	893	1156	1302	23,500	749	621	804	906

TableI-1: Year 2015 Area Roadway Segment Existing AM and PM PHP Summary

Roadway	From	To	Count Station							YEAR OF COUNT AADT (1)	YEAR OF TRAFFIC COUNT Counts (1)				15 min FDOT/MDC/Broward					2015 AADT	Final 2015 PHP Counts Used (2)			
			MDC		Broward County/ Miramar		FDOT				Raw Counts					Adjusted Counts					Adjusted Counts			
											AM		PM			AM PHP		PM PHP			AM PHP		PM PHP	
			No.	Year	No.	Year	No.	Year	Note		NB/EB	SB/WB	NB/EB	SB/WB	PSCF	NB/EB	SB/WB	NB/EB	SB/WB		NB/EB	SB/WB	NB/EB	SB/WB
NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	NOT EXISTING ROADWAY LINK																					
	NW 102 Ave/NW 107 Ave	NW 97th Ave	NOT EXISTING ROADWAY LINK																					
	NW 87th Ave	NW 82nd Ave	9552	2015			878177	2014	(3)	6,345						375	376	225	183	12,500	739	741	444	361
	NW 82nd Ave	NW 78th Ave	9552	2015			878177	2014	(3)	6,345						375	376	225	183	12,500	739	741	444	361
NW 169th St	NW 77th Ct	NW 67th Ave	9550	2015						13,900						909	458	456	514	10,000	654	330	328	370
NW 154th St	NW 87th Ave	NW 82nd Ave	9544	2015			877037	2014	(3)	51,791						2432	1985	1889	1848	27,000	1268	1035	985	963
	NW 82nd Ave	SR 826					877037	2015		26,916	696	661	949	1134	1.05	731	694	996	1191	27,000	733	696	1000	1194
	SR 826	NW 67th Ave	9258	2015			878673	2014	(3)	19,359						879	615	697	706	18,100	822	575	652	660
	NW 67th Ave	NW 57th Ave (Red Road)	9256	2015			878646	2014	(3)	17,538						784	570	722	600	17,000	760	552	700	581
NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave					878684	2014		18,127	547	749	811	686	1.04	569	779	843	713	17,900	562	769	833	704
	NW 107th Ave	NW 97th Ave					877048	2014		21,019	617	1008	902	728	1.04	642	1048	938	757	21,000	641	1047	937	756
	NW 97th Ave	Hialeah Gardens Blvd					877048	2014		21,019	617	1008	902	728	1.04	642	1048	938	757	21,000	641	1047	937	756
Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd					877065	2014		25,264	687	922	1160	886	1.04	714	959	1206	921	25,500	721	968	1218	930
	US 27/ Okeechobee Rd	NW 138th St					878620	2016		32,495	830	1115	1206	1042	1.00	830	1115	1206	1042	28,000	715	961	1039	898
NW 97th Ave	NW 122nd St	NW 130th St					878243	2013		8,637	369	225	395	339	1.01	373	227	399	342	7,900	341	208	365	313
	NW 130th St	NW 138th St					878243	2013		8,637	369	225	395	339	1.01	373	227	399	342	7,900	341	208	365	313
	NW 138th St	NW 154th St					878243	2013		8,637	369	225	395	339	1.01	373	227	399	342	7,900	341	208	365	313
	NW 154th St	NW 170th St					878243	2013		8,637	369	225	395	339	1.01	373	227	399	342	7,900	341	208	365	313
	NW 170th St	Graham Access	NOT EXISTING ROADWAY LINK																					
	Graham Access	NW 178th St	NOT EXISTING ROADWAY LINK																					
NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St					878176	2015		43,166	1323	1041	1462	1755	1.03	1363	1072	1505	1807	41,500	1310	1031	1447	1737
	NW 170th St	NW 154th St					878112	2013		2,555	145	72	47	75	1.01	146	73	47	76	10,200	585	290	189	302
NW178th St	Graham Access	NW 97th Ave	NOT EXISTING ROADWAY LINK																					
	NW 97th Ave	Iinterstate 75	NOT EXISTING ROADWAY LINK																					
Miramar Pkwy	SW 172nd Ave	SW 160th Ave					869688	2015		51,774	1566	1096	1353	1878	1.13	1770	1238	1529	2122	45,500	1555	1088	1344	1865
	SW 160th Ave	Interstate 75			n/a	2015				(7)	2446	1693	2533	2961	1.10	2691	1862	2786	3257	(7)	2691	1862	2786	3257
	Interstate 75	SW 148th Ave			n/a	2014				(8)	2018	1672	2131	1739	1.05	2119	1756	2238	1826	(8)	2161	1791	2282	1862
	SW 148th Ave	Flamingo Rd					867326	2010		49,970	1813	1664	1727	1902	1.01	1831	1681	1744	1921	52,500	1924	1766	1833	2018
NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd					877076	2014		25,787	858	820	957	875	1.06	909	869	1014	928	26,000	917	876	1023	935
	Hialeah Gardens Blvd	NW 89th Ave					877076	2014		25,787	858	820	957	875	1.06	909	869	1014	928	26,000	917	876	1023	935
	NW 89th Ave	NW 87th Ave					878193	2013		21,577	891	747	812	764	1.01	900	754	820	772	22,000	918	769	836	787
	NW 87th Ave	SR 826					877041	2014		19,808	432	668	453	615	1.04	449	695	471	640	20,600	467	723	490	665
	N Okeechobee Rd	NW 97th Ave					877076	2014		25,787	858	820	957	875	1.06	909	869	1014	928	26,000	917	876	1023	935
SR 826	I-75	NW 122nd St					870575	2014		217,471	7014	5767	7392	7343	1.04	7295	5998	7688	7637	193,500	6491	5337	6840	6795
	NW 122nd St	NW 103rd St					870574	2014	(4)	213,000	7019	8580	8287	8431	1.05	7370	9009	8701	8853	214,000	7404	9052	8742	8894
	NW 103rd St	N Okeechobee Rd					870553	2014	(5)	234,000	8019	9675	11267	7424	1.05	8420	10159	11830	7795	228,000	8204	9898	11527	7595
Pines Blvd	I-75	SW 160th Ave					860088	2016		61,231	2734	1612	2002	2251	1.00	2734	1612	2002	2251	67,500	3014	1777	2207	2481
	SW 160th Ave	SW 172th Ave					860087	2015		47,496	1893	1490	1569	1765	1.03	1950	1535	1616	1818	46,000	1888	1486	1565	1761

TableI-1: Year 2015 Area Roadway Segment Existing AM and PM PHP Summary

Roadway	From	To	Count Station: MDC No.	MDC Year	Broward County/ Miramar No.	Broward County/ Miramar Year	FDOT No.	FDOT Year	Note	YEAR OF COUNT AADT (1)	YEAR OF TRAFFIC COUNT Counts (1) Raw Counts AM NB/EB	AM SB/WB	PM NB/EB	PM SB/WB	PSCF	15 min FDOT/MDC/Broward Adjusted Counts AM PHP NB/EB	AM PHP SB/WB	PM PHP NB/EB	PM PHP SB/WB	2015 AADT	Final 2015 PHP Counts Used (2) Adjusted Counts AM PHP NB/EB	AM PHP SB/WB	PM PHP NB/EB	PM PHP SB/WB
Okeechobee Rd	NW 154th St	Florida's Turnpike					870585	2014		16,391	269	1361	1012	365	1.04	280	1415	1052	380	16,400	280	1416	1053	380
	Florida's Turnpike	NW 138th St					872536	2014		29,892	1142	881	810	1303	1.02	1165	899	826	1329	32,000	1247	962	884	1423
	NW 138th St	NW 107th Ave					872536	2014		29,892	1142	881	810	1303	1.02	1165	899	826	1329	32,000	1247	962	884	1423
	NW 107th Ave	Hialeah Gardens Blvd					872536	2014		29,892	1142	881	810	1303	1.02	1165	899	826	1329	32,000	1247	962	884	1423
	Hialeah Gardens Blvd	NW 103rd St					870109	2014		46,042	1503	1576	1708	1661	1.00	1503	1576	1708	1661	42,500	1387	1455	1577	1533
	NW 103rd St	SR 826					870109	2014		46,042	1503	1576	1708	1661	1.00	1503	1576	1708	1661	42,500	1387	1455	1577	1533
	SR 826	W 16th Ave (Milam Dairy Rd)					870528	2014		63,116	2158	1631	2143	1995	1.01	2180	1647	2164	2015	62,000	2141	1618	2126	1979
	W 16th Ave (Milam Dairy Rd)	Hialeah Expy					875252	2014		74,488	2457	2102	2591	2681	1.00	2457	2102	2591	2681	62,500	2062	1764	2174	2250
	Hialeah Expy	NW 57th Ave (Red Road)					875252	2014		74,488	2457	2102	2591	2681	1.00	2457	2102	2591	2681	62,500	2062	1764	2174	2250
	NW 57th Ave (Red Road)	Hialeah Dr					875252	2014		74,488	2457	2102	2591	2681	1.00	2457	2102	2591	2681	62,500	2062	1764	2174	2250
	Hialeah Dr	SW 42nd Ave (Le Jeune Rd)					870200	2014		62,864	1672	2398	2414	2076	1.00	1672	2398	2414	2076	69,000	1835	2632	2650	2279
SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St					860494	2015		31,828	1451	1196	1049	1274	1.03	1495	1232	1080	1312	30,500	1432	1180	1035	1257
	Miami Gardens Dr/NW 186 St	NW 173rd Dr					877036	2015		41,764	1181	1132	1313	1477	1.05	1240	1189	1379	1551	42,000	1247	1195	1386	1560
SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821					865216	2015		53,756	1583	1426	1830	1699	1.03	1630	1469	1885	1750	51,500	1562	1407	1806	1677
	Florida's Turnpike/HEFT/SR 821	NW 202nd St					872515	2015		45,628	1708	1913	1599	1728	1.02	1742	1951	1631	1763	45,500	1737	1946	1626	1758
	NW 202nd St	Miami Gardens Dr/NW 186 St					872514	2015		52,124	1357	2215	1998	1445	1.01	1371	2237	2018	1459	52,500	1380	2253	2033	1470
	Miami Gardens Dr/NW 186 St	NW 177th St					871190	2015		55,784	1418	2000	2147	1295	1.01	1432	2020	2168	1308	53,500	1374	1937	2080	1254

Summary:

PHP is defined as the average of the highest consecutive 2-hour count volumes

MDC PHP counts were obtained from County's traffic count summary reports and represents as an average of three consecutive day PHPs. The County's identified PHP is associated with either the AM or the PM; the other period was calculated based on observed average raw AM 2-hr (7:00-9:00) to observed average raw PM 2-hr (4:00-6:00) ratios

Broward 15-minute derived PHP counts were obtained based on the 7:00-9:00 am and the 4:00-6:00 pm raw traffic count volumes provided by Broward County or the City of Miramar (for Miramar Pkwy)

FDOT 15-minute derived PHP counts were obtained based on the 7:00-9:00 am and the 4:00-6:00 pm raw traffic count volumes from FDOT's synopsis reports

FDOT AM and PM PHPs were assumed to be the same for the Daily Only Traffic Counts (e.g. no synopsis available) since K and D factors were applied to obtain the "PHP" volumes

2015 Peak Season Conversion Factor applied to all counts collected in either 2015 or 2016; remaining counts were applied 2014 Peak Season Conversion Factor regardless of count year

Footnotes:

(1) Count Year AADTs based on raw synopsis counts multiplied by peak season factor where 24-hour data was available; otherwise based on historical AADTs for Count Year

(2) 2015 equivalent PHP obtained by applying ratio of (2015 AADT /Year of Count AADT) to the Year of Count PHPs

(3) MDC count referenced if both MDC and FDOT count is available

(4) Includes addition of 876255 and 876257 ramp counts to mainline 870574 count plus 2014-2015 growth

(5) Includes addition of 876259 and 876261 ramp counts to mainline 870553 count plus 2014-2015 growth

(6) No traffic count available; 8,000 AADT with K and D factors was assumed and PHPs derived

(7) No daily count information available but already 2015 data, so Year of Count AADT and 2015 AADT not needed

(8) 2014 count adjusted to 2015 using 2 percent growth

(9) Year of Count AADT obtained from Turnpike provided spreadsheet

observed from the raw counts were then used to derive northbound/eastbound (NB/EB) and southbound/westbound (SB/WB) PHP directional volumes (**Appendix I-R** provides an example calculation). In one case, no traffic count was available (e.g. NW 107th Ave from US 27 to NW 138th St) and as such an estimated count was used along with FDOT representative peak hour factor (K factor) and directional split factor (D factor). To convert Year of Count AM and PM PHPs to year 2015 equivalent PHPs, the FTI site was consulted to obtain year 2015 AADTs and then the Year of Count seasonally-adjusted PHP volumes were applied the ratio of Year 2015 AADT to Year of Count AADT.

6.3 Existing Roadway Link Directional LOS

For service volumes and MSV, an inventory of roadway characteristics was performed in order to identify existing number of traffic lanes, geometries, adopted standards, and other features necessary to determine volume standards for an LOS analysis on study area roadways. In addition, the Miami-Dade County Comprehensive Plan, Transportation Element includes reference to Urban Infill Area (UIA), Urban Development Boundary (UDB), and transit headways or transit express routes. The latest generalized FDOT LOS tables from the *Quality/Level of Service Handbook* were referenced for all roadways (see **Appendix I-E** for both the Miami-Dade County and the FDOT LOS service volume criteria). Adjustments were made to the service volumes based on MDC LOS standards, where necessary. **Appendix I-E** also provides a detailed description of the service volume development for existing roadway geometries as well as future year 2020 and year 2040 network conditions.

Table I-2 shows the existing (Year 2015) level of service analysis for roadways within the American Dream Miami and Graham Project study areas and includes the traffic count stations referenced for the AM and PM PHPs. Note that the application of the refined PHPs, which no longer rely on K and D factors except the one mentioned roadway segment, represents some variation in the traffic counts utilized in the existing traffic analysis and LOS findings. Based on the AM and PM peak hour peak direction analysis, the following existing deficiencies were identified for either one or both of the peak periods:

- HEFT from SW 8th St to SR 836
- HEFT from NW 12th St to NW 41st St
- HEFT from NW 106th St to CR 817/NW 27th Ave
- Florida's Turnpike from Griffin Rd to Pines Blvd
- I-75 from Sheridan St to Miramar Pkwy/S 33rd St
- Miami Gardens Drive from I-75 Eastern Ramps to NW 82nd Ave
- NW 170th St from NW 87th Ave to NW 78th Ave
- Miramar Pkwy from SW 160th Ave to I-75
- NW 122nd St from N Okeechobee Rd to NW 97th Ave
- SR 826 from NW 103rd St to N Okeechobee Rd

Table I-2: Existing (Year 2015) Study Area Roadway Segment LOS Analysis

STA ID	Roadway	From	To	Length (mi)	No. of Lanes	Adopted LOS	MDC RER Databas	Peak Hour Peak Dir Service Vol					EXISTING YEAR 2015 Directional Analysis							
														PHP - AM Peak				PHP - PM Peak			
							Pk Hr Max LOS	LOS A	LOS B	LOS C	LOS D	LOS E	Count Station No.	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		NB/EB (Vol / LOS)		SB/WB (Vol / LOS)	
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	8	D	10,060	0	4,500	6,080	7,320	8,220	972250	9,097	F	4,400	B	5291	C	7854	E
972526		SR 836	NW 12th Street	0.56	8	D	n/a	0	4,500	6,080	7,320	8,220	972526	5,216	C	3,113	B	3589	B	4728	C
972230		NW 12th Street	NW 41th Street	2.02	8	D	n/a	0	4,500	6,080	7,320	8,220	972230	6,537	D	5,027	C	5297	C	7497	E
972269		NW 41th Street	NW 74th Street	1.99	8	D	n/a	0	4,500	6,080	7,320	8,220	972269	6,274	D	6,807	D	6529	D	7178	D
972268		NW 74th Street	NW 106th Street	2.02	8	D	n/a	0	4,500	6,080	7,320	8,220	972268	5,192	C	6,585	D	6527	D	5749	C
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6	D	10,060	0	3,360	4,580	5,500	6,080	972272	4,418	C	7,130	F	7341	F	4839	D
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6	D	10,060	0	3,360	4,580	5,500	6,080	972248	3,746	C	6,286	F	6264	F	4162	C
972248		NW 170th St	Interstate 75	2.10	6	D	10,060	0	3,360	4,580	5,500	6,080	972248	4,049	C	6,795	F	6771	F	4499	C
972285		Interstate 75	CR 823/Red Rd	4.10	4	D	n/a	0	2,260	3,020	3,660	3,940	972285	2,304	C	3,490	D	3661	E	2680	C
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	4	D	n/a	0	2,260	3,020	3,660	3,940	971996	3,969	F	4,004	F	4106	F	3992	F
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6	D	n/a	0	3,360	4,580	5,500	6,080	971998	3,931	C	3,965	C	4067	C	3954	C
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	n/a	0	4,500	6,080	7,320	8,220	971904	7,150	D	5,888	C	6647	D	6157	D
971902		Griffin Rd	Pines Blvd	3.84	6	D	n/a	0	3,360	4,580	5,500	6,080	971902	7,028	F	6,684	F	6412	F	7016	F
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	n/a	0	4,500	6,080	7,320	8,220	971900	6,573	D	6,361	D	6648	D	6586	D
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	n/a	0	4,500	6,080	7,320	8,220	970502	3,846	B	4,344	B	5103	C	4344	B
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8	D	n/a	0	4,500	6,080	7,320	8,220	862005	6,506	D	6,234	D	6877	D	6547	D
862004		Royal Palm Blvd	Griffin Rd	1.82	8	D	n/a	0	4,500	6,080	7,320	8,220	862004	6,730	D	2,825	B	6065	C	5434	C
862003		Griffin Rd	Sheridan St	2.28	8	D	n/a	0	4,500	6,080	7,320	8,220	862003	5,368	C	6,133	D	4426	B	4019	B
862002		Sheridan St	Pines Blvd	1.67	8	D	n/a	0	4,500	6,080	7,320	8,220	862002	5,414	C	7,866	E	6707	D	6193	D
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	8	D	n/a	0	4,500	6,080	7,320	8,220	862001	5,930	C	6,606	D	7490	E	5092	C
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12	D	n/a	0	7,900	10,320	12,060	12,500	860362	5,664	B	8,245	C	6864	B	5291	B
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10	D	13,390	0	5,660	7,680	9,220	10,360	872503	4,754	B	7,279	C	6639	C	4473	B
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8	D	13,390	0	4,500	6,080	7,320	8,220	872501	2,993	B	6,215	D	6359	D	3582	B
872501		NW 178th St	NW 138th Street	2.70	8	D	13,390	0	4,500	6,080	7,320	8,220	872501	2,993	B	6,215	D	6359	D	3582	B
872500		NW 138th Street	SR 826	1.30	8	D	13,390	0	4,500	6,080	7,320	8,220	872500	6,377	D	3,570	B	3672	B	6395	D
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	n/a	0	3,360	4,580	5,500	6,080	872511	2,648	B	1,543	B	1367	B	2840	B
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	n/a	0	3,360	4,580	5,500	6,080	872512	1,939	B	1,385	B	2179	B	2702	B
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	n/a	0	3,360	4,580	5,500	6,080	872510	2,111	B	1,203	B	1502	B	1946	B
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	1.00	4	D	n/a	0	0	1,719	1,800	1,800	n/a	400	C	334	C	334	C	400	C
n/a		NW 138th St	NW 170th St	2.02	-	D	n/a	NOT EXISTING ROADWAY LINK					n/a								
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	-	D	n/a	NOT EXISTING ROADWAY LINK					n/a								
n/a		NW 178th St	ADM Project Access Rd	0.50	-	D	n/a	NOT EXISTING ROADWAY LINK					n/a								
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	-	E	n/a	NOT EXISTING ROADWAY LINK					n/a								
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	-	E	n/a	NOT EXISTING ROADWAY LINK					n/a								
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	4,296	0	0	2,292	2,400	2,400	872518	764	C	2,549	F	2,427	F	1,058	C
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	4,296	0	0	2,292	2,400	2,400	872518	764	C	2,549	F	2,427	F	1,058	C
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	4,296	0	0	2,292	2,400	2,400	872517	1,380	C	918	C	1,380	C	1,641	C
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	4,296	0	0	2,292	2,400	2,400	872517	1,380	C	918	C	1,380	C	1,641	C
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	4,296	0	0	2,292	2,400	2,400	872516	1,088	C	784	C	1,220	C	1,429	C
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	6,468	0	0	3,528	3,624	3,624	871233	749	C	621	C	804	C	906	C
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	-	D	n/a	NOT EXISTING ROADWAY LINK					n.a								
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	-	D	n/a	NOT EXISTING ROADWAY LINK					n./a								
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	n/a	0	0	333	675	720	878177	739	F	741	F	444	D	361	D
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	1,130	0	0	333	675	720	9552	739	F	741	F	444	D	361	D
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	2,510	0	0	1,719	1,800	1,800	9550	654	C	330	C	328	C	370	C
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	2,540	0	0	1,719	1,800	1,800	877037	1,268	C	1,035	C	985	C	963	C
877037		NW 82nd Ave	SR 826	0.50	4	D	n/a	0	0	1,719	1,800	1,800	877037	733	C	696	C	1,000	C	1,194	C
878673		SR 826	NW 67th Ave	1.19	4	E	3,160	0	0	730	1,630	1,700	878673	822	D	575	C	652	C	660	C
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	3,360	0	0	730	1,630	1,700	9256	760	D	552	C	700	C	581	C

Table I-2: Existing (Year 2015) Study Area Roadway Segment LOS Analysis

STA ID	Roadway	From	To	Length (mi)	No. of Lanes	Adopted LOS	MDC RER Databas	Peak Hour Peak Dir Service Vol					EXISTING YEAR 2015 Directional Analysis							
														PHP - AM Peak				PHP - PM Peak			
							Pk Hr Max LOS	LOS A	LOS B	LOS C	LOS D	LOS E	Count Station No.	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		NB/EB (Vol / LOS)		SB/WB (Vol / LOS)	
878684	NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	1.00	4	E	n/a	0	0	1,910	2,000	2,000	878684	562	C	769	C	833	C	704	C
877048		NW 107th Ave	NW 97th Ave	1.00	6	E	n/a	0	0	2,940	3,020	3,020	877048	641	C	1,047	C	937	C	756	C
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	E	n/a	0	0	2,940	3,020	3,020	877048	641	C	1,047	C	937	C	756	C
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	n/a	0	0	2,940	3,020	3,020	877065	721	C	968	C	1,218	C	930	C
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	n/a	0	0	1,910	2,000	2,000	878620	715	C	961	C	1,039	C	898	C
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	n/a	0	0	747	792	792	878243	341	C	208	C	365	C	313	C
878243		NW 130th St	NW 138th St	0.50	2	D	n/a	0	0	747	792	792	878243	341	C	208	C	365	C	313	C
878243		NW 138th St	NW 154th St	1.00	4	D	n/a	0	0	1,719	1,800	1,800	878243	341	C	208	C	365	C	313	C
878243		NW 154th St	NW 170th St	1.00	2	D	n/a	0	0	747	792	792	878243	341	C	208	C	365	C	313	C
n/a		NW 170th St	Graham Access	0.25	-	D	n/a	NOT EXISTING ROADWAY LINK					n/a								
n/a		Graham Access	NW 178th St	0.25	-	D	n/a	NOT EXISTING ROADWAY LINK					n/a								
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	n/a	0	0	1,719	1,800	1,800	878176	1,310	C	1,031	C	1447	C	1737	D
878112		NW 170th St	NW 154th St	1.00	4	D	n/a	0	0	1,719	1,800	1,800	878112	585	C	290	C	189	C	302	C
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	-	D	n/a	NOT EXISTING ROADWAY LINK					n/a								
n/a		NW 97th Ave	Iinterstate 75	0.46	-	D	n/a	NOT EXISTING ROADWAY LINK					n/a								
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	n/a	0	0	2,940	3,020	3,020	869688	1,555	C	1,088	C	1,344	C	1,865	C
n/a		SW 160th Ave	Interstate 75	0.50	6	D	n/a	0	0	2,940	3,020	3,020	n/a	2,691	C	1,862	C	2,786	C	3,257	F
n/a		Interstate 75	SW 148th Ave	0.48	6	D	n/a	0	0	2,940	3,020	3,020	n/a	2,161	C	1,791	C	2,282	C	1,862	C
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	n/a	0	0	2,940	3,020	3,020	867326	1,924	C	1,766	C	1,833	C	2,018	C
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	2,920	0	0	657	1,467	1,530	877076	917	D	876	D	1,023	D	935	D
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	2,920	0	0	657	1,467	1,530	877076	917	D	876	D	1,023	D	935	D
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	n/a	0	0	657	1,467	1,530	878193	918	D	769	D	836	D	787	D
877041		NW 87th Ave	SR 826	0.99	4	D	2,920	0	0	657	1,467	1,530	877041	467	C	723	D	490	C	665	D
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	2,920	0	0	747	792	792	877076	917	F	876	F	1,023	F	935	F
870575	SR 826	I-75	NW 122nd St	1.13	8	D	13,390	0	4,500	6,080	7,320	8,220	870575	6,491	D	5,337	C	6,840	D	6,795	D
870574		NW 122nd St	NW 103rd St	1.20	10	D	13,390	0	5,660	7,680	9,220	10,360	870574	7,404	C	9,052	D	8,742	D	8,894	D
870553		NW 103rd St	N Okeechobee Rd	0.87	10	D	16,840	0	5,660	7,680	9,220	10,360	870553	8,204	D	9,898	E	11,527	F	7,595	C
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	n/a	0	0	2,940	3,020	3,020	860088	3,014	D	1,777	C	2,207	C	2,481	C
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	n/a	0	0	2,940	3,020	3,020	860087	1,888	C	1,486	C	1,565	C	1,761	C
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	n/a	0	0	1,530	1,580	1,580	870585	280	C	1,416	C	1,053	C	380	C
872536		Florida's Turnpike	NW 138th St	0.51	6	D	n/a	0	0	2,940	3,020	3,020	872536	1,247	C	962	C	884	C	1,423	C
872536		NW 138th St	NW 107th Ave	0.56	6	D	n/a	0	0	2,940	3,020	3,020	872536	1,247	C	962	C	884	C	1,423	C
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	n/a	0	0	2,940	3,020	3,020	872536	1,247	C	962	C	884	C	1,423	C
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	5,390	0	0	2,940	3,020	3,020	870109	1,387	C	1,455	C	1,577	C	1,533	C
870109		NW 103rd St	SR 826	1.41	6	D	5,390	0	0	2,940	3,020	3,020	870109	1,387	C	1,455	C	1,577	C	1,533	C
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	5,080	0	0	2,940	3,020	3,020	870528	2,141	C	1,618	C	2,126	C	1,979	C
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	n/a	0	0	2,940	3,020	3,020	875252	2,062	C	1,764	C	2,174	C	2,250	C
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	n/a	0	0	2,940	3,020	3,020	875252	2,062	C	1,764	C	2,174	C	2,250	C
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	n/a	0	0	2,940	3,020	3,020	875252	2,062	C	1,764	C	2,174	C	2,250	C
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	n/a	0	0	2,940	3,020	3,020	870200	1,835	C	2,632	C	2,650	C	2,279	C
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	n/a	0	0	2,646	2,718	2,718	860494	1,432	C	1,180	C	1,035	C	1,257	C
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	n/a	0	0	3,528	3,624	3,624	877036	1,247	C	1,195	C	1,386	C	1,560	C
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	n/a	0	0	2,940	3,020	3,020	865216	1,562	C	1,407	C	1,806	C	1,677	C
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	5,080	0	0	2,940	3,020	3,020	872515	1,737	C	1,946	C	1,626	C	1,758	C
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	5,080	0	0	2,646	2,718	2,718	872514	1,380	C	2,253	C	2,033	C	1,470	C
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	6,468	0	0	2,646	2,718	2,718	871190	1,374	C	1,937	C	2,080	C	1,254	C

6.4 Existing Intersection Turning Movement Volumes

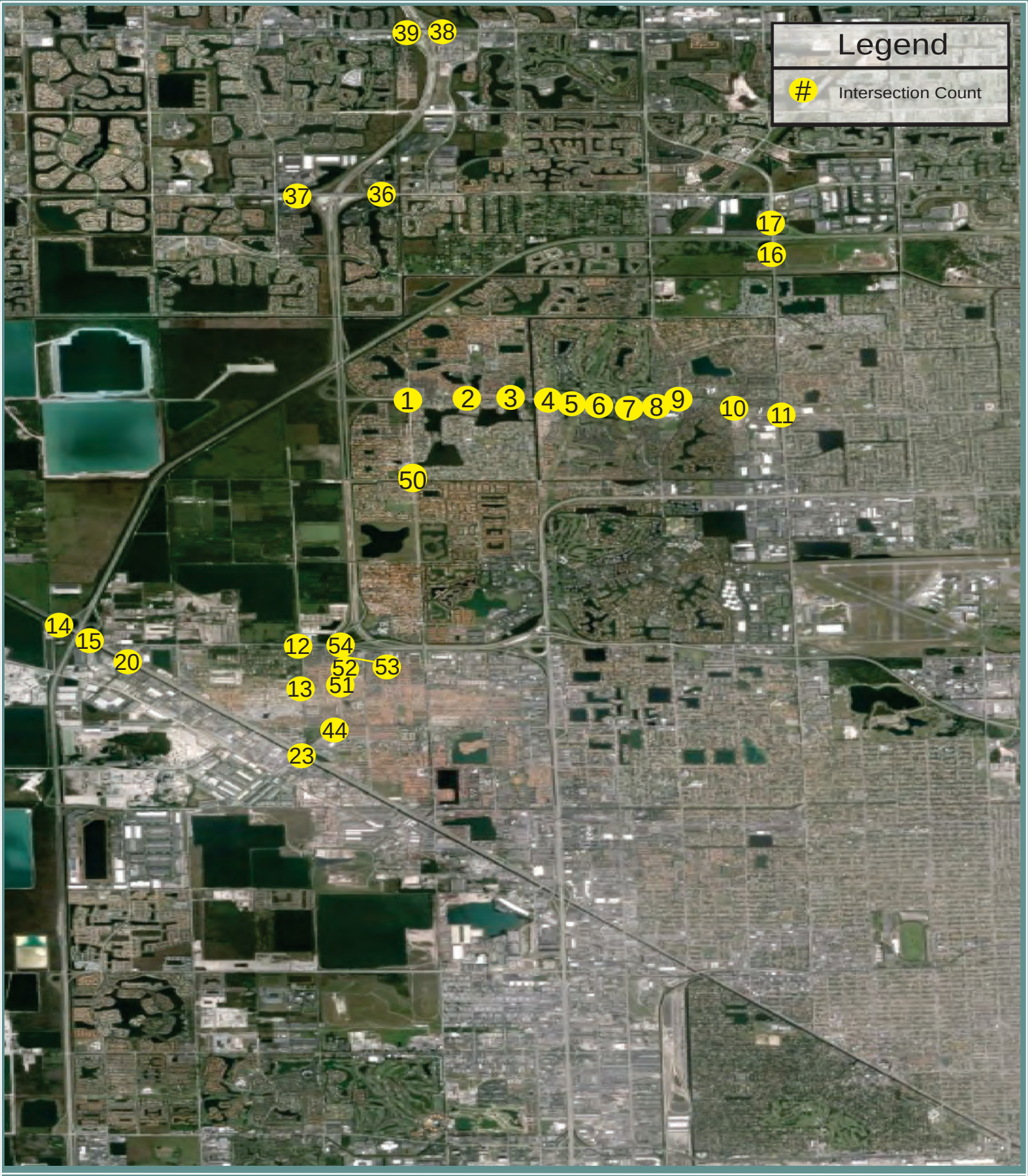
Year 2016 intersection turning movement counts were collected by the Applicant in April for both the AM (7:00 to 9:00 PM) and PM (4:00 to 6:00 PM). The turning movement counts (TMCs) were observed at the 29 intersection shown in **Figure I-7**. A list of the different intersections to be analyzed is presented in **Table I-3** below. The raw TMCs are included in **Appendix I-C**.

Table I - 3: Intersection TMC Locations

No.	Intersection Name	Intersection Name
1	NW 87th Ave	NW 186th St / Miami Gardens Dr
2	NW 82nd Ave	NW 186th St / Miami Gardens Dr
3	NW 79th Ave	NW 186th St / Miami Gardens Dr
4	W Oakmont Dr	NW 186th St / Miami Gardens Dr
5	NW 75th Ave	NW 186th St / Miami Gardens Dr
6	NW 73th Ave	NW 186th St / Miami Gardens Dr
7	NW 68th Ave	NW 186th St / Miami Gardens Dr
8	Bobolink Dr	NW 186th St / Miami Gardens Dr
9	NW 67th Ave	NW 186th St / Miami Gardens Dr
10	NW 62nd Ave	NW 186th St / Miami Gardens Dr
11	SR 823 / Red Rd	NW 186th St / Miami Gardens Dr
12	NW 97th Ave	NW 97th Ave & NW 138th St
13	NW 97th Ave	NW 97th Ave & NW 130th St
14	Ronald Reagan Turnpike Ramp (S)	N Okeechobee Rd
15	Ronald Reagan Turnpike Ramp (N)	N Okeechobee Rd
16	SR 823 / Red Rd	Ronald Reagan Turnpike Ramp (E)
17	SR 823 / Red Rd	Ronald Reagan Turnpike Ramp (E)
20	NW 138th St	N Okeechobee Rd
23	Hileah Gardens Blvd	N Okeechobee Rd
36	I -75 Ramp (N)	Miramar Pkwy
37	I -75 Ramp (S)	Miramar Pkwy
38	I -75 Ramp (N)	Pines Blvd
39	I -75 Ramp (S)	Pines Blvd
44	Hileah Gardens Blvd	Hileah Gardens Blvd
50	NW 87th Ave	NW 170th St
51	Hileah Gardens Blvd	NW 130th St
52	Hileah Gardens Blvd	W 80th St
53	Hileah Gardens Blvd	W 84th St
54	Hileah Gardens Blvd	NW 138th St / W 84th St

6.5 Existing Intersection LOS

In order to analyze the intersection LOS, each TMC was applied PSCF to achieve a representative average annual TMC. The existing (and future) intersection traffic volumes are were analyzed using Synchro. The Synchro program follows the Highway Capacity Manual



Intersection Count Locations

American Dream Miami / Graham

NTS

Figure:

I-7

(HCM) Version 10 procedure and therefore is the same as using the Highway Capacity Software (HCS) based on the HCM Version 10. The benefit of using Synchro is that multiple intersections can be connected in the Synchro network to make review and application to nearby intersection information more readily available.

Updates were made to the intersection analyses to include:

- Peak hour truck factors derived based on FTI traffic count information (included the TMV spreadsheets as part of **Appendix I-Q-1**)
- Peak Hour Factors (PHFs) developed based on review of existing traffic count patterns (included in the intersection spreadsheet summaries referenced in **Appendix I-K**)
- Reference to existing peak hour intersection timings as provided by Miami-Dade County (provided in **Appendix I-Q-2** and maintained for all future intersection analyses as well)

The results of the Existing AM and PM intersection LOS analyses are demonstrated in **Table I-4** and include both intersection LOS and delay results. As noted, the following summarizes the existing intersection which operate at below acceptable LOS conditions for either the AM, the PM or both peak periods:

- 7 of the 11 Miami Garden Drive Intersections analyzed
- 5 of the 6 Hialeah Barden Blvd Intersections analyzed
- SR 823/Red Rd and Florida's Turnpike Ramps (W)
- NW 138th St and N Okeechobee Rd
- NW 87th Ave and NW 170th St
- NW 97th\W 36th Ave and NW 138th/W 87th St
- NW 97th/SW 36th Ave and NW 84th St
- Florida's Turnpike SB Ramps and N Okeechobee Rd

That equates to 18 of the 29 intersections within the study area functioning at deficient levels during peak periods of the day based on existing conditions.

Appendix I-D provides the Synchro HCM 2010 summary reports for each of the existing intersections for both the AM and the PM peak period.

Table I-4: Existing Intersection LOS Analysis

Intersection ID	Intersection	EXISTING YEAR 2016			
		AM		PM	
		LOS	Intersection Delay	LOS	Intersection Delay
1	NW 87th Ave / Miami Gardens Dr	F	248.90	F	174.70
2	NW 82nd Ave / Miami Gardens Dr	E	58.90	E	68.60
3	NW 79th Ave / Miami Gardens Dr	F	90.30	C	29.80
4	W Oakmont Dr / Miami Gardens Dr	B	18.50	C	33.30
5	NW 75th Ave / Miami Gardens Dr	F	87.40	D	45.40
6	NW 73th Ave / Miami Gardens Dr	B	16.40	C	26.30
7	NW 68th Ave / Miami Gardens Dr	C	20.70	B	20.00
8	Bobolink Dr / Miami Gardens Dr	F	100.80	F	138.20
9	NW 67th Ave / Miami Gardens Dr	D	50.60	E	63.00
10	NW 62nd Ave / Miami Gardens Dr	F	237.70	F	90.10
11	SR823/ Red Rd / Miami Gardens Dr	E	72.30	E	73.50
12	NW 97th Ave/ W 36th Ave / NW 138th St/ W 84th St	E	62.50	F	128.40
13	NW 97th Ave/ W 36th Ave / NW 130th St	A	9.40	B	11.80
14	Ronal Reagan Turnpike Ramp(S) / N Okeechobee Rd	F	116.40	D	48.00
15	Ronal Reagan Turnpike Ramp(N) / N Okeechobee Rd	C	33.80	C	33.70

Table I-4: Existing Intersection LOS Analysis

Intersection ID	Intersection	EXISTING YEAR 2016			
		AM		PM	
		LOS	Intersection Delay	LOS	Intersection Delay
16	SR 823/ Red Rd Ronal Reagan Turnpike Ramp(E)	C	23.50	C	20.40
17	SR 823/ Red Rd Ronal Reagan Turnpike Ramp(W)	D	54.20	E	62.90
20	NW 138th St N Okeechobee Rd	F	123.40	F	158.70
23	Hialeah Gardens Blvd N Okeechobee Rd	F	113.30	F	285.10
36	I-75 Ramp (N) Miramar Pkwy	B	13.50	B	12.00
37	I-75 Ramp (S) Miramar Pkwy	B	13.70	A	8.70
38	I-75 Ramp (N) Pines Blvd	B	13.50	A	7.80
39	I-75 Ramp (S) Pines Blvd	C	24.80	B	12.30
44	Hialeah Gardens Blvd W 68th St	F	186.60	F	82.50
50	NW 87th Ave NW 170th St	F	220.60	E	72.10
51	Hialeah Gardens Blvd NW 130th St	F	349.70	E	79.70
52	Hialeah Gardens Blvd W 80th St	C	30.60	D	43.80
53	Hialeah Gardens Blvd W 84th St	F	92.70	F	91.00
54	Hialeah Gardens Blvd NW 138th St/ W 84th St	E	58.10	F	113.50

7. TRIP GENERATION

As described in detail in the CDMP applications, the current CDMP designation for the properties associated with the American Dream Miami and Graham Project are designated "Industrial and Office" use. As part of Miami-Dade's CDMP TIA requirements, trip generation associated with the current designations is estimated within this section.

The proposed trip generation for the American Dream Miami has been presented and discussed with agencies thoroughly throughout the Methodology process. Unlike other common land use types published in the Institute of Transportation Engineers (ITE) *Trip Generation Handbook*, data for the unique retail/entertainment complex type proposed is not readily available. Therefore, the Applicant has studied ITE's guidance at length, collected data from the best available surrogate sources, and applied these elements to obtain a most representative trip generation forecast. The resulting trip generation forecast for American Dream Miami is consistent with ITE guidance, inclusive of the best representative data available, uncomplicated in its assumptions, and conservative for use in determining future impacts. Agency response to this overall approach has been positive and was ultimately approved by MDC on March 18, 2016 and by FDOT on March 24, 2016.

The proposed Graham Project by contrast was only presented recently as an Addendum to the American Dream Miami Methodology TM. However, land uses proposed for the Graham Project are much more standardized to the data ITE publishes which reduced the amount of agency review involved. This section details the proposed trip generation forecasts for both projects.

7.1 Existing CDMP Designation

A trip generation forecast for the current CDMP Land Use Map designations associated with American Dream Miami and the Graham Project was conducted as required by Miami-Dade's CDMP TIA requirements. A majority of the properties is located west of NW 97th Avenue within an area with a previously defined trip allowance associated with Application No. 5 of the April 2005 CDMP Cycle. The remaining property is located to the east of NW 97th Avenue and is designated "Industrial and Office" use in CDMP Land Use Map. **Table I-5** shows the approximate acreages with respect to each project and location relative to NW 97th Avenue.

Table I - 5: Approximate Acreage for American Dream Miami and the Graham Project

Parcels	American Dream Miami	Graham Project	Total
West of NW 97th Avenue	65.9	279.9	345.8
East of NW 97th Avenue	128.2	60.2	188.4
Total	**194.1**	**340.1**	534.2

The property west of NW 97th Avenue, associated with the April 2005 CDMP Cycle (Application No. 5), is +/-346 acres in size. The covenant that runs with the land currently allows for 2,582 net external PM peak hour trips based on 3,200,000 square feet of warehouse use, 500,000 square feet of business park, and 300,000 square feet of office using ITE, 7th Edition trip rates. To produce a trip generation forecast associated with both the American Dream Miami and Graham Project

separately, trips associated with the covenant on the west parcels were proportioned by acreage between the two projects in the table below.

The property east of NW 97th Avenue is designated "Industrial and Office" use in CDMP Land Use Map. Miami-Dade County assumes a warehouse land use intensity on this +/-188 acres at an FAR of 0.5 which equates to +/-4.1 million square feet of building square footage. **Table I-6** presents the Daily and PM peak hour trip generation summary for the CDMP Land Use Plan Map designations for the associated properties.

7.2 American Dream Miami

The American Dream Miami project is a unique attraction. At approximately 6,200,000 square feet of gross floor area (GFA), of which 3,500,000 square feet is gross leasable area (GLA) of retail use, it will be the largest single-enclosure retail/entertainment experience in the country. In addition to retail, the project is envisioned to include a theme park, a water park, a movie theater complex, restaurants, hotel, and other attractions intended to capture trips for an extended stay. As such, the trip characteristics at American Dream Miami (trip intensity per area, time-of-day behavior, trip duration, internal capture between uses, etc.) is neither entirely similar to established data available for retail uses or for entertainment uses.

The most representative land use category published in the Institute of Transportation Engineers (ITE) *Trip Generation Handbook* which could be used to forecast trips for the Project is ITE Code 820/Shopping Center. However, even as the fitted curve for ITE 820 shows larger shopping centers generate less external traffic per gross leasable area, the data available does not include any sample sizes which are comparable to the ADM Project. Additionally, shopping centers do not typically have the theme park/water park element and other unique venues envisioned for American Dream Miami. Therefore, use of ITE Code 820 rates will likely underestimate the trip duration and capture behavior at the Project, which would overestimate the amount of external trips generated. As recommended by ITE methodology, a more representative site was identified to take collect data from for determination of trip generation behavior.

The Mall of America (MOA) in Bloomington, Minnesota was found to be the most representative site available to observe trip rates for use with American Dream Miami. MOA is operated by the same developer who is planning American Dream Miami and with similar scale and unique concept and mix of land uses. As shown in **Table I-7**, MOA is comparable to the proposed square footage at American Dream Miami and is nearly equal in proportion of leasable retail use to gross floor area. Throughout the methodology process, a search for developments more representative or similar to MOA were discussed and conclusions documented (many of these are included in **Appendix I-A** materials along with information on MOA). The Applicant, and many of the agencies who submitted comments, concluded that MOA would be the best representative model to look to for use in American Dream Miami.

Table I - 6: Trip Generation Summary for Existing CDMP Land Use Plan Map Designations

	Land Use	ITE Code	Size	Units	Trip Rates		Trips					
					Daily	PM Peak	Daily	PM Peak Hour				
								Total	In		Out	
American Dream Miami (+/-194 acres)	**WEST OF NW 97TH AVE (+/-66 Acres)**											
	Office	710	300	KSF	10.36	1.38	3,108	415	17%	71	83%	344
	Business Park	770	500	KSF	12.24	1.33	6,120	663	23%	152	77%	511
	Warehouse	150	3,200	KSF	4.96	0.47	15,872	1,504	25%	376	75%	1,128
	Gross Total Trips West						**25,100**	**2,582**		**599**		**1,983**
	ADM Portion of Land =	19.1%	(65.9 acres / 345.8 acres)									
	ADM Property Total Trips West						**4,783**	**492**		**114**		**378**
	EAST OF NW 97TH AVE (+/-128.2 Acres)											
	Warehouse (128.2 acre * 0.5 FAR)	150	2,792	KSF	4.96	0.47	13,849	1,312	25%	328	75%	984
	ADM Property Total Trips East						**13,849**	**1,312**		**328**		**984**
	TOTAL TRIPS (+/-194.1 Acres)											
	ADM Property Total Trips						**18,632**	**1,804**		**442**		**1,362**

	Land Use	ITE Code	Size	Units	Trip Rates		Trips					
					Daily	PM Peak	Daily	PM Peak Hour				
								Total	In		Out	
Graham Project (+/-340 acres)	**WEST OF NW 97TH AVE (+/-279.9 Acres)**											
	Office	710	300	KSF	10.36	1.38	3,108	415	17%	71	83%	344
	Business Park	770	500	KSF	12.24	1.33	6,120	663	23%	152	77%	511
	Warehouse	150	3,200	KSF	4.96	0.47	15,872	1,504	25%	376	75%	1,128
	Gross Total Trips West						**25,100**	**2,582**		**599**		**1,983**
	GP Portion of Land =	80.9%	(279.9 acres / 345.8 acres)									
	GP Property Total Trips West						**20,317**	**2,090**		**485**		**1,605**
	EAST OF NW 97TH AVE (+/-60.2 Acres)											
	Warehouse (60.2 acre * 0.5 FAR)	150	1,311	KSF	4.96	0.47	6,502	616	25%	154	75%	462
	GP Property Total Trips East						**6,502**	**616**		**154**		**462**
	TOTAL TRIPS (+/-345.8 Acres)											
	GP Property Total Trips						**26,819**	**2,706**		**639**		**2,067**

Table I - 7: Size and Land Use Comparison of the Project and MOA

Variable	MOA	American Dream
Gross Leasable Area of Retail (GLA)	2,581,582 sf	3,500,000 sf
Gross Floor Area (GFA)	4,404,698 sf	6,200,000 sf
% GLA of GFA	59%	56%

The Applicant performed external traffic counts at MOA in June 2015 and again in August 2015. Each effort was performed independently of each other (different consultants) and involved collecting traffic counts at MOA over 72 hours. This data was averaged over the 3 days and seasonally adjusted to partial data available at the entry points for the entire year. The two independent studies were reviewed for accurate procedure, variability and reasonableness before the resulting seasonally adjusted rates from the two studies were averaged together and presented in the American Dream Miami CDMP TIA Methodology Technical Memorandum. The data indicated a traditional relationship of PM peak hour project generation occurring within the PM peak hour of adjacent traffic (between 4PM – 6PM). A summary of findings for MOA weekday and PM peak hour trip rates per 1,000 square feet of GLA of retail are provided in **Table I-8.** The complete count reports for the data collection efforts are included in **Appendices I-F** and **I-G.**

Table I - 8: MOA External Trip Generation Rates for Weekday and PM Peak Hour

Period	Traffic Count (June 2015)	Trip Rate (June 2015)	Traffic Count (August 2015)	Trip Rate (August 2015)	Trip Rate Average
Weekday	49,408	19.14	49,800	19.29	19.21
PM Peak Hour	3,347	1.30	4,173	1.62	1.46

Notes:
- Traffic counts are in units of external vehicle trips per period and were averaged and seasonally adjusted.
- Rates shown in units of external vehicle trips per period per 1,000 square feet of GLA of retail.

A trip generation summary for American Dream Miami was prepared per ITE methodology as outlined in the *Trip Generation Manual, 9th Edition* and *Trip Generation Handbook* and based on the MOA trip rates. MOA trips rates were derived per 1,000 square feet of gross leasable area (GLA) of retail and applied to GLA at American Dream Miami. Trips forecasted for American Dream Miami at build-out are used in the Short-term Year 2020 and Long-term Year 2040 LOS analyses later in this report. Again built-out for ADM is year 2020.

Adjustments to the total generated trip forecast for American Dream Miami were made to determine new external trips for the project. No internal capture rate was applied as the MOA trip rates applied to American Dream Miami are based on external trip totals (similar to ITE's treatment of Shopping Center). Using external trip rate data to forecast American Dream Miami trips has the benefit of avoiding speculative assumptions on internal capture behavior at this unique project. An upward adjustment of 10.8% of net external trips was applied to account for light rail transit ridership at MOA (currently unplanned in Miami). A reduction for diverted trips was applied to account for future project trips on nearby facilities that are already in the background traffic. This project trip type is expected to "divert" from their primary trip on the

roadways to a retail use(s) onsite before returning to their primary trip route. Examples of a diverted trip from a primary route due to a new retail use includes a visit to get a meal, to make a purchase, to service a new stop on a pre-existing delivery route, as an addition to a vacation trip chain, to rejuvenate on a long trip, or to simply satisfy a passer-by's curiosity. American Dream Miami is expected to have these traditional retail diverted trip types, and potential more so due to the uniqueness of the attraction. Therefore, and conservatively, the percentage of diverted trips was derived from the best data available in ITE's fitted curve equation for Land Use 820 (Shopping Center) as provided in ITE's *Trip Generation Handbook*. This equation adjusts the percentage of pass-by trips lower as the retail use increases. At build-out, the diverted trips shown below are new external trips to nearby roadways, but they are already in the background traffic on the adjacent freeways from which they divert from. The quantity of diverted trips calculated was confirmed to be less than 10% of the background traffic volumes on I-75 and HEFT as requested during the methodology review. **Table I-9** shows the trip generation summary of Daily, AM, and PM Peak Hour trip generation for American Dream Miami in Build-out Year 2020.

Table I - 9: Trip Generation Summary for American Dream Miami

Land Use	ITE Code	Size	Units	Trip Rates		Trips					
				Daily	AM Peak	Daily	AM Peak Hour				
							Total	In		Out	
Entertainment/Retail (GFA)	-	6,200	KSF	11.26	0.18	69,822	1,146	48%	550	52%	596
Total Generated Trips (pre-LRT adjustment)						**69,822**	**1,146**		**550**		**596**
PM Internal Capture =	0.0%					0	0		0		0
Net External Trips (pre-LRT adjustment)						**69,822**	**1,146**		**550**		**596**
LRT Adjustment =	10.8%	of net external trips				6,481	106		51		55
Net External Trips						**76,303**	**1,252**		**601**		**651**
Diverted Trips =	9.7%	of net external trips				5,995	98		43		55
New External Trips						**70,308**	**1,154**		**558**		**596**

Land Use	ITE Code	Size	Units	Trip Rates		Trips					
				Daily	PM Peak	Daily	PM Peak Hour				
							Total	In		Out	
Entertainment/Retail (GFA)	-	6,200	KSF	11.26	0.85	69,822	5,293	60%	3,176	40%	2,117
Total Generated Trips (pre-LRT adjustment)						**69,822**	**5,293**		**3,176**		**2,117**
AM Internal Capture =	0.0%					0	0		0		0
Net External Trips (pre-LRT adjustment)						**69,822**	**5,293**		**3,176**		**2,117**
LRT Adjustment =	10.8%	of net external trips				6,481	491		295		197
Net External Trips						**76,303**	**5,784**		**3,471**		**2,314**
Diverted Trips =	9.7%	of net external trips				5,995	454		250		204
New External Trips						**70,308**	**5,330**		**3,221**		**2,110**

Notes:
- Rates shown in units of external vehicle trips per period per 1,000 square feet of retail GLA where American Dream Miami consists of 3,500 KSF retail GLA within 6,200 ksf GFA (includes entertainment) plus hotel.
- Surveys at MOA show 10.8% LRT trips. This % added back into ADM with MOA auto occupancy as per agency coordination
- Diverted trips calculated from ITE's fitted curve for Shopping Center pass-by %; adjustment based on agency coordination

7.3 Graham Project

Trip generation associated with the Graham Project for the analysis years 2020 and 2040 has been forecast per Institute of Transportation's (ITE) methodology as outlined in the Trip Generation Manual, 9th Edition. In Year 2020, the project estimates a partial build-out of uses to include 150 KSF of commercial use, 250 KSF of business park use, and 500 multi-family dwelling units. In Year 2040, full build-out of the Graham Project will include 1,000 KSF of commercial use, 3,000 KSF of business park use, and 2,000 multi-family dwelling units.

For each year, the internal trip capture rate was calculated for the site by utilizing the Multi-Use Development Internal Capture Matrix methodology outlined in the Trip Generation Handbook. Internal capture matrices are provided in **Appendix I-H**. The resulting capture rate was applied to total project trips generated by land uses. The quantity of captured trips was then deducted from total trip quantities to derive the net external trips generated by the site. Next, a reduction for diverted trips was applied to account for future project trips on nearby roadways that are already in the background traffic. This project trip type is expected to "divert" from their primary trip on the freeways to a retail use(s) onsite before returning to their primary trip route. The percentage of diverted trips was derived from ITE's fitted curve equation for Land Use 820 (Shopping Center) as provided in ITE's *Trip Generation Handbook*. The diverted trips shown below are new external trips to the roadways, but they are already in the background traffic on the adjacent freeways from which they divert from. The quantity of diverted trips calculated was confirmed to be less than 10% of the background traffic volumes nearby roadways. The quantity of diverted trips was then deducted from net external trip quantities to derive the new external trips generated by the site. **Table I-10** provides the Daily and PM and AM peak hour trip generation summaries for the Graham Project for Years 2020 and for Build-out Year 2040.

8. BACKGROUND CONDITIONS (Years 2020 & 2040)

Background (non-project) traffic conditions were assessed for the Year 2020 (Short-term) and Year 2040 (Long-term) analyses by determining available roadway network and background LOS on roadway segments prior to applying project trips.

8.1 Year 2020 Future Roadway Networks

For Year 2020, the Transportation Improvement Program (TIP) for Miami-Dade and Broward Metropolitan Planning Organizations were reviewed to determine the Committed, or Cost Feasible, 2020 networks for this area. The Year 2020 and Year 2040 Zoning analyses are limited to the first three years of improvements (e.g. 2016/2017 through 2019/20) and therefore reflects the cost feasible and committed roadway improvements within the study area. Since the CDMP and the Concurrency analyses also rely the Year 2020 Short-Term network, one Year 2020 network was assumed for all these analyses (e.g. 2020 Concurrency, 2020 CDMP, 2020 Zoning, and 2040 Zoning). Reasonable assumptions regarding the design and accessibility at the I-75/HEFT/Miami Gardens Boulevard interchange were incorporated into the future roadway networks based on ongoing discussions with FDOT Districts Four and Six. Additionally, several roadways are planned to be developed to provide access to the proposed projects and offer additional capacity for the local area. **Table I-11** provides the location and description for these future year committed roadway improvements and the other planned roadway projects improvements assumed in place for the

Table I - 10: Trip Generation Summary for Graham Project

YEAR 2020 DEVELOPMENT PROGRAM TRIP GENERATION								
LAND USE	**UNITS**	**ITE LUC**	**ITE 9TH EDITION**	**DAILY**	**% IN**	**TRIPS IN**	**% OUT**	**TRIPS OUT**
APARTMENTS	500 DU	220	T = 6.06 (X) + 123.56	3,154	50%	1,577	50%	1,577
RETAIL	150,000 SQ. FT.	820	Ln (T) = 0.65 Ln (X) + 5.83	8,839	50%	4,420	50%	4,419
BUSINESS PARK	250,000 SQ. FT.	770	T = 10.62 (X) + 715.61	3,371	50%	1,685	50%	1,686
GROSS DRIVEWAY TRIPS				**15,363**	50%	**7,682**	50%	**7,681**
INTERNALIZATION	**See Note 1**	**15.97%**	Internalization - See Table 1B	2,453	50%	1,227	50%	1,226
DIVERTED TRIPS TO RETAIL USE	**See Note 2**	**35.00%**	Ln (TP) = -0.29 Ln (X) + 5.00	2,600	50%	1,300	50%	1,300
NET EXTERNAL TRIPS				**10,310**	50%	**5,155**	50%	**5,155**
LAND USE	**UNITS**	**ITE LUC**	**ITE 9TH EDITION**	**AM TRIPS**	**% IN**	**TRIPS IN**	**% OUT**	**TRIPS OUT**
APARTMENTS	500 DU	220	T = 0.49 (X) + 3.73	249	20%	50	80%	199
RETAIL	150,000 SQ. FT.	820	Ln (T) = 0.61 Ln (X) + 2.24	200	62%	124	38%	76
BUSINESS PARK	250,000 SQ. FT.	770	Ln (T) = 0.97 Ln (X) + 0.49	346	85%	294	15%	52
GROSS DRIVEWAY TRIPS				**795**	59%	**468**	41%	**327**
INTERNALIZATION	**See Note 1**	**8.40%**	Internalization - See Table 1C	67	59%	39	41%	28
DIVERTED TRIPS TO RETAIL USE	**See Note 2**	**35.00%**	Ln (TP) = -0.29 Ln (X) + 5.00	64	62%	40	38%	24
NET EXTERNAL TRIPS				**664**	59%	**389**	41%	**275**
LAND USE	**UNITS**	**ITE LUC**	**ITE 9TH EDITION**	**PM TRIPS**	**% IN**	**TRIPS IN**	**% OUT**	**TRIPS OUT**
APARTMENTS	500 DU	220	T = 0.55 (X) + 17.65	293	65%	190	35%	103
RETAIL	150,000 SQ. FT.	820	Ln (T) = 0.67 Ln (X) + 3.31	786	48%	377	52%	409
BUSINESS PARK	250,000 SQ. FT.	770	Ln (T) = 0.90 Ln (X) + 0.85	337	26%	88	74%	249
GROSS DRIVEWAY TRIPS				**1,416**	46%	**655**	54%	**761**
INTERNALIZATION	**See Note 1**	**24.38%**	Internalization - See Table 1D	345	46%	159	54%	186
DIVERTED TRIPS TO RETAIL USE	**See Note 2**	**35.00%**	Ln (TP) = -0.29 Ln (X) + 5.00	208	48%	100	52%	108
NET EXTERNAL TRIPS				**863**	46%	**396**	54%	**467**

YEAR 2040 DEVELOPMENT PROGRAM TRIP GENERATION								
LAND USE	**UNITS**	**ITE LUC**	**ITE 9TH EDITION**	**DAILY**	**% IN**	**TRIPS IN**	**% OUT**	**TRIPS OUT**
APARTMENTS	2,000 DU	220	T = 6.06 (X) + 123.56	12,244	50%	6,122	50%	6,122
RETAIL	1,000,000 SQ. FT.	820	Ln (T) = 0.65 Ln (X) + 5.83	30,334	50%	15,167	50%	15,167
BUSINESS PARK	3,000,000 SQ. FT.	770	T = 10.62 (X) + 715.61	32,576	50%	16,288	50%	16,288
GROSS DRIVEWAY TRIPS				**75,153**	50%	**37,577**	50%	**37,576**
INTERNALIZATION	**See Note 1**	**11.39%**	Internalization - See Table 2B	8,560	50%	4,280	50%	4,280
DIVERTED TRIPS TO RETAIL USE	**See Note 2**	**20.00%**	Ln (TP) = -0.29 Ln (X) + 5.00	5,376	50%	2,688	50%	2,688
NET EXTERNAL TRIPS				**61,217**	50%	**30,609**	50%	**30,608**
LAND USE	**UNITS**	**ITE LUC**	**ITE 9TH EDITION**	**AM TRIPS**	**% IN**	**TRIPS IN**	**% OUT**	**TRIPS OUT**
APARTMENTS	2,000 DU	220	T = 0.49 (X) + 3.73	984	20%	197	80%	787
RETAIL	1,000,000 SQ. FT.	820	Ln (T) = 0.61 Ln (X) + 2.24	635	62%	394	38%	241
BUSINESS PARK	3,000,000 SQ. FT.	770	Ln (T) = 0.97 Ln (X) + 0.49	3,851	85%	3,273	15%	578
GROSS DRIVEWAY TRIPS				**5,470**	71%	**3,864**	29%	**1,606**
INTERNALIZATION	**See Note 1**	**8.17%**	Internalization - See Table 2C	447	71%	317	29%	130
DIVERTED TRIPS TO RETAIL USE	**See Note 2**	**20.00%**	Ln (TP) = -0.29 Ln (X) + 5.00	117	62%	72	38%	45
NET EXTERNAL TRIPS				**4,906**	71%	**3,475**	29%	**1,431**
LAND USE	**UNITS**	**ITE LUC**	**ITE 9TH EDITION**	**PM TRIPS**	**% IN**	**TRIPS IN**	**% OUT**	**TRIPS OUT**
APARTMENTS	2,000 DU	220	T = 0.55 (X) + 17.65	1,118	65%	726	35%	392
RETAIL	1,000,000 SQ. FT.	820	Ln (T) = 0.67 Ln (X) + 3.31	2,802	48%	1,345	52%	1,457
BUSINESS PARK	3,000,000 SQ. FT.	770	Ln (T) = 0.90 Ln (X) + 0.85	3,152	26%	820	74%	2,332
GROSS DRIVEWAY TRIPS				**7,072**	41%	**2,891**	59%	**4,181**
INTERNALIZATION	**See Note 1**	**18.38%**	Internalization - See Table 2D	1,300	41%	533	59%	767
DIVERTED TRIPS TO RETAIL USE	**See Note 2**	**20.00%**	Ln (TP) = -0.29 Ln (X) + 5.00	457	48%	220	52%	237
NET EXTERNAL TRIPS				**5,315**	40%	**2,138**	60%	**3,177**

Note 1 - See attached Tables 1B, 1C, 1D, 2B, 2C, and 2D (**Appendix I-H**) for the Daily, AM Peak Hour and PM Peak Hour Internalization calculations provided using the ITE Multi-Use Spreadsheets and the internalization factors from the ITE Trip Generation Handbook. The Daily internalization Factors are found in Tables 7.1 and 7.2 from the ITE Trip Generation Handbook 2nd Edition while the updated AM and PM Peak Hour factors are found in Tables 6.1 and 6.2 from the ITE Trip Generation Handbook 3rd Edition

.**Note 2** - Diverted Trips to Retail Use for the Year 2040 proposed development program is Limited to 20% of the External Retail Trips (calculated using the ITE Pass-by Formula) and is further limited to 10% of the Adjacent Street Traffic calculated using the closest adjacent FDOT Count Stations 2518 on Miami Gardens Drive and 7048 on NW 138 Street. See Table 2E (**Appendix I-H**) for the calculations to show compliance with the 10% threshold.

Table I - 11: Future Year 2020 Roadway Improvements

Year 2020 Committed Improvements

Roadway	From	To	2020 No. of Lanes	Improvement	TIP #	FY
Florida's Turnpike /HEFT/SR 821	Bird Road	SR 836 (Dolpin Expwy)	6+4	Widen to 10L incl Express	U/C	2019
	SR 836 (Dolphin Expwy)	NW 106th Street	6+4	Widen to 10L incl Express	435543-1	2018/2019
	NW 106th Street	Interstate 75	6+4	Widen to 10L incl Express	435542-1	2017/2018
	Interstate 75	CR 823/Red Rd	6+2	Widen to 8L incl Express	435546-1	2016
	CR 823/Red Rd	Miramar Toll Plaza	6+2	Widen to 8L incl Express	429328-1	2017
Interstate 75	I-595	N of Griffin Rd	8+4	Add Special Use Lanes	4217076	2017
	Griffin Rd	Sheridan St	8+4	Add Special Use Lanes	4217075	2017
	Sheridan St	Miramar Pkwy/ S 33rd St	10+4	Add Special Use Lanes	4217074	2017
	Miramar Pkwy/ S 33rd St	Florida's Turnpike	12+4	Add Special Use Lanes	4217073	2017
	Florida's Turnpike	NW 170th St	10+4	Add Special Use Lanes	U/C	U/C
	NW 170th St	SR 826	8+4	Add Special Use Lanes	4326871	2017
SR 826	NW 154th St	I-75	6+2			
	I-75	NW 103rd St	6+4			
	NW 103rd St	NW 36th St	8+4			
	NW 36th St	Flagler St	10+2			

Source: Miami-Dade and Broward TIPs

Year 2020 Planned Improvements

Roadway	From	To	2020 No. of Lanes	Improvement	Coordinate With	FY	LRTP CF Plan Priority #
NW 102nd Ave	NW 178th St	ADM Project Access Rd	New 4	ADM Project	MDC	2020	N/A
Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Eastern Ramps	New 6	ADM Project	FDOT/MDC	2020	IV(4L)
NW 170th St	Florida Turnpike	NW 97th Ave	New 6	ADM/Graham Project	MDC	2020	III
NW 97th Ave	NW 170th St	NW 178th St	New 4	ADM/Graham Project	MDC	2020	N/A
NW 178th Ave	Graham Access	I-75	New 4	ADM/Graham Project	MDC	2020	N/A
Interchanges @ I-75/HEFT/Miami-Gardens Dr				Interchange Modifications	FDOT/Turnpike	2020	N/A
Interchange @ HEFT/NW 170th St				New Interchange	Turnpike	2020	N/A

Table I - 12: Future Year 2040 Roadway Improvements

Year 2040 Cost Feasible LRTP Improvements

Roadway	From	To	2040 No. of Lanes	Improvement	Priority #
NW 138th St	Florida's Turnpike	SR 826	6	Extend SR-924 to SR-821 (HEFT) with connections to I-75 and SR- 826	Priority II #30

Year 2040 Miami-Dade County Requested Improvements

Roadway	From	To	2040 No. of Lanes	Improvement	Priority #
NW 107th Ave	NW 138th St	NW 170th St	New 2	Per MDC Request	
NW 102nd Ave	NW 170th St	NW 178th St	New 4	Per MDC Request	

background roadway networks. For the Year 2020 Planned Improvements, notes are included regarding the timelines and agencies that will be coordinated with for these projects, along with whether the projects are included in the Miami-Dade County Cost Feasible Plan. **Figure I-8** illustrates the Year 2020 roadway number of lanes within the study area. **Appendix I-I** includes the MPO TIP information referenced for the Year 2020 network.

8.2 Year 2040 Future Roadway Networks

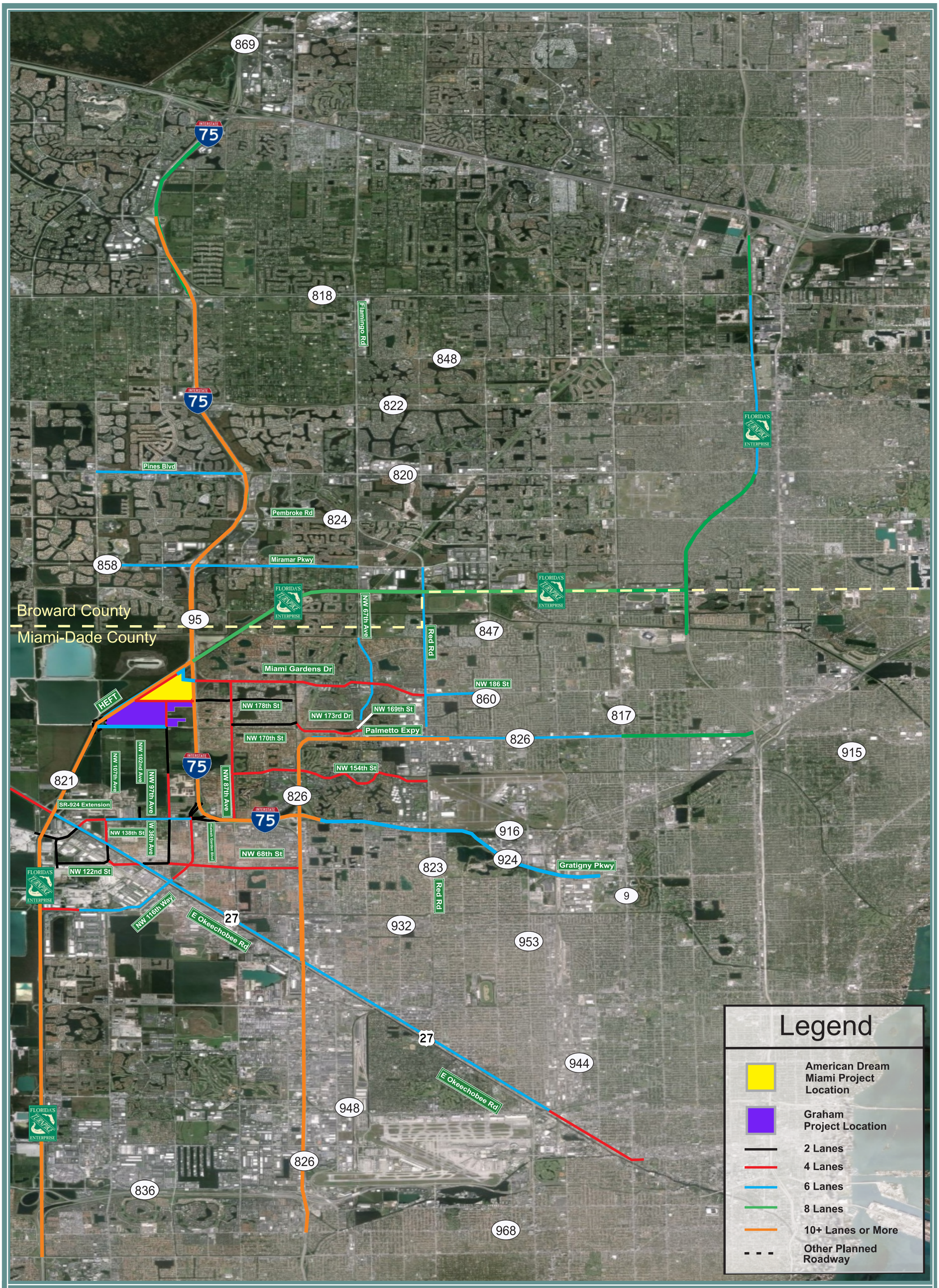
Cost-feasible roadway improvements in the vicinity of the projects are assumed in place for the Year 2040 future year analyses per CDMP TIA requirements but applies only to the Year 2040 CDMP analyses. The Miami-Dade and Broward MPO Adopted 2040 Long Range Transportation Plans (LRTPs) were reviewed for the Cost Feasible 2040 networks for this area. Reasonable assumptions regarding the design and accessibility at the I-75/HEFT/Miami Gardens Boulevard interchange were once again incorporated into the future roadway networks based on ongoing discussions with FDOT. Additionally, several roadways are planned to be developed to provide access to the proposed projects and provide additional capacity for the local area. **Table I-12** provides the location and description for these year 2040 future cost feasible roadway improvements assumed in place for the background roadway networks. **Figure I-9** illustrates the Year 2040 roadway number of lanes within the study area. **Appendix I-I** also includes the MPO LRTP information referenced for the Year 2040 network.

8.3 Background Growth

Background year volumes were developed by reviewing historical traffic growth on individual roadway links. Available historical traffic counts from year 2009 through year 2014 were consulted as a basis for the background growth review from either FDOT, County or City sources. Next the 2015 existing traffic counts were established. This meant that any traffic count obtained in the prior to the year 2015 was converted to an equivalent year 2015 count based ratio of the 2015 AADT to the Year of Count derived AADT, as described in the existing traffic count information. Next the year 2020 and year 2040 percent growth were developed. This was achieved by deriving a per year growth rate between the years 2015 and 2020 and the years 2015 and 2040, respectively. Since in many cases either negative or extremely high growth rates were historically observed, the following criteria were developed to establish future growth rates:

- A minimum of 1% was applied to all roadway links (2015-2020 and 2015-2040)
- For HEFT, both 2015-2020 and 2015-2040 growth rates were based on 2.4% south of SR 836 and 3.0% north of SR 836 in accordance with the Florida's Turnpike provided information
- For the 2015-2020 growth, a maximum of 5.0% was used for all facilities; except for non-HEFT freeways which were maximized at 2.5%
- For the 2020-2040 growth, a maximum of 2.0% was used for all facilities; except for non-HEFT freeways which were maximized at 1.5%
- For new area roadways, model volumes were referenced

The above criteria were set to make sure that traffic growth continued to grow following existing patterns through the year 2040 while limiting the amount of growth which could occur from year



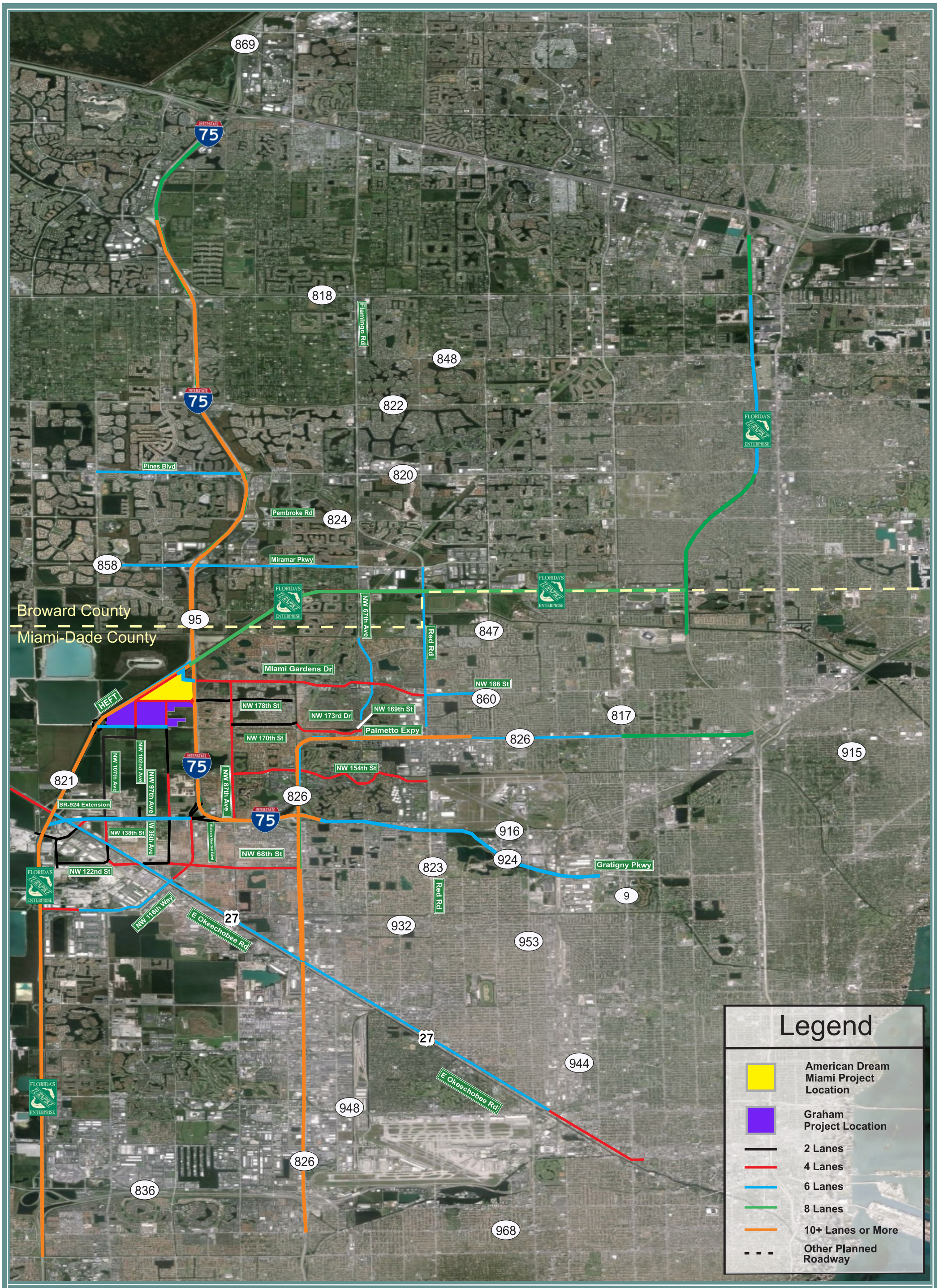
2020 Committed & Planned Network

American Dream Miami / Graham

NTS

Figure:

I-8



2040 Cost Feasible & Planned Network

American Dream Miami / Graham

NTS

Figure:

I-9

2015 through 2040, as saturated conditions will force traffic to move away from peak periods and new technologies will come into place. The criteria were also set to "err" on the conservative side in regards to growth rates so that background traffic would not automatically be the source for capacity being exceeded, unless the lower growth rates warranted such capacity improvement. A Background Volumes Summary is provided in **Table I-13** to show development of future background volume forecasting.

The link growth rates were also used to develop intersection growth rates. First, the approach roadway link growth rates were identified for the intersection movements, where available. A detailed summary of this initial intersection growth review is included in **Appendix I-J**. Next, the five intersection areas were identified and an average growth rate was derived for each. The areas were developed to ensure that a consistent growth occurred between intersections which were located in close proximity to each other. The following five areas were distinguished and are presented, along with the corresponding intersections which are included within each:

- Miami Gardens Dr Area (ID #s 1-11, 50)
- Okeechobee Blvd/Hialeah Gardens Blvd Area (ID #s 12-15, 20, 23, 44, 51-54)
- SR 823/Red Rd at Turnpike Ramps (ID #s 16-17)
- Miramar Pkwy at I-75 Rams (ID #s 36-37)
- Pines Blvd at I-75 Ramps (ID #s 38-39)

Table I-14 shows the resulting intersection percent growth rates applied to each of the five areas.

8.4 Background Roadway Link Directional PHPs

Two different sets of PHP volumes were reviewed. One Concurrency directional PHPs were developed by adding the MDC RER Database Vested Trips and other recently approved development trips to existing 2015 directional PHPs.

This was achieved by identifying the roadway links where vested trips were available from either the MDC FDOT or County vested trip databases. Next, the two-way vested "DOS" trips were split into NB/EB and SB/WB directional volumes assuming the directional distributions for each the Year 2015 AM and the Year 2015 PM peak hour traffic directional PHPs. In other words, the DOS trips were proportioned based on the splits (D factors) noted in the existing volumes. This ensured that a conservative approach was taken for adding the vested trips to the 2015 counts. Traffic studies were obtained from Miami-Dade County and several of the nearby municipalities to identify project trips associated with the additional approved trips not included in the County vested trip databases (**Appendix I-S**). Both the AM and the PM Concurrency PHPs were developed; though only the PM trips were analyzed for the Concurrency analyses. It was assumed that the vested trips were based on PM conditions.

For the other background scenarios (2020 CDMP/Zoning and Year 2040 CDMP/Zoning), the background growth rates developed and shown in **Table I-13** were applied directly to the existing year 2015 AM and PM PHPs. Results of the Concurrency, CDMP, and Zoning background PHPs development are summarized for the AM and PM periods in **Table I-14**.

Table I-13: Year 2020 and Year 2040 Background Future Growth Rate Summary

Roadway	To	From	MDC HISTORICAL COUNTS (1)			BROWARD COUNTY COUNTS (2)		FDOT AADT HISTORICAL COUNTS (3)							EXISTING DAILY VOLUMES (4)			2015-2020 SHORT-TERM BACKGROUND GROWTH						2015-2040 LONG-TERM BACKGROUND GROWTH							
															2015	2015	Final 2015	2020	2020 MDC Forecast		2020 FDOT Forecast			2040	2040 MDC Forecast		2040 FDOT Forecast			2040	
			Count STA No.	2014	2015	Count STA No.	2015	Count STA No.	2009	2010	2011	2012	2013	2014	County Count	2% FDOT w/ Grwth	Daily Traffic Volume	1% 2015 Plus 5Yr Growth	MDC 5-Yr Forecast	Eqvlt Annual Growth %	FDOT 5-Yr Forecast	Eqvlt Annual Growth %	2015-2020 Adj Final Annual Growth % (5)	1% 2015 Plus 5Yr Growth	MDC 25-Yr Forecast	Eqvlt Annual Growth %	FDOT 25-Yr Forecast	Eqvlt Annual Growth %	Initial Annual Growth %	2% 2020 Plus 20Yr Growth	2015-2040 Adj Final Annual Growth % (6)
Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836						972250	140,900	146,200	148,000	150,000	150,000	164,000		167,280	167,280	175,813			181,154	1.6%	**2.4%**	214,525			254,811	1.7%	1.7%	279,864	**2.4%**
	SR 836	NW 12th Street						972526	92,000	95,500	93,000	98,000	99,000	109,000		111,180	111,180	116,851			122,157	1.9%	**3.0%**	142,581			179,586	1.9%	1.9%	191,521	**3.0%**
	NW 12th Street	NW 41th Street						972230	94,800	98,300	98,000	104,000	106,000	116,000		118,320	118,320	124,356			135,660	2.8%	**3.0%**	151,737			212,860	2.4%	2.4%	203,820	**3.0%**
	NW 41th Street	NW 74th Street						972269		94,700	97,000	102,000	104,000	116,000		118,320	118,320	124,356			142,420	3.8%	**3.0%**	151,737			241,620	2.9%	2.9%	203,820	**3.0%**
	NW 74th Street	NW 106th Street						972268	89,600	93,100	95,000	96,000	96,000	108,000		110,160	110,160	115,779			120,982	1.9%	**3.0%**	141,273			179,096	2.0%	2.0%	189,764	**3.0%**
	NW 106th Street	US 27/ Okeechobee Rd						972272	83,100	85,700	89,000	89,000	90,000	101,000		103,020	103,020	108,275			114,502	2.1%	**3.0%**	132,116			173,016	2.1%	2.1%	177,464	**3.0%**
	US 27/ Okeechobee Rd	NW 170th St						972248	78,100	80,300	83,000	83,000	84,000	93,000		94,860	94,860	99,699			104,355	1.9%	**3.0%**	121,651			153,270	1.9%	1.9%	163,408	**3.0%**
	NW 170th St	Interstate 75						972248	78,100	80,300	83,000	83,000	84,000	93,000		94,860	94,860	99,699			104,355	1.9%	**3.0%**	121,651			153,270	1.9%	1.9%	163,408	**3.0%**
	Interstate 75	CR 823/Red Rd						972285	44,700	42,200	45,000	47,000	47,000	51,000		52,020	52,020	54,674			57,783	2.1%	**3.0%**	66,712			85,154	2.0%	2.0%	89,611	**3.0%**
	CR 823/Red Rd	CR 817/NW 27th Ave						971996	60,000	61,100	63,000	64,000	64,000	69,000		70,380	70,380	73,970			76,801	1.8%	**3.0%**	90,258			108,058	1.7%	1.7%	121,238	**3.0%**
	CR 817/NW 27th Ave	Florida's Turnpike/SR 91						971998	51,300	51,900	53,000	54,000	54,000	58,000		59,160	59,160	62,178			63,609	1.5%	**3.0%**	75,869			86,923	1.6%	1.6%	101,910	**3.0%**
Florida's Turnpike/ SR 91	I-595	Griffin Rd						971904	109,400	111,700	112,000	112,000	107,000	113,000		115,260	115,260	121,139			111,797	-0.6%	**1.0%**	147,813			114,026	0.0%	1.0%	180,007	**1.0%**
	Griffin Rd	Pines Blvd						971902	108,300	110,600	112,000	111,000	108,000	116,000		118,320	118,320	124,356			118,196	0.0%	**1.0%**	151,737			135,168	0.5%	1.0%	184,786	**1.0%**
	Pines Blvd	Florida's Turnpike/HEFT/SR 821						971900	103,900	106,200	108,000	107,000	98,000	112,000		114,240	114,240	120,067			109,469	-0.8%	**1.0%**	146,505			117,983	0.1%	1.0%	178,414	**1.0%**
	Florida's Turnpike/HEFT/SR 821	NW 203rd St						970502	76,000	79,800	81,000	84,000	84,000	91,000		92,820	92,820	97,555			104,636	2.4%	**2.4%**	119,035			156,408	2.1%	2.1%	155,484	**1.5%**
Interstate 75	I-595	Royal Palm Blvd						862005	142,000	145,000	140,500	146,000	163,500	171,500		174,930	174,930	183,853			202,052	2.9%	**2.5%**	224,336			321,195	2.5%	2.5%	294,095	**1.5%**
	Royal Palm Blvd	Griffin Rd						862004	140,500	143,000	136,500	149,500	183,000	185,000		188,700	188,700	198,326			242,586	5.2%	**2.5%**	241,995			445,729	3.5%	3.5%	317,245	**1.5%**
	Griffin Rd	Sheridan St						862003	126,500	127,500	144,500	151,000	155,000	180,000		183,600	183,600	192,965			233,995	5.0%	**2.5%**	235,455			437,710	3.5%	3.5%	308,671	**1.5%**
	Sheridan St	Pines Blvd						862002	150,500	152,000	142,000	143,000	145,000	150,000		153,000	153,000	160,805			141,619	-1.5%	**1.0%**	196,212			128,762	-0.7%	1.0%	238,947	**1.0%**
	Pines Blvd	Miramar Pkwy/ S 33rd St						862001	146,500	147,500	135,500	137,000	147,500	151,000		154,020	154,020	161,877			149,995	-0.5%	**1.0%**	197,520			163,710	0.2%	1.0%	240,540	**1.0%**
	Miramar Pkwy/ S 33rd St	Florida's Turnpike						860362		150,236	150,500	151,562	157,485	163,084		166,346	166,346	174,831			180,718	1.7%	**1.7%**	213,327			246,080	1.6%	1.6%	268,538	**1.5%**
	Florida's Turnpike	Miami Gardens Dr/NW 186 St						872503	148,000	148,000	148,500	148,500	141,500	167,000		170,340	170,340	179,029			168,586	-0.2%	**1.0%**	218,449			211,729	0.9%	1.0%	266,028	**1.0%**
	Miami Gardens Dr/NW 186 St	NW 178th St						872501	114,000	110,000	110,000	112,000	120,000	123,500		125,970	125,970	132,396			134,224	1.3%	**1.3%**	161,548			179,652	1.4%	1.4%	199,450	**1.4%**
	NW 178th St	NW 138th Street						872501	114,000	110,000	110,000	112,000	120,000	123,500		125,970	125,970	132,396			134,224	1.3%	**1.3%**	161,548			179,652	1.4%	1.4%	199,450	**1.4%**
	NW 138th Street	SR 826						872500	127,000	127,000	115,500	112,000	111,500	130,500		133,110	133,110	139,900			112,690	-3.3%	**1.0%**	170,705			94,119	-1.4%	1.0%	207,884	**1.0%**
SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)						872511	63,000	59,500	58,000	47,000	56,500	60,000		61,200	61,200	64,322			48,833	-4.4%	**1.0%**	78,485			28,833	-3.0%	1.0%	95,579	**1.0%**
	NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)						872512	36,500	33,000	38,500	27,000	42,000	47,500		48,450	48,450	50,921			54,538	2.4%	**2.4%**	62,134			94,824	2.7%	2.7%	81,041	**1.5%**
	Douglas(Le Jeune Connector)	NW 32nd Ave						872510	39,500	37,000	38,500	45,500	35,500	43,000		43,860	43,860	46,097			44,690	0.4%	**1.0%**	56,247			56,119	1.0%	1.0%	68,498	**1.0%**
NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St						(7)						8,000		8,160	8,160	8,576					**1.0%**	10,465					1.0%	12,744	**1.0%**
	NW 138th St	NW 170th St						NOT EXISTING ROADWAY LINK																							
NW 102nd Ave	NW 170th St	NW 178th St						NOT EXISTING ROADWAY LINK																							
	NW 178th St	ADM Project Access Rd						NOT EXISTING ROADWAY LINK																							
Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps						NOT EXISTING ROADWAY LINK																							
	Interstate 75 Western Ramps	Interstate 75 Eastern Ramps						NOT EXISTING ROADWAY LINK																							
	Interstate 75 Eastern Ramps	NW 87th Ave						872518		42,000	38,000	41,000	42,000	41,000		41,820	41,820	43,953			42,400	0.3%	**1.0%**	53,631			46,400	0.4%	1.0%	65,312	**1.0%**
	NW 87th Ave	NW 82nd Ave						872518		42,000	38,000	41,000	42,000	41,000		41,820	41,820	43,953			42,400	0.3%	**1.0%**	53,631			46,400	0.4%	1.0%	65,312	**1.0%**
	NW 82nd Ave	NW 77nd Ave						872517		41,000	46,500	47,500	41,500	41,500		42,330	42,330	44,489			40,400	-0.9%	**1.0%**	54,285			32,400	-1.1%	1.0%	66,109	**1.0%**
	NW 77nd Ave	NW 67nd Ave						872517		41,000	46,500	47,500	41,500	41,500		42,330	42,330	44,489			40,400	-0.9%	**1.0%**	54,285			32,400	-1.1%	1.0%	66,109	**1.0%**
	NW 67nd Ave	NW 57nd Ave						872516		46,500	37,000	48,500	35,500	35,000		35,700	35,700	37,521			20,900	-10.2%	**1.0%**	45,783					1.0%	55,754	**1.0%**
	NW 57th Ave	NW 47th Ave						871233	30,500	30,500	29,500	29,500	28,500	32,500		33,150	33,150	34,841			31,138	-1.2%	**1.0%**	42,513			33,424	0.0%	1.0%	51,772	**1.0%**
NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave						NOT EXISTING ROADWAY LINK																							
	NW 102 Ave/NW 107 Ave	NW 97th Ave						NOT EXISTING ROADWAY LINK																							
	NW 87th Ave	NW 82nd Ave						878177					12,000	12,100		12,342	12,342	12,972			12,700	0.6%	**1.0%**	15,828			14,700	0.7%	1.0%	19,275	**1.0%**
	NW 82nd Ave	NW 78th Ave	9,552	6,785	6,198			-							6,198		6,198	6,514	3,263	-12.0%			**1.0%**	7,949					1.0%	9,680	**1.0%**
NW 169th St	NW 77th Ct	NW 67th Ave	9,550	13,172	13,546			-							13,546		13,546	14,237	15,416	2.6%			**2.6%**	17,372	22,896	**2.1%**			2.1%	22,907	**2.1%**
NW 154th St	NW 87th Ave	NW 82nd Ave	9,544	~~24,913~~	~~51,796~~			877037	29,500	28,500	24,000	24,000	27,000	27,000	~~n/a~~	27,540	27,540	28,945			22,538	-3.9%	**1.0%**	35,318			12,824	-3.0%	1.0%	43,010	**1.0%**
	NW 82nd Ave	SR 826						877037	29,500	28,500	24,000	24,000	27,000	27,000		27,540	27,540	28,945			22,538	-3.9%	**1.0%**	35,318			12,824	-3.0%	1.0%	43,010	**1.0%**
	SR 826	NW 67th Ave	9,258	32,780	18,540			878673							18,540		18,540	19,486					**1.0%**	23,776					1.0%	28,955	**1.0%**
	NW 67th Ave	NW 57th Ave (Red Road)	9,256	12,454	17,030			878646							17,030		17,030	17,899	39,910	18.57%			**5.0%**	21,840	131,430	**8.5%**			8.5%	32,297	**2.6%**
NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave						878684						17,300		17,646	17,646	18,546					**1.0%**	22,630					1.0%	27,559	**1.0%**
	NW 107th Ave	NW 97th Ave						877048	15,000	15,900	15,700	15,500	15,900	20,300		20,706	20,706	21,762			22,770	1.9%	**1.9%**	26,554			37,799	2.4%	2.4%	33,836	**2.0%**
	NW 97th Ave	Hialeah Gardens Blvd						877048	15,000	15,900	15,700	15,500	15,900	20,300		20,706	20,706	21,762			22,770	1.9%	**1.9%**	26,554			37,799	2.4%	2.4%	33,836	**2.0%**
Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd						877065	1,100	6,700	6,700	24,500	24,500	24,500		24,990	24,990	26,265			60,372	19.3%	**5.0%**	32,048			167,915	7.9%	7.9%	47,393	**2.6%**
	US 27/ Okeechobee Rd	NW 138th St						878620				28,000	28,000	28,000		28,560	28,560	30,017			28,000	-0.4%	**1.0%**	36,626			28,000	-0.1%	1.0%	44,603	**1.0%**
NW 97th Ave	NW 122nd St	NW 130th St						878243			7,100	7,000	7,700	7,700		7,854	7,854	8,255			9,250	3.3%	**3.3%**	10,072			14,250	2.4%	2.4%	13,745	**2.3%**
	NW 130th St	NW 138th St						878243			7,100	7,000	7,700	7,700		7,854	7,854	8,255			9,250	3.3%	**3.3%**	10,072			14,250	2.4%	2.4%	13,745	**2.3%**
	NW 138th St	NW 154th St						878243			7,100	7,000	7,700	7,700		7,854	7,854	8,255			9,250	3.3%	**3.3%**	10,072			14,250	2.4%	2.4%	13,745	**2.3%**
	NW 154th St	NW 170th St						878243			7,100	7,000	7,700	7,700		7,854	7,854	8,255			9,250	3.3%	**3.3%**	10,072			14,250	2.4%	2.4%	13,745	**2.3%**
	NW 170th St	Graham Access						NOT EXISTING ROADWAY LINK																							
	Graham Access	NW 178th St						NOT EXISTING ROADWAY LINK																							

Table I-13: Year 2020 and Year 2040 Background Future Growth Rate Summary

Roadway	To	From	MDC HISTORICAL COUNTS (1)			BROWARD COUNTY COUNTS (2)		FDOT AADT HISTORICAL COUNTS (3)							EXISTING DAILY VOLUMES (4)			2015-2020 SHORT-TERM BACKGROUND GROWTH						2015-2040 LONG-TERM BACKGROUND GROWTH							
															2015	2015	Final 2015	2020	2020 MDC Forecast		2020 FDOT Forecast			2040	2040 MDC Forecast		2040 FDOT Forecast			2040	
			Count STA No.	2014	2015	Count STA No.	2015	Count STA No.	2009	2010	2011	2012	2013	2014	County Count	2% FDOT w/ Grwth	Daily Traffic Volume	1% 2015 Plus 5Yr Growth	MDC 5-Yr Forecast	Eqvlt Annual Growth %	FDOT 5-Yr Forecast	Eqvlt Annual Growth %	2015-2020 Adj Final Annual Growth % (5)	1% 2015 Plus 5Yr Growth	MDC 25-Yr Forecast	Eqvlt Annual Growth %	FDOT 25-Yr Forecast	Eqvlt Annual Growth %	Initial Annual Growth %	2% 2020 Plus 20Yr Growth	2015-2040 Adj Final Annual Growth % (6)
NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St						878176				23,500	23,500	23,500		23,970	23,970	25,193			23,500	-0.4%	**1.0%**	30,740			23,500	-0.1%	1.0%	37,435	**1.0%**
	NW 170th St	NW 154th St						878112			3,500	3,500	2,500	2,500		2,550	2,550	2,680					**1.0%**	3,270					1.0%	3,982	**1.0%**
NW178th St	Graham Access	NW 97th Ave						NOT EXISTING ROADWAY LINK																						
	NW 97th Ave	Iinterstate 75						NOT EXISTING ROADWAY LINK																						
Miramar Pkwy	SW 172nd Ave	SW 160th Ave						869688	40,000	41,000	43,000	44,000	44,000	45,000		45,900	45,900	48,241			51,333	2.3%	**2.3%**	58,864			71,333	1.8%	1.8%	76,279	**1.5%**
	SW 160th Ave	Interstate 75				n/a	51,937	n/a							51,937		51,937	54,586					**1.0%**	66,606					1.0%	81,112	**1.0%**
	Interstate 75	SW 148th Ave				n/a	48,252	n/a							48,252		48,252	50,713					**1.0%**	61,880					1.0%	75,357	**1.0%**
	SW 148th Ave	Flamingo Rd						867326	44,000	48,500	49,500	50,000	50,500	51,500		52,530	52,530	55,210			59,686	2.6%	**2.6%**	67,366			84,829	1.9%	1.9%	88,690	**1.5%**
NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd						877076		17,900	17,700	20,300	20,100	25,000		25,500	25,500	26,801			33,480	5.6%	**1.0%**	32,702			66,680	3.9%	3.9%	39,825	**1.0%**
	Hialeah Gardens Blvd	NW 89th Ave						877076		17,900	17,700	20,300	20,100	25,000		25,500	25,500	26,801			33,480	5.6%	**1.0%**	32,702			66,680	3.9%	3.9%	39,825	**1.0%**
	NW 89th Ave	NW 87th Ave						878193				20,500	20,900	21,000		21,420	21,420	22,513			22,550	1.0%	**1.0%**	27,470			27,550	1.0%	1.0%	33,508	**1.0%**
	NW 87th Ave	SR 826						877041	31,500	27,000	27,000	27,500	27,500	19,800		20,196	20,196	21,226			12,995	-8.4%	**1.0%**	25,900					1.0%	31,541	**1.0%**
	N Okeechobee Rd	NW 97th Ave						877076		17,900	17,700	20,300	20,100	25,000		25,500	25,500	26,801			33,480	5.6%	**5.0%**	32,702			66,680	3.9%	3.9%	48,360	**2.6%**
SR 826	I-75	NW 122nd St						870575	157,500	197,500	194,000	187,500	195,000	204,000		208,080	208,080	218,694			242,314	3.1%	**2.5%**	266,848			367,171	2.3%	2.3%	349,827	**1.5%**
	NW 122nd St	NW 103rd St						870574	207,000	204,000	200,000	190,500	188,500	213,000		217,260	217,260	228,342			194,186	-2.2%	**1.0%**	278,621			179,329	-0.8%	1.0%	339,305	**1.0%**
	NW 103rd St	N Okeechobee Rd						870553	189,000	209,000	239,000	193,000	241,000	234,000		238,680	238,680	250,855			284,286	3.6%	**2.5%**	306,091			441,429	2.5%	2.5%	401,272	**1.5%**
Pines Blvd	I-75	SW 160th Ave						860088	66,000	67,500	65,000	70,500	63,000	65,000		66,300	66,300	69,682			63,010	-1.0%	**1.0%**	85,025			55,581	-0.7%	1.0%	103,544	**1.0%**
	SW 160th Ave	SW 172th Ave						860087	44,500	38,500	43,500	44,500	46,000	48,000		48,960	48,960	51,457			54,124	2.0%	**2.0%**	62,788			77,552	1.9%	1.9%	80,425	**1.9%**
Okeechobee Rd	NW 154th St	Florida's Turnpike						870585	17,400	16,700	15,300	20,000	16,500	16,800		17,136	17,136	18,010			17,384	0.3%	**1.0%**	21,976			18,012	0.2%	1.0%	26,762	**1.0%**
	Florida's Turnpike	NW 138th St						872536	24,500	33,000	24,000	26,000	26,000	30,500		31,110	31,110	32,697			30,005	-0.7%	**1.0%**	39,896			36,290	0.6%	1.0%	48,586	**1.0%**
	NW 138th St	NW 107th Ave						872536	24,500	33,000	24,000	26,000	26,000	30,500		31,110	31,110	32,697			30,005	-0.7%	**1.0%**	39,896			36,290	0.6%	1.0%	48,586	**1.0%**
	NW 107th Ave	Hialeah Gardens Blvd						872536	24,500	33,000	24,000	26,000	26,000	30,500		31,110	31,110	32,697			30,005	-0.7%	**1.0%**	39,896			36,290	0.6%	1.0%	48,586	**1.0%**
	Hialeah Gardens Blvd	NW 103rd St						870109	36,000	43,500	44,000	42,500	44,000	44,500		45,390	45,390	47,705			52,738	3.0%	**3.0%**	58,210			77,024	2.1%	2.1%	78,366	**2.2%**
	NW 103rd St	SR 826						870109	36,000	43,500	44,000	42,500	44,000	44,500		45,390	45,390	47,705			52,738	3.0%	**3.0%**	58,210			77,024	2.1%	2.1%	78,366	**2.2%**
	SR 826	W 16th Ave (Milam Dairy Rd)						870528	63,000	55,500	57,500	58,000	56,500	61,000		62,220	62,220	65,394			57,005	-1.7%	**1.0%**	79,793			53,290	-0.6%	1.0%	97,172	**1.0%**
	W 16th Ave (Milam Dairy Rd)	Hialeah Expy						875252	58,000	57,000	59,500	52,000	57,000	68,000		69,360	69,360	72,898			68,905	-0.1%	**1.0%**	88,949			93,190	1.2%	1.2%	108,323	**1.2%**
	Hialeah Expy	NW 57th Ave (Red Road)						875252	58,000	57,000	59,500	52,000	57,000	68,000		69,360	69,360	72,898			68,905	-0.1%	**1.0%**	88,949			93,190	1.2%	1.2%	108,323	**1.2%**
	NW 57th Ave (Red Road)	Hialeah Dr						875252	58,000	57,000	59,500	52,000	57,000	68,000		69,360	69,360	72,898			68,905	-0.1%	**1.0%**	88,949			93,190	1.2%	1.2%	108,323	**1.2%**
	Hialeah Dr	SW 42nd Ave (Le Jeune Rd)						870200	46,500	44,000	50,000	61,000	55,000	61,000		62,220	62,220	65,394			81,210	5.5%	**5.0%**	79,793			147,781	3.5%	3.5%	117,999	**2.6%**
SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St						860494	22,000	29,500	27,500	28,000	32,500	30,000		30,600	30,600	32,161			40,271	5.6%	**5.0%**	39,242			68,557	3.3%	3.3%	58,033	**2.6%**
	Miami Gardens Dr/NW 186 St	NW 173rd Dr						877036	38,500	37,500	32,500	32,500	36,000	36,000		36,720	36,720	38,593			31,371	-3.1%	**1.0%**	47,091			21,657	-2.1%	1.0%	57,347	**1.0%**
SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821						865216	52,000	53,500	46,000	51,500	54,500	50,500		51,510	51,510	54,138			51,576	0.0%	**1.0%**	66,058			52,148	0.0%	1.0%	80,446	**1.0%**
	Florida's Turnpike/HEFT/SR 821	NW 202nd St						872515	39,500	39,500	41,000	42,000	43,000	43,000		43,860	43,860	46,097			48,376	2.0%	**2.0%**	56,247			64,948	1.6%	1.6%	71,884	**1.6%**
	NW 202nd St	Miami Gardens Dr/NW 186 St						872514	46,500	48,500	47,500	36,000	51,000	49,500		50,490	50,490	53,065			49,171	-0.5%	**1.0%**	64,750			55,457	0.4%	1.0%	78,853	**1.0%**
	Miami Gardens Dr/NW 186 St	NW 177th St						871190	53,500	58,000	57,000	58,000	54,500	52,000		53,040	53,040	55,746			51,371	-0.6%	**1.0%**	68,020			41,657	-1.0%	1.0%	82,835	**1.0%**

Note:

(1) Source MDC raw counts. For 2015 County Counts, count is based on the average of three successive three of counts.
(2) Source Broward County raw counts
(3) Source FDOT Counts. For 870574 and 870553, Histrorical AADT is from the Mainline station traffic counts and does not include nearby ramp volumes (for historical growth only)
(4) A conservative 2% growth was applied to any 2014 (e.g. FDOT count) to obtain an estimated 2015 daily count; the daily count is then used as a reference to estimate the % growth from 2015 to the future year of analysis
(5) Where the forecast annual growth from 2015 to 2020 exceeds 5.0%; 5.0% was assumed from 2015 to 2020 (except for freeways facilities which were limited to 2.5% and HEFT which has its own %s).
(6) Where the forecast annual growth from 2015 to 2040 exceeds 2.0%; 2.0% was assumed from 2020 to 2040 (except for freeways facilities which were limited to 1.5% between 2015 and 2040 and HEFT which has its own %s)
(7) No traffic count available; 8,000 AADT was assumed
~~xxx~~ indicate counts which seem unreasonable compared to other historical counts and therefore have not been used to determine historical growth

Summary: Growth projections are exclusively made from similar traffic counts (e.g. raw or AADT) and are separately used so that there is consistency

- Raw daily traffic counts
- AADT traffic counts
- AADT traffic count assumed
- Based on Florida's Turnpike review of historical growth betweeen 2000 and 2015, 2.4% applied south of SR 836 and 3.0% north of SR 836
- These facilities were limited to 5.0% annual growth between 2015 and 2020 and 2.0% between 2015 and 2040
- Expressway facilities were limited to 2.5% annual growth between 2015 and 2020 and 1.5% annual growth between 2015 and 2040
- NW 122nd St between NW 97th Ave to NW 89th Ave was limited to 1.0% annual growth between 2015 and 2020 and between 2015 and 2040
  This is due to the fact that the existing 4L counts already exceed the need for 6L capacity and therefore saturated conditions have been reached

Table I-14: Year 2020 and Year 2040 Roadway Segment Future Background AM and PM PHP Summary

Roadway	To	From	Count STA No.	EXISTING 2015 PHP (1)				2020 CONCURRENCY BACKGROUND TRIPS																2020 CDMP & ZONING BACKGROUND					2040 CDMP BACKGROUND (6)					2040 ZONING BACKGROUND				
				AM PHP		PM PHP			FDOT VESTED DATABASE TRIPS					MDC VESTED DATABASE TRIPS					OTHER VESTED MISC. TRAFFIC STUDY TRIPS				Total Trips																
										Estimated AM/PM Directional DOS Trips (3)					Estimated AM/PM Directional DOS Trips (3)					Estimated AM/PM Directional DOS Trips (4)				2015 PHPs Plus Vested Tripss				2015-2020	AM PHP		PM PHP		2015-2040	AM PHP		PM PHP		2015-2040	AM PHP		PM PHP	
				NB/EB	SB/WB	NB/EB	SB/WB	Agency	2-Way DOS Trips (2)	AM DOS NB/EB	AM DOS SB/WB	PM DOS NB/EB	PM DOS SB/WB	2-Way DOS Trips (2)	AM DOS NB/EB	AM DOS SB/WB	PM DOS NB/EB	PM DOS SB/WB	AM NB/EB	AM DOS SB/WB	PM DOS NB/EB	PM DOS SB/WB	AM NB/EB	AM SB/WB	PM NB/EB	PM SB/WB	% Growth (5)	NB/EB	SB/WB	NB/EB	SB/WB	% Growth (5)	NB/EB	SB/WB	NB/EB	SB/WB	% Growth (5)	NB/EB	SB/WB	NB/EB	SB/WB
Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	972250	9,097	4,400	5,291	7,854	FDOT	0	0	0	0	0	n/a	0	0	0	0	0	0	0	0	9,097	4,400	5,291	7,854	2.4%	10,242	4,954	5,957	8,843	2.4%	16,459	7,961	9,573	14,210	2.4%	16,459	7,961	9,573	14,210
	SR 836	NW 12th Street	972526	5,216	3,113	3,589	4,728	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	5,216	3,113	3,589	4,728	3.0%	6,046	3,609	4,161	5,481	3.0%	10,920	6,518	7,515	9,899	3.0%	10,920	6,518	7,515	9,899
	NW 12th Street	NW 41th Street	972230	6,537	5,027	5,297	7,497	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	6,537	5,027	5,297	7,497	3.0%	7,579	5,828	6,140	8,692	3.0%	13,688	10,525	11,090	15,698	3.0%	13,688	10,525	11,090	15,698
	NW 41th Street	NW 74th Street	972269	6,274	6,807	6,529	7,178	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	6,274	6,807	6,529	7,178	3.0%	7,273	7,891	7,568	8,321	3.0%	13,135	14,252	13,670	15,029	3.0%	13,135	14,252	13,670	15,029
	NW 74th Street	NW 106th Street	972268	5,192	6,585	6,527	5,749	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	5,192	6,585	6,527	5,749	3.0%	6,019	7,634	7,567	6,665	3.0%	10,870	13,789	13,667	12,038	3.0%	10,870	13,789	13,667	12,038
	NW 106th Street	US 27/ Okeechobee Rd	972272	4,418	7,130	7,341	4,839	FDOT	104	40	64	63	41	n/a	0	0	0	0	1	2	2	1	4,460	7,196	7,405	4,882	3.0%	5,122	8,266	8,510	5,610	3.0%	9,251	14,929	15,370	10,132	3.0%	9,251	14,929	15,370	10,132
	US 27/ Okeechobee Rd	NW 170th St	972248	3,746	6,286	6,264	4,162	FDOT	0	0	0	0	0	n/a	0	0	0	0	41	63	63	41	3,787	6,348	6,327	4,203	3.0%	4,342	7,287	7,262	4,825	3.0%	7,843	13,161	13,116	8,714	3.0%	7,843	13,161	13,116	8,714
	NW 170th St	Interstate 75	972248	4,049	6,795	6,771	4,499	FDOT	0	0	0	0	0	n/a	0	0	0	0	42	63	63	42	4,091	6,857	6,834	4,540	3.0%	4,694	7,877	7,850	5,215	3.0%	8,478	14,226	14,178	9,420	3.0%	8,478	14,226	14,178	9,420
	Interstate 75	CR 823/Red Rd	972285	2,304	3,490	3,661	2,680	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	2,304	3,490	3,661	2,680	3.0%	2,671	4,046	4,244	3,107	3.0%	4,823	7,307	7,665	5,611	3.0%	4,823	7,307	7,665	5,611
	CR 823/Red Rd	CR 817/NW 27th Ave	971996	3,969	4,004	4,106	3,992	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	3,969	4,004	4,106	3,992	3.0%	4,602	4,641	4,760	4,628	3.0%	8,311	8,383	8,598	8,359	3.0%	8,311	8,383	8,598	8,359
	CR 817/NW 27th Ave	Florida's Turnpike/SR 91	971998	3,931	3,965	4,067	3,954	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	3,931	3,965	4,067	3,954	3.0%	4,557	4,597	4,714	4,583	3.0%	8,231	8,302	8,515	8,278	3.0%	8,231	8,302	8,515	8,278
Florida's Turnpike/ SR 91	I-595	Griffin Rd	971904	7,150	5,888	6,647	6,157	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	7,150	5,888	6,647	6,157	1.0%	7,514	6,188	6,986	6,471	1.0%	9,169	7,551	8,525	7,895	1.0%	9,169	7,551	8,525	7,895
	Griffin Rd	Pines Blvd	971902	7,028	6,684	6,412	7,016	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	7,028	6,684	6,412	7,016	1.0%	7,387	7,025	6,739	7,374	1.0%	9,013	8,572	8,223	8,998	1.0%	9,013	8,572	8,223	8,998
	Pines Blvd	Florida's Turnpike/HEFT/SR 821	971900	6,573	6,361	6,648	6,586	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	6,573	6,361	6,648	6,586	1.0%	6,908	6,686	6,987	6,921	1.0%	8,430	8,158	8,525	8,445	1.0%	8,430	8,158	8,525	8,445
	Florida's Turnpike/HEFT/SR 821	NW 203rd St	970502	3,846	4,344	5,103	4,344	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	3,846	4,344	5,103	4,344	2.4%	4,335	4,897	5,752	4,897	1.5%	5,580	6,303	7,403	6,303	1.5%	5,580	6,303	7,403	6,303
Interstate 75	I-595	Royal Palm Blvd	862005	6,506	6,234	6,877	6,547	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	6,506	6,234	6,877	6,547	2.5%	7,361	7,053	7,781	7,407	1.5%	9,440	9,045	9,979	9,499	1.5%	9,440	9,045	9,979	9,499
	Royal Palm Blvd	Griffin Rd	862004	6,730	2,825	6,065	5,434	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	6,730	2,825	6,065	5,434	2.5%	7,615	3,196	6,862	6,148	1.5%	9,765	4,099	8,799	7,884	1.5%	9,765	4,099	8,799	7,884
	Griffin Rd	Sheridan St	862003	5,368	6,133	4,426	4,019	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	5,368	6,133	4,426	4,019	2.5%	6,073	6,939	5,008	4,547	1.5%	7,788	8,899	6,422	5,831	1.5%	7,788	8,899	6,422	5,831
	Sheridan St	Pines Blvd	862002	5,414	7,866	6,707	6,193	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	5,414	7,866	6,707	6,193	1.0%	5,690	8,267	7,050	6,509	1.0%	6,943	10,088	8,602	7,942	1.0%	6,943	10,088	8,602	7,942
	Pines Blvd	Miramar Pkwy/ S 33rd St	862001	5,930	6,606	7,490	5,092	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	5,930	6,606	7,490	5,092	1.0%	6,232	6,943	7,872	5,352	1.0%	7,605	8,471	9,605	6,530	1.0%	7,605	8,471	9,605	6,530
	Miramar Pkwy/ S 33rd St	Florida's Turnpike	860362	5,664	8,245	6,864	5,291	n/a	n/a	0	0	0	0	n/a	0	0	0	0	63	82	82	63	5,728	8,327	6,946	5,355	1.7%	6,153	8,957	7,457	5,748	1.5%	8,218	11,963	9,959	7,677	1.5%	8,218	11,963	9,959	7,677
	Florida's Turnpike	Miami Gardens Dr/NW 186 St	872503	4,754	7,279	6,639	4,473	FDOT	0	0	0	0	0	n/a	0	0	0	0	145	200	200	145	4,899	7,478	6,839	4,618	1.0%	4,996	7,650	6,978	4,701	1.0%	6,096	9,335	8,514	5,736	1.0%	6,096	9,335	8,514	5,736
	Miami Gardens Dr/NW 186 St	NW 178th St	872501	2,993	6,215	6,359	3,582	FDOT	256	83	173	164	92	n/a	0	0	0	0	96	170	170	96	3,172	6,558	6,693	3,770	1.3%	3,189	6,622	6,775	3,817	1.4%	4,268	8,863	9,069	5,108	1.4%	4,268	8,863	9,069	5,108
	NW 178th St	NW 138th Street	872501	2,993	6,215	6,359	3,582	FDOT	256	83	173	164	92	n/a	0	0	0	0	134	238	238	134	3,210	6,626	6,761	3,808	1.3%	3,189	6,622	6,775	3,817	1.4%	4,268	8,863	9,069	5,108	1.4%	4,268	8,863	9,069	5,108
	NW 138th Street	SR 826	872500	6,377	3,570	3,672	6,395	FDOT	0	0	0	0	0	n/a	0	0	0	0	270	413	413	270	6,647	3,983	4,085	6,665	1.0%	6,702	3,752	3,859	6,721	1.0%	8,178	4,578	4,709	8,201	1.0%	8,178	4,578	4,709	8,201
SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	872511	2,648	1,543	1,367	2,840	n/a	n/a	0	0	0	0	n/a	0	0	0	0	145	83	83	145	2,793	1,626	1,450	2,985	1.0%	2,783	1,622	1,437	2,985	1.0%	3,396	1,979	1,753	3,643	1.0%	3,396	1,979	1,753	3,643
	NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	872512	1,939	1,385	2,179	2,702	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	1,939	1,385	2,179	2,702	2.4%	2,182	1,559	2,452	3,041	1.5%	2,813	2,010	3,161	3,920	1.5%	2,813	2,010	3,161	3,920
	Douglas(Le Jeune Connector)	NW 32nd Ave	872510	2,111	1,203	1,502	1,946	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	2,111	1,203	1,502	1,946	1.0%	2,218	1,264	1,578	2,045	1.0%	2,707	1,543	1,926	2,496	1.0%	2,707	1,543	1,926	2,496
NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	(7)	400	334	334	400	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	400	334	334	400	1.0%	421	351	351	421	1.0%	513	429	429	513	1.0%	513	429	429	513
	NW 138th St	NW 170th St	n/a					n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	100	100	0	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a		166	139	139	166		n/a	n/a	n/a	n/a
NW 102nd Ave	NW 170th St	NW 178th St	n/a					n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a		211	176	176	211		n/a	n/a	n/a	n/a
	NW 178th St	ADM Project Access Rd	n/a					n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a		234	195	195	234		302	252	252	302		192	160	160	192
Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	n/a					n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a		234	195	195	234		302	252	252	302		192	160	160	192
	Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	n/a					n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a		1,181	986	986	1,181		1,211	1,011	1,011	1,211		1,067	891	891	1,067
	Interstate 75 Eastern Ramps	NW 87th Ave	872518	764	2,549	2,427	1,058	FDOT	10	2	8	7	3	n/a	0	0	0	0	153	351	351	153	919	2,908	2,785	1,214	1.0%	803	2,679	2,551	1,112	1.0%	980	3,268	3,113	1,357	1.0%	980	3,268	3,113	1,357
	NW 87th Ave	NW 82nd Ave	872518	764	2,549	2,427	1,058	FDOT	10	2	8	7	3	n/a	0	0	0	0	60	138	138	60	826	2,694	2,572	1,121	1.0%	803	2,679	2,551	1,112	1.0%	980	3,268	3,113	1,357	1.0%	980	3,268	3,113	1,357
	NW 82nd Ave	NW 77nd Ave	872517	1,380	918	1,380	1,641	FDOT	21	13	8	10	11	n/a	0	0	0	0	57	48	48	57	1,450	974	1,438	1,709	1.0%	1,450	965	1,450	1,724	1.0%	1,770	1,177	1,770	2,104	1.0%	1,770	1,177	1,770	2,104
	NW 77nd Ave	NW 67nd Ave	872517	1,380	918	1,380	1,641	FDOT	21	13	8	10	11	n/a	0	0	0	0	57	48	48	57	1,450	974	1,438	1,709	1.0%	1,450	965	1,450	1,724	1.0%	1,770	1,177	1,770	2,104	1.0%	1,770	1,177	1,770	2,104
	NW 67nd Ave	NW 57nd Ave	872516	1,088	784	1,220	1,429	FDOT	10	6	4	5	5	n/a	0	0	0	0	125	105	105	125	1,218	893	1,330	1,558	1.0%	1,143	824	1,282	1,502	1.0%	1,395	1,005	1,564	1,832	1.0%	1,395	1,005	1,564	1,832
	NW 57th Ave	NW 47th Ave	871233	749	621	804	906	FDOT	14	8	6	7	7	n/a	0	0	0	0	0	0	0	0	757	627	811	913	1.0%	788	653	845	952	1.0%	961	797	1,032	1,162	1.0%	961	797	1,032	1,162
NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	n.a					n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a		676	810	810	676		733	878	878	733		812	973	973	812
	NW 102 Ave/NW 107 Ave	NW 97th Ave	n./a					n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a		444	532	532	444		383	459	459	383		395	473	473	395
	NW 87th Ave	NW 82nd Ave	878177	739	741	444	361	n/a	n/a	0	0	0	0	n/a	0	0	0	0	12	15	15	12	751	756	459	373	1.0%	776	779	466	379	1.0%	947	950	569	463	1.0%	947	950	569	463
	NW 82nd Ave	NW 78th Ave	9552	739	741	444	361	MDC	n/a	0	0	0	0	0	0	0	0	0	0	0	0	0	739	741	444	361	1.0%	776	779	466	379	1.0%	947	950	569	463	1.0%	947	950	569	463
NW 169th St	NW 77th Ct	NW 67th Ave	9550	654	330	328	370	MDC	n/a	0	0	0	0	2	1	1	1	1	0	0	0	0	655	331	329	371	2.6%	744	375	374	421	2.1%	1,106	558	555	625	2.1%	1,106	558	555	625
NW 154th St	NW 87th Ave	NW 82nd Ave	877037	1,268	1,035	985	963	MDC	n/a	0	0	0	0	0	0	0	0	0	65	67	67	65	1,333	1,102	1,052	1,028	1.0%	1,333	1,088	1,035	1,012	1.0%	1,626	1,327	1,263	1,235	1.0%	1,626	1,327	1,263	1,235
	NW 82nd Ave	SR 826	877037	733	696	1,000	1,194	n/a	n/a	0	0	0	0	n/a	0	0	0	0	42	35	35	42	775	732	1,035	1,237	1.0%	770	732	1,051	1,255	1.0%	940	893	1,282	1,532	1.0%	940	893	1,282	1,532
	SR 826	NW 67th Ave	878673	822	575	652	660	MDC	n/a	0	0	0	0	3	2	1	1	2	0	0	0	0	824	576	653	662	1.0%	864	604	685	694	1.0%	1,054	737	836	846	1.0%	1,054	737	836	846
	NW 67th Ave	NW 57th Ave (Red Road)	9256	760	552	700	581	MDC	n/a	0	0	0	0	158	92	66	86	72	0	0	0	0	852	618	786	653	5.0%	970	705	894	742	2.6%	1,442	1,047	1,328	1,102	2.6%	1,442	1,047	1,328	1,102
NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	878684	562	769	833	704	n/a	n/a	0	0	0	0	n/a	0	0	0	0	275	331	331	275	836	1,100	1,164	979	1.0%	590	808	875	740	1.0%	720	986	1,068	903	1.0%	720	986	1,068	903
	NW 107th Ave	NW 97th Ave	877048	641	1,047	937	756	n/a	n/a	0	0	0	0	n/a	0	0	0	0	277	328	328	277	918	1,376	1,265	1,034	1.9%	705	1,152	1,031	832	2.0%	1,048	1,711	1,532	1,236	2.0%	1,048	1,711	1,532	1,236
	NW 97th Ave	Hialeah Gardens Blvd	877048	641	1,047	937	756	n/a	n/a	0	0	0	0	n/a	0	0	0	0	270	335	335	270	912	1,382	1,272	1,027	1.9%	705	1,152	1,031	832	2.0%	1,048	1,711	1,532	1,236	2.0%	1,048	1,711	1,532	1,236
Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	877065	721	968	1,218	930	n/a	n/a	0	0	0	0	n/a	0	0	0	0	221	279	279	221	942	1,247	1,497	1,151	5.0%	920	1,235	1,554	1,187	2.6%	1,368	1,836	2,309	1,764	2.6%	1,368	1,836	2,309	1,764
	US 27/ Okeechobee Rd	NW 138th St	878620	715	961	1,039	898	n/a	n/a	0	0	0	0	n/a	0	0	0	0	222	279	279	222	937	1,239	1,318	1,120	1.0%	752	1,010	1,092	944	1.0%	917	1,232	1,333	1,151	1.0%	917	1,232	1,333	1,151
NW 97th Ave	NW 122nd St	NW 130th St	878243	341	208	365	313	n/a	n/a	0	0	0	0	n/a	0	0	0	0	116	134	134	116	456	342	499	429	3.3%	402	245	430	369	2.3%	597	364	639	548	2.3%	597	364	639	548
	NW 130th St	NW 138th St	878243	341	208	365	313	n/a	n/a	0	0	0	0	n/a	0	0	0	0	115	134	134	115	456	342	499	428	3.3%	402	245	430	369	2.3%	597	364	639	548	2.3%	597	364	639	548
	NW 138th St	NW 154th St	878243	341	208	365	313	n/a	n/a	0	0	0	0	n/a	0	0	0	0	213	292	292	213	554	500	657	526	3.3%	402	245	430	369	2.3%	597	364	639	548	2.3%	597	364	639	548
	NW 154th St	NW 170th St	878243	341	208	365	313	n/a	n/a	0	0	0	0	n/a	0	0	0	0	115	134	134	115	456	342	499	428	3.3%	402	245	430	369	2.3%	597	364	639	548	2.3%	597	364	639	548
	NW 170th St	Graham Access	n/a					n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a		629	525	525	629		228	191	191	228		397	332	332	397
	Graham Access	NW 178th St	n/a					n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a		612	511	511	612		93	78	78	93		265	221	221	265
NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	878176	1,310	1,031	1,447	1,737	n/a	n/a	0	0	0	0	n/a	0	0	0	0	282	235	235	282	1,592	1,266	1,682	2,019	1.0%	1,377	1,083	1,521	1,826	1.0%	1,680	1,322	1,856	2,228	1.0%	1,680	1,322	1,856	2,228
	NW 170th St	NW 154th St	878112	585	290	189	302	n/a	n/a	0	0	0	0	n/a	0	0	0	0	73	46	46	73	658	336	236	376	1.0%	614	305	199	318	1.0%	750	372	243	388	1.0%	750	372	243	388
NW178th St	Graham Access	NW 97th Ave	n/a					n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a		430	359	359	430		75	63	63	75		284	237	237	284
	NW 97th Ave	Iinterstate 75	n/a					n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a		297	248	248	297		300	251	251	300		206	172	172	206
Miramar Pkwy	SW 172nd Ave	SW 160th Ave	869688	1,555	1,088	1,344	1,865	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	1,555	1,088	1,344	1,865	2.3%	1,739	1,217	1,503	2,086	1.5%	2,256	1,579	1,950	2,706	1.5%	2,256	1,579	1,950	2,706
	SW 160th Ave	Interstate 75	n/a	2,691	1,862	2,786	3,257	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	2,691	1,862	2,786	3,257	1.0%	2,828	1,957	2,928	3,423	1.0%	3,451	2,388	3,573	4,177	1.0%	3,451	2,388	3,573	4,177
	Interstate 75	SW 148th Ave	n/a	2,161	1,791	2,282	1,862	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	2,161	1,791	2,282	1,862	1.0%	2,272	1,882	2,399	1,957	1.0%	2,772	2,296	2,927	2,388	1.0%	2,772	2,296	2,927	2,388
	SW 148th Ave	Flamingo Rd	867326	1,924	1,766	1,833	2,018	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	1,924	1,766	1,833	2,018	2.6%	2,186	2,006	2,082	2,293	1.5%	2,791	2,562	2,659	2,928	1.5%	2,791	2,562	2,659	2,928
NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	877076	917	876	1,023	935	FDOT	0	0	0	0	0	n/a	0	0	0	0	131	119	119	131	1,048	995	1,141	1,066	1.0%	964	921	1,075	983	1.0%	1,176	1,124	1,312	1,199	1.0%	1,176	1,124	1,312	1,199
	Hialeah Gardens Blvd	NW 89th Ave	877076	917	876	1,023	935	FDOT	0	0	0	0	0	n/a	0	0	0	0	119	130	130	119	1,036	1,007	1,153	1,054	1.0%	964	921	1,075	983	1.0%	1,176	1,124	1,312	1,199	1.0%	1,176	1,124	1,312	1,199
	NW 89th Ave	NW 87th Ave	878193	918	769	836	787	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	918	769	836	787	1.0%	966	810	880	828	1.0%	1,180	989	1,076	1,012	1.0%	1,180	989	1,076	1,012
	NW 87th Ave	SR 826	877041	467	723	490	665	FDOT	0	0	0	0	0	n/a	0	0	0	0	121	128	128	121	588	851	618	786	1.0%	491	759	515	699	1.0%	599	927	628	853	1.0%	599	927	628	853
	N Okeechobee Rd	NW 97th Ave	877076	917	876	1,023	935	FDOT	0	0	0	0	0	n/a	0	0	0	0	144	106	106	144	1

Table I-14: Year 2020 and Year 2040 Roadway Segment Future Background AM and PM PHP Summary

Roadway	To	From	Count STA No.	EXISTING 2015 PHP (1)				2020 CONCURRENCY BACKGROUND TRIPS																	2020 CDMP & ZONING BACKGROUND					2040 CDMP BACKGROUND (6)					2040 ZONING BACKGROUND				
				AM PHP		PM PHP			FDOT VESTED DATABASE TRIPS					MDC VESTED DATABASE TRIPS					OTHER VESTED MISC. TRAFFIC STUDY TRIPS					Total Trips					AM PHP		PM PHP			AM PHP		PM PHP			AM PHP		PM PHP	
				NB/EB	SB/WB	NB/EB	SB/WB	Agency	2-Way DOS Trips (2)	Estimated AM/PM Directional DOS Trips (3) AM DOS NB/EB	AM DOS SB/WB	PM DOS NB/EB	PM DOS SB/WB	2-Way DOS Trips (2)	Estimated AM/PM Directional DOS Trips (3) AM DOS NB/EB	AM DOS SB/WB	PM DOS NB/EB	PM DOS SB/WB	Estimated AM/PM Directional DOS Trips (4) AM NB/EB	AM DOS SB/WB	PM DOS NB/EB	PM DOS SB/WB	2015 PHPs Plus Vested Tripss AM NB/EB	AM SB/WB	PM NB/EB	PM SB/WB	2015-2020 % Growth (5)	NB/EB	SB/WB	NB/EB	SB/WB	2015-2040 % Growth (5)	NB/EB	SB/WB	NB/EB	SB/WB	2015-2040 % Growth (5)	NB/EB	SB/WB	NB/EB	SB/WB
SR 826	I-75	NW 122nd St	870575	6,491	5,337	6,840	6,795	FDOT	15	8	7	8	7	n/a	0	0	0	0	119	130	130	119	6,618	5,474	6,979	6,921	**2.5%**	7,343	6,038	7,739	7,688	**1.5%**	9,417	7,743	9,925	9,859	**1.5%**	9,417	7,743	9,925	9,859
	NW 122nd St	NW 103rd St	870574	7,404	9,052	8,742	8,894	FDOT	0	0	0	0	0	n/a	0	0	0	0	124	125	125	124	7,528	9,177	8,867	9,019	**1.0%**	7,782	9,513	9,188	9,348	**1.0%**	9,495	11,608	11,211	11,406	**1.0%**	9,495	11,608	11,211	11,406
	NW 103rd St	N Okeechobee Rd	870553	8,204	9,898	11,527	7,595	FDOT	0	0	0	0	0	n/a	0	0	0	0	0	0	0	0	8,204	9,898	11,527	7,595	**2.5%**	9,282	11,199	13,041	8,593	**1.5%**	11,903	14,362	16,725	11,020	**1.5%**	11,903	14,362	16,725	11,020
Pines Blvd	I-75	SW 160th Ave	860088	3,014	1,777	2,207	2,481	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	3,014	1,777	2,207	2,481	**1.0%**	3,168	1,868	2,320	2,608	**1.0%**	3,865	2,279	2,830	3,182	**1.0%**	3,865	2,279	2,830	3,182
	SW 160th Ave	SW 172th Ave	860087	1,888	1,486	1,565	1,761	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	1,888	1,486	1,565	1,761	**2.0%**	2,088	1,643	1,730	1,946	**1.9%**	2,991	2,354	2,479	2,789	**1.9%**	2,991	2,354	2,479	2,789
Okeechobee Rd	NW 154th St	Florida's Turnpike	870585	280	1,416	1,053	380	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	280	1,416	1,053	380	**1.0%**	294	1,488	1,107	399	**1.0%**	359	1,816	1,350	487	**1.0%**	359	1,816	1,350	487
	Florida's Turnpike	NW 138th St	872536	1,247	962	884	1,423	n/a	n/a	0	0	0	0	n/a	0	0	0	0	37	102	102	37	1,284	1,064	986	1,460	**1.0%**	1,311	1,011	930	1,495	**1.0%**	1,599	1,234	1,134	1,825	**1.0%**	1,599	1,234	1,134	1,825
	NW 138th St	NW 107th Ave	872536	1,247	962	884	1,423	n/a	n/a	0	0	0	0	n/a	0	0	0	0	86	53	53	86	1,333	1,015	938	1,508	**1.0%**	1,311	1,011	930	1,495	**1.0%**	1,599	1,234	1,134	1,825	**1.0%**	1,599	1,234	1,134	1,825
	NW 107th Ave	Hialeah Gardens Blvd	872536	1,247	962	884	1,423	n/a	n/a	0	0	0	0	n/a	0	0	0	0	86	53	53	86	1,333	1,015	938	1,508	**1.0%**	1,311	1,011	930	1,495	**1.0%**	1,599	1,234	1,134	1,825	**1.0%**	1,599	1,234	1,134	1,825
	Hialeah Gardens Blvd	NW 103rd St	870109	1,387	1,455	1,577	1,533	FDOT	480	234	246	243	237	n/a	0	0	0	0	339	234	234	339	1,960	1,934	2,053	2,109	**3.0%**	1,612	1,690	1,832	1,781	**2.2%**	2,395	2,512	2,722	2,647	**2.2%**	2,395	2,512	2,722	2,647
	NW 103rd St	SR 826	870109	1,387	1,455	1,577	1,533	FDOT	480	234	246	243	237	n/a	0	0	0	0	225	232	232	225	1,847	1,932	2,051	1,996	**3.0%**	1,612	1,690	1,832	1,781	**2.2%**	2,395	2,512	2,722	2,647	**2.2%**	2,395	2,512	2,722	2,647
	SR 826	W 16th Ave (Milam Dairy Rd)	870528	2,141	1,618	2,126	1,979	FDOT	0	0	0	0	0	n/a	0	0	0	0	0	0	0	0	2,141	1,618	2,126	1,979	**1.0%**	2,250	1,701	2,235	2,080	**1.0%**	2,746	2,075	2,727	2,538	**1.0%**	2,746	2,075	2,727	2,538
	W 16th Ave (Milam Dairy Rd)	Hialeah Expy	875252	2,062	1,764	2,174	2,250	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	2,062	1,764	2,174	2,250	**1.0%**	2,167	1,854	2,285	2,364	**1.2%**	2,770	2,370	2,921	3,022	**1.2%**	2,770	2,370	2,921	3,022
	Hialeah Expy	NW 57th Ave (Red Road)	875252	2,062	1,764	2,174	2,250	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	2,062	1,764	2,174	2,250	**1.0%**	2,167	1,854	2,285	2,364	**1.2%**	2,770	2,370	2,921	3,022	**1.2%**	2,770	2,370	2,921	3,022
	NW 57th Ave (Red Road)	Hialeah Dr	875252	2,062	1,764	2,174	2,250	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	2,062	1,764	2,174	2,250	**1.0%**	2,167	1,854	2,285	2,364	**1.2%**	2,770	2,370	2,921	3,022	**1.2%**	2,770	2,370	2,921	3,022
	Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	870200	1,835	2,632	2,650	2,279	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	1,835	2,632	2,650	2,279	**5.0%**	2,342	3,359	3,382	2,908	**2.6%**	3,480	4,992	5,025	4,321	**2.6%**	3,480	4,992	5,025	4,321
SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	860494	1,432	1,180	1,035	1,257	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	1,432	1,180	1,035	1,257	**5.0%**	1,828	1,507	1,321	1,605	**2.6%**	2,716	2,239	1,964	2,385	**2.6%**	2,716	2,239	1,964	2,385
	Miami Gardens Dr/NW 186 St	NW 173rd Dr	877036	1,247	1,195	1,386	1,560	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	1,247	1,195	1,386	1,560	**1.0%**	1,311	1,256	1,457	1,639	**1.0%**	1,599	1,533	1,778	2,000	**1.0%**	1,599	1,533	1,778	2,000
SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	865216	1,562	1,407	1,806	1,677	n/a	n/a	0	0	0	0	n/a	0	0	0	0	0	0	0	0	1,562	1,407	1,806	1,677	**1.0%**	1,642	1,479	1,898	1,762	**1.0%**	2,003	1,805	2,316	2,150	**1.0%**	2,003	1,805	2,316	2,150
	Florida's Turnpike/HEFT/SR 821	NW 202nd St	872515	1,737	1,946	1,626	1,758	FDOT	0	0	0	0	0	n/a	0	0	0	0	0	0	0	0	1,737	1,946	1,626	1,758	**2.0%**	1,916	2,146	1,794	1,939	**1.6%**	2,573	2,881	2,408	2,603	**1.6%**	2,573	2,881	2,408	2,603
	NW 202nd St	Miami Gardens Dr/NW 186 St	872514	1,380	2,253	2,033	1,470	FDOT	0	0	0	0	0	n/a	0	0	0	0	0	0	0	0	1,380	2,253	2,033	1,470	**1.0%**	1,451	2,368	2,136	1,545	**1.0%**	1,770	2,890	2,607	1,885	**1.0%**	1,770	2,890	2,607	1,885
	Miami Gardens Dr/NW 186 St	NW 177th St	871190	1,374	1,937	2,080	1,254	FDOT	0	0	0	0	0	n/a	0	0	0	0	0	0	0	0	1,374	1,937	2,080	1,254	**1.0%**	1,444	2,036	2,186	1,318	**1.0%**	1,761	2,484	2,667	1,609	**1.0%**	1,761	2,484	2,667	1,609

Note:

(1) Based on "Existing 2015 PHP AM and PM Volume Worksheet"

(2) September 2016 Databases provided by MDC Regulatory and Economic Resources (RER) Deparment for respectively FDOT and County count stations; not all locations are included in the databases and not all have vested trips

(3) The RER DOS (or vested trips) are provided in terms of two-way trips; directional splits were based on the existing 2015 PHP directional distributions

(4) Source misc. traffic studies provided by local agencies for use in determined overall vested trips (reference Appendix I-S)

(5) For new facilities, the model forecast future year background volumes are shown instead of %growth; K and D factors of 0.09 and 54.5% respectively are applied, based on similar existing count stations (ex. STA 877037), to obtain PHP directional volumes

(6) The 2040 Zoning background volumes are the same as the CDMP volumes since both are based on % growth; the only expections are for the new facilities which are based on the model forecasts from the two different model runs (e.g. CDMP 2040 LU on 2040 Network, Zoning 2040 LU on 2020 Network)

(7) No traffic count available; 8,000 AADT was assumed with K and D factors

FDOT Count Station information from MDC Vested Database

MDC Count Station information from MDC Vested Database

Background LOS on study area roadways was determined for the AM and PM peak hours by comparing future background traffic volumes to the associated LOS volume standards and maximum service volume (MSV) for each facility (as referenced in **Appendix I-E**). At the request of Miami-Dade County and other agencies, this analysis was performed for each direction of travel throughout the study area. Where a volume exceeds the adopted MSV for a facility, a background LOS deficiency may exist and is identified in the analysis.

8.5 Background Roadway Link Directional LOS

Similar to the existing roadway link LOS analyses, an inventory of existing roadway characteristics combined with future year roadway number of lanes identified for respectively years 2020 and 2040 was performed in order to identify MSVs on study area roadways (see **Appendix I-E-3** for further detail on the future year service volume development). Again, the latest generalized FDOT LOS tables from the *Quality/Level of Service Handbook* were referenced along with the Miami-Dade Comprehensive Plan Transportation Element level of service criteria, as previously described.

In Chapters II, III, and IV of this report, the background level of service analysis for Year 2020 and Year 2040 study area roadway segments are included for each the Year 2020 Concurrency, the Year 2020 CDMP, the Year 2020 Zoning, the Year 2040 CDMP, and the Year 2040 Zoning. The background represents the traffic forecasts prior to adding either the ADM or Graham Projects, depending on the Scenario being reviewed.

The following year 2020 background, without Projects, deficiencies are reflected, with all occurring during the AM or PM peak or both:

- HEFT from SW 8th St to SR 836 - AM Only (already widened by 2020)
- Florida's Turnpike from I-595 to Griffin Rd - AM Only
- Florida's Turnpike from Griffin Rd to Pines Blvd (already widened by 2020)
- Miami Gardens Dr from I-75 Eastern Ramps to NW 82nd Ave (also existing deficiency)
- NW 170th St from NW 87th Ave to NW 78th Ave - AM Only (also existing deficiency)
- Miramar Pkwy from SW 160th Ave to I-75 (also existing deficiency)
- NW 122th St from N Okeechobee Rd to NW 97th Ave (also existing deficiency)
- SR 826 from I-75 to NW 103rd St - AM Only (already widened by 2020)
- SR 826 from NW 103rd St to N Okeechobee Rd (already widened by 2020)
- Pines Blvd from I-75 to SW 160th Ave - AM Only

Background deficiencies noted by the Year 2040 with Year 2040 network, without Projects, are:

- HEFT from 8th St to Florida's Turnpike/SR 91 (already widened by 2020)
- Florida's Turnpike/SR 91 from I-595 to NW 203rd St (also existing deficiency)
- I-75 from Griffin Rd to NW 203rd St - AM Only
- Miami Gardens Dr from I-75 Eastern Ramps to NW 87th Ave (also existing deficiency)
- NW 170th St from NW 87th Ave to NW 78th Ave - AM Only (also existing deficiency)
- NW 87th Ave from Miami Gardens Dr/NW 186th St to NW 170th St - PM Only
- Miramar Pkwy from SW 160th Ave to I-75 (also existing deficiency)
- NW 122th St from N Okeechobee Rd to NW 97th Ave (also existing deficiency)
- SR 826 from I-75 to N Okeechobee Rd (already widened by 2020)
- Pines Blvd from I-75 to SW 160th Ave

8.6 Background Intersection TMVs

The **Table I-15** intersection growth rates were applied directly to the existing seasonally adjusted TMCs and Year 2020 and Year 2040 AM and PM background turning movement volumes (TMVs) were prepared. The background, without projects, intersection TMVs are included in **Appendix I-K**.

8.6 Background Intersection LOS

Once again, the background TMVs were analyzed using the Synchro software. **Table I-16** shows the resulting LOS operational findings for the Year 2020 and Year 2040 Zoning AM and PM analyses and include the results of the implementing lane configuration mitigations (see **Appendix IV-D** and **Appendix IV-E** for descriptions on the mitigation needs and responsibilities). The background LOS Synchro analyses printouts are provided in **Appendix I-P**.

As noted, the following summarizes the existing intersection which are forecast to operate at below acceptable LOS conditions for either the AM, the PM or both peak periods should no mitigations be addressed:

- 8 of the 11 Miami Garden Drive Intersections analyzed
- 6 of the 6 Hialeah Barden Blvd Intersections analyzed
- NW 97th\W 36th Ave and NW 138th/W 87th St
- Both intersections at Florida's Turnpike Ramps and N Okeechobee Rd
- Florida's Turnpike Ramps (W) and SR 823/Red Rd
- NW 138th and N Okeechobee Rd
- NW 87th Ave and NW 170th St
- Hialeah Gardens Blvd and W 80th St (Year 2040 Only)

That equates to 19 of the 29 intersections within the study area functioning at deficient levels during either or both of the peak periods of the day by year 2020 and 20 by the year 2040. Essentially, this is the same number of intersections as the existing deficiencies. The only difference is that there is one more intersection and that all intersections are experiencing higher levels of delay and therefore congestion.

Table I - 15: Annual Growth Rates - Intersections

Intersection Descriptions				2015-2020 %Growth			2015-2040 % Growth		
Area	Intersection ID	North/South	East/West	North/ South	East/ West	Referrenced Intersection % Growth	North/ South	East/ West	Referrenced Intersection % Growth
Miami Gardens Dr Area	1	NW 87th Ave	NW 186th St / Miami Gardens Dr	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
	2	NW 82th Ave	NW 186th St / Miami Gardens Dr	n/a	1.0%		n/a	1.0%	
	3	NW 79th Ave	NW 186th St / Miami Gardens Dr	n/a	1.0%		n/a	1.0%	
	4	W Oakmont Dr	NW 186th St / Miami Gardens Dr	n/a	1.0%		n/a	1.0%	
	5	NW 75th Pl	NW 186th St / Miami Gardens Dr	n/a	1.0%		n/a	1.0%	
	6	NW 73th Ave	NW 186th St / Miami Gardens Dr	n/a	1.0%		n/a	1.0%	
	7	NW 68th Ave	NW 186th St / Miami Gardens Dr	n/a	1.0%		n/a	1.0%	
	8	Bobolink Dr	NW 186th St / Miami Gardens Dr	n/a	1.0%		n/a	1.0%	
	9	NW 67th Ave	NW 186th St / Miami Gardens Dr	n/a	1.0%		n/a	1.0%	
	10	NW 62th Ave	NW 186th St / Miami Gardens Dr	n/a	1.0%		n/a	1.0%	
	11	SR 823 / Red Rd	NW 186th St / Miami Gardens Dr	n/a	1.0%		n/a	1.0%	
	50	NW 87th Ave	NW 170th St	1.0%	1.0%		1.0%	1.0%	
Okeechobee Blvd / Hialeah Gardens Blvd Area	12	NW 97th Ave / W 36th Ave	NW 138th St / W 84th St	2.6%	1.9%	1.6%	1.8%	2.0%	1.4%
	13	NW 97th Ave / W 36th Ave	NW 130th St	2.6%	n/a		1.8%	n/a	
	14	Ronald Reagan Turnpike Ramp (S)	N Okeechobee Rd	2.0%	1.0%		2.0%	1.0%	
	15	Ronald Reagan Turnpike Ramp (N)	N Okeechobee Rd	2.0%	1.0%		2.0%	1.0%	
	20	NW 138 St	N Okeechobee Rd	3.0%	1.0%		1.8%	1.0%	
	23	Hialeah Gardens Blvd	N Okeechobee Rd	1.0%	1.0%		1.0%	1.0%	
	44	Hialeah Gardens Blvd	W 68th St	n/a	1.0%		n/a	1.0%	
	51	Hialeah Gardens Blvd	NW 130th St	1.0%	n/a		1.0%	n/a	
	52	Hialeah Gardens Blvd	W 80th St	1.0%	n/a		1.0%	n/a	
	53	Hialeah Gardens Blvd	W 84th St	1.0%	n/a		1.0%	n/a	
	54	Hialeah Gardens Blvd	NW 138th St / W 84th St	1.0%	n/a		1.0%	n/a	
SR 823 / Red Rd at Turnpike	16	SR 823 / Red Rd	Ronald Reagan Turnpike Ramp (E)	n/a	1.9%	1.9%	n/a	1.9%	1.9%
	17	SR 823 / Red Rd	Ronald Reagan Turnpike Ramp (W)	n/a	1.9%		n/a	1.9%	
Mimimar Pkwy at I-75 Ramps	36	I -75 Ramp (N)	Miramar Pkwy	1.3%	1.0%	1.2%	1.3%	1.0%	1.2%
	37	I -75 Ramp (S)	Miramar Pkwy	1.3%	1.0%		1.3%	1.0%	
Pines Blvd at I-75 Ramps	38	I -75 Ramp (N)	Pines Blvd	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
	39	I -75 Ramp (S)	Pines Blvd	1.0%	1.0%		1.0%	1.0%	

Table I-16: Zoning Year 2020 & 2040 Background and Combined Intersection LOS Analysis

Intersection ID	Intersection	BACKGROUND ONLY 2020				BACKGROUND ONLY 2040			
		AM		PM		AM		PM	
		LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay
1	NW 87th Ave / Miami Gardens Dr	F	263.30	F	182.80	F	345.10	F	227.60
2	NW 82nd Ave / Miami Gardens Dr	E	65.50	E	73.00	F	119.10	F	110.80
3	NW 79th Ave / Miami Gardens Dr	F	103.50	C	32.10	F	173.60	D	41.10
4	W Oakmont Dr / Miami Gardens Dr	B	16.80	D	35.30	C	22.00	D	45.00
5	NW 75th Ave / Miami Gardens Dr	F	92.90	E	56.90	F	122.40	E	70.50
6	NW 73th Ave / Miami Gardens Dr	B	17.00	C	27.50	C	20.70	C	33.10
7	NW 68th Ave / Miami Gardens Dr	C	23.10	C	24.90	D	44.40	C	34.40
8	Bobolink Dr / Miami Gardens Dr	F	118.90	F	159.90	F	217.40	F	273.10
9	NW 67th Ave / Miami Gardens Dr	D	53.00	E	69.60	E	76.10	F	124.10
10	NW 62nd Ave / Miami Gardens Dr	F	249.40	F	94.40	F	311.20	F	118.60
11	SR823/ Red Rd / Miami Gardens Dr	E	72.30	F	82.40	F	107.50	F	115.70
12	NW 97th Ave/ W 36th Ave / NW 138th St/ W 84th St	E	68.40	F	134.20	F	110.70	F	174.60
13	NW 97th Ave/ W 36th Ave / NW 130th St	A	9.50	B	12.00	B	10.20	C	24.60
14	Ronal Reagan Turnpike Ramp(S) / N Okeechobee Rd	F	149.70	E	55.70	F	247.20	E	78.80
15	Ronal Reagan Turnpike Ramp(N) / N Okeechobee Rd	D	42.40	E	71.90	F	124.20	F	200.20

Table I-16: Zoning Year 2020 & 2040 Background and Combined Intersection LOS Analysis

Intersection ID	Intersection	BACKGROUND ONLY 2020				BACKGROUND ONLY 2040			
		AM		PM		AM		PM	
		LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay
16	SR 823/ Red Rd Ronal Reagan Turnpike Ramp(E)	C	24.60	C	22.30	D	49.50	C	33.10
17	SR 823/ Red Rd Ronal Reagan Turnpike Ramp(W)	E	69.60	E	79.50	F	125.10	F	138.50
20	NW 138th St N Okeechobee Rd	F	138.60	F	175.30	F	204.90	F	261.30
23	Hialeah Gardens Blvd N Okeechobee Rd	F	125.60	F	308.00	F	165.60	F	416.00
36	I-75 Ramp (N) Miramar Pkwy	B	14.40	B	12.70	C	22.80	B	17.50
37	I-75 Ramp (S) Miramar Pkwy	B	17.50	A	9.20	D	41.60	B	11.80
38	I-75 Ramp (N) Pines Blvd	B	16.20	A	8.50	C	29.70	B	10.60
39	I-75 Ramp (S) Pines Blvd	C	30.30	B	12.60	D	53.50	B	14.90
44	Hialeah Gardens Blvd W 68th St	F	201.70	F	94.60	F	280.50	F	170.10
50	NW 87th Ave NW 170th St	F	234.30	E	74.50	F	304.00	F	97.40
51	Hialeah Gardens Blvd NW 130th St	F	376.00	E	87.00	F	388.50	F	129.40
52	Hialeah Gardens Blvd W 80th St	C	33.10	D	47.60	D	46.50	E	68.50
53	Hialeah Gardens Blvd W 84th St	F	117.50	F	102.00	F	210.70	F	157.90
54	Hialeah Gardens Blvd NW 138th St/ W 84th St	E	69.80	F	139.50	F	155.00	F	196.50

9. PROJECT TRIP DISTRIBUTION

Distribution of forecasted project trips generated for the American Dream Miami and the Graham Projects was determined with the use of a regional travel demand model based on the Florida Standard Urban Transportation Model Structure (FSUTMS). In coordination with FDOT District Four and District Six, the base model version used for this effort was the Southeast Regional Planning Model (SERPM), version 6.5 refined by FDOT District Six for the SR 826 PD&E modeling work. In this version of SERPM, a sub-area module was added by District Six to improve calibration and streamline analysis in the area of SR 826. This model was provided to the Applicant by FDOT on March 13th 2015. Before use with the CDMP TIA model runs, the model roadway networks were updated to include Cost Feasible network improvements for the Short-term (Year 2020) and Long-term (Year 2040) conditions. Additionally, the latest approved socioeconomic data set from SERPM version 7 were incorporated into the model set along with platted projects provided by County staff (see **Appendix I-L**).

Land use data for the American Dream Miami Project and the Graham Project were entered into traffic analysis zones (TAZs) in a manner which appropriately represents each Project's land uses and access points. Additionally, roadways and interchange ramps anticipated in the networks beyond the Cost Feasible planned improvements (as detailed in the previous section) were added to simulate access to the projects. The land use data for American Dream Miami and the Graham Project was then factored to match the daily ITE trip generation calculations for the external trip quantities detailed in previously Chapter I on Trip Generation. The updated models were run to distribute trips for all model trip purposes between allocated origins and destinations. Project trip distribution percentages were extracted from the completed model run, and the data was reviewed to ensure the results were reasonable.

For American Dream Miami, the *Mall of America* (MOA) *Special Generator Survey*, by Cambridge Systematics, Inc. dated April 20, 2012, (included in **Appendix I-G**) was referenced to compare the initial SERPM run project distribution outputs to MOA trip behaviors for this unique trip type. Surveys from the Cambridge Systematics' report concluded that approximately 30% of MOA visits were made from outside of the region. This trip behavior is not fully represented for American Dream Miami trips in the SERPM model, which is designed to primarily forecast weekday commuter trips and similar local behaviors from traditional land use types. Typically, unique attractions such as American Dream Miami are assigned a special generator module to more accurately simulate unique project trip behaviors within the model. This approach can be a very involved exercise and invasive to much of the coding developed for an adopted regional planning tool. Therefore, a more creative solution was used to adjust project distribution for American Dream Miami such that project distribution is more representative of behaviors noted in the MOA survey data, as described below.

The Applicant for American Dream Miami intends to design the project, the access points, and advocate for a surrounding roadway network that will capture many of its regional and non-regional visitors (like the ones observed at MOA) directly from the I-75 and HEFT facilities. To do so, the Applicant is working with FDOT Districts Four and Six to enhance the design of the interchange improvement at I-75/HEFT/Miami Gardens Drive. Improvements proposed at the interchange include ramps for direct access to NW 178th Street west of I-75, to and from the

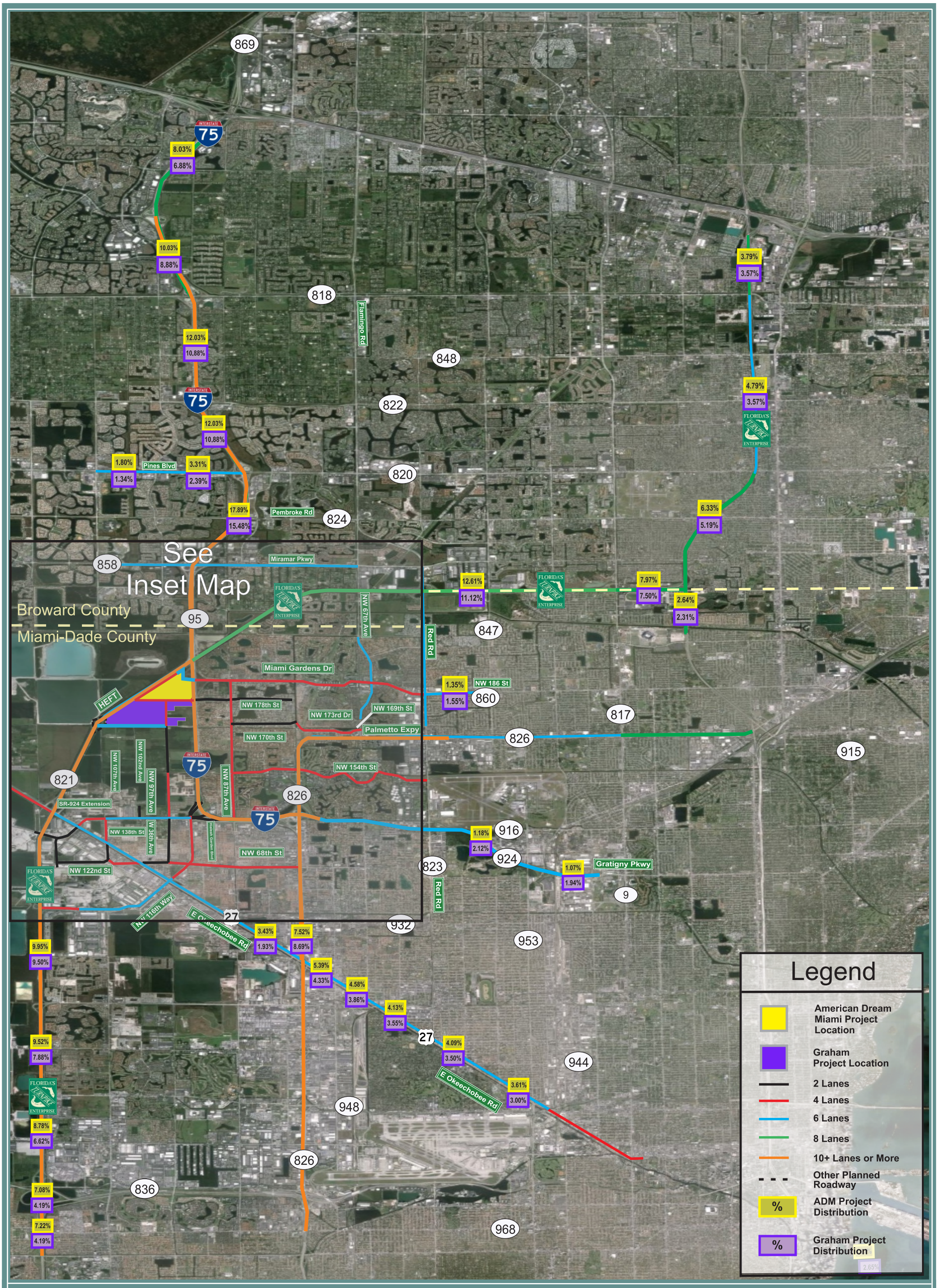
southbound I-75 travel lanes, so that these trips would not need to impact Miami Gardens Drive or other local roads. Additionally, the Applicant has requested that many of the left turns along Miami Gardens Drive be removed from the interchange design and replaced with loops to reduce delay times along the segment of Miami Gardens Drive from the project to NW 87th Avenue. The Applicant is also in talks with Florida's Turnpike regarding a new HEFT interchange at NW 170th Street. This interchange will be heavily marketed as the primary entry point for American Dream Miami to include roadway signs directing traffic from beyond the local area to this access point. This approach proposed by the Applicant is intended to minimize the use of local roadways by project trips.

As a result of the planned access management enhancements and the large amount of regional trips not accounted for in the model, the project distribution for American Dream Miami in the initial SERPM runs is lower than reasonable via the HEFT and NW 170th Street interchange. To forecast a more representative project distribution, an additional TAZ was added for American Dream Miami at NW 170th Street near the future HEFT interchange in addition to the original TAZ for the project. A portion of the project's socioeconomic (SE) data from the original TAZ representing the amount of non-regional trips expected (30% as per the MOA surveys) was transferred to the new TAZ and turning prohibitors were coded into the network to force this portion of project trips to access the project via the HEFT and NW 170th St. Project trips were manually assigned the full route along NW 170th Street and NW 97th Ave (as well as NW 102nd Ave for 2040) between the two TAZs to not underestimate project trips along the access route.

Three separate model runs were prepared for the ADM and the Graham traffic impact analyses. The model runs are represented by the following:

- Year 2020 SE Data on Year 2020 Network (all 2020 Analyses)
- Year 2040 SE Data on Year 2040 Network (2040 CDMP Analyses Only)
- Year 2040 SE Data on Year 2020 Network (2040 Zoning Analyses Only)

Figures I-10 through **Figure I-12** depict the percentage of new external project trips, on the corresponding either Year 2020 and Year 2040 roadway networks, for the American Dream Miami and the Graham Projects for each of the three different model runs. Model plots are provided in **Appendix I-M** and include six individual plots for each model run to ensure legibility (e.g. Northeast, Northmiddle, Northwest, Southeast, Southmiddle, Southwest). Per agency requests, additional model plots are included to show the 30 percent ADM TAZ near HEFT select zone analysis total daily volumes (near ADM and Graham for review of trips generated) and percent distribution (for all six plots).

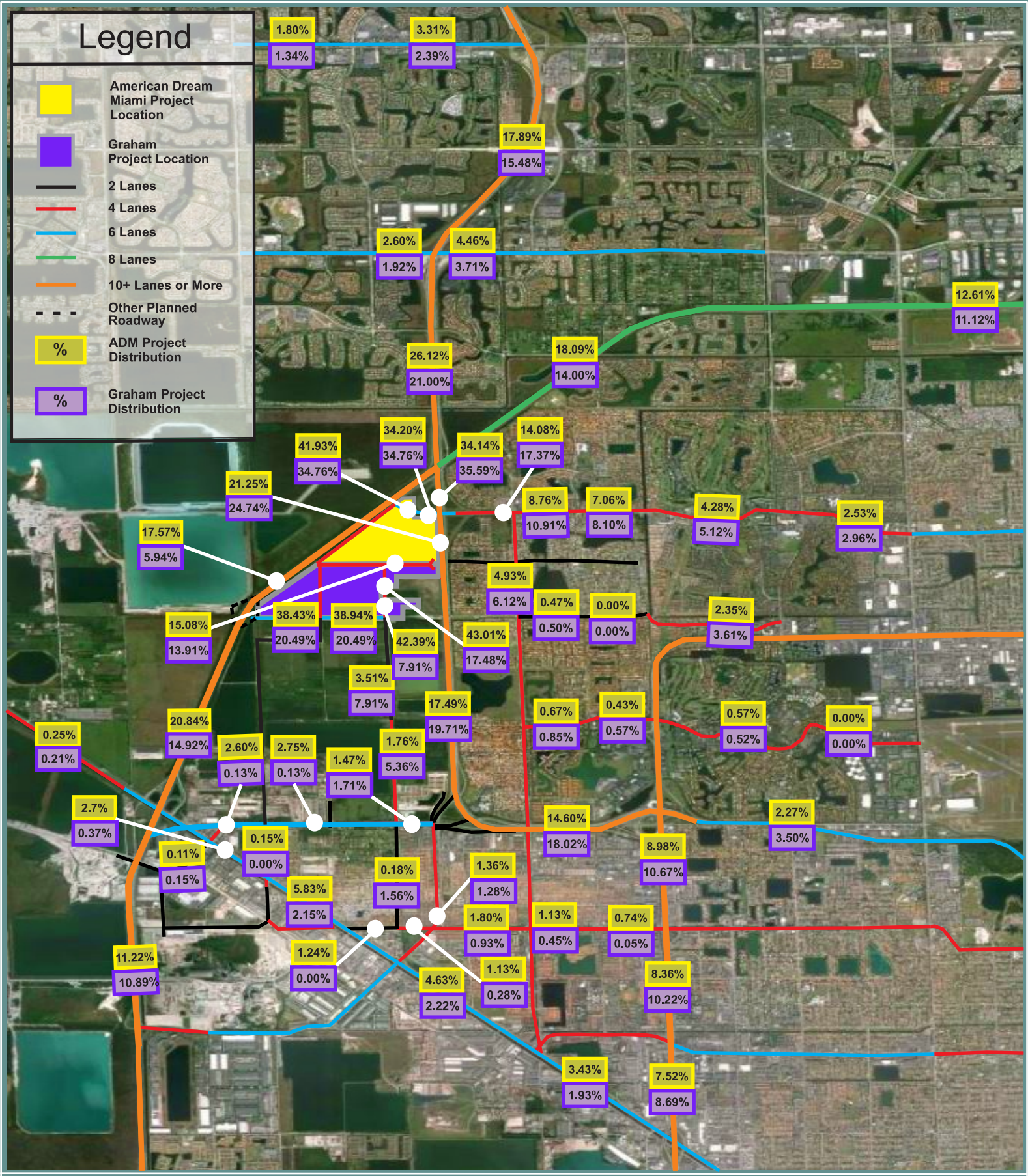


2020 Daily Project Distributions

American Dream Miami / Graham

NTS

Figure: I-10A



2020 Daily Project Distributions

American Dream Miami / Graham

NTS

Figure:

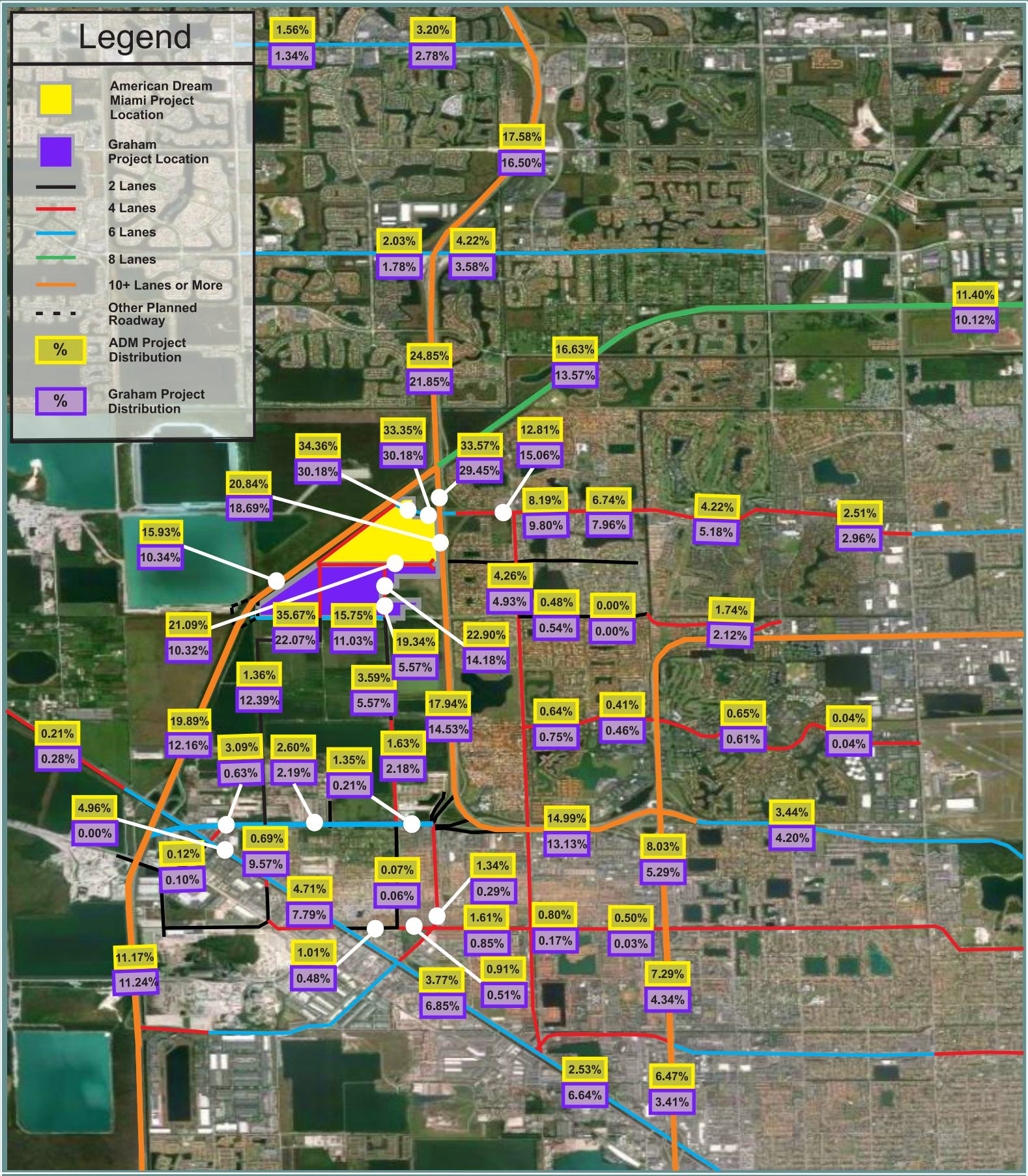
I-10B

2040 Daily CDMP Project Distributions

American Dream Miami / Graham

NTS

Figure: I-11A



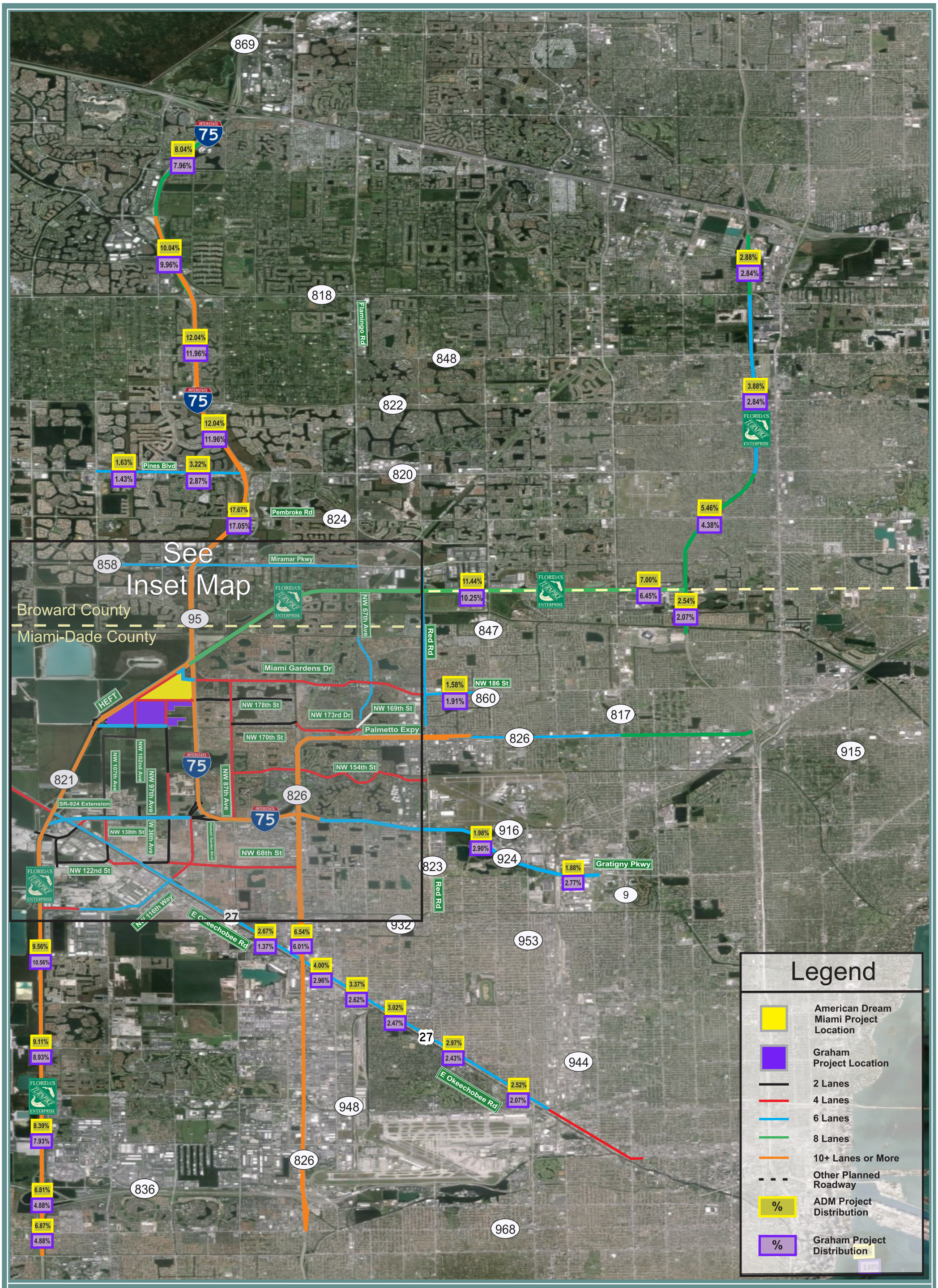
2040 Daily CDMP Project Distributions

American Dream Miami / Graham

NTS

Figure:

I-11B



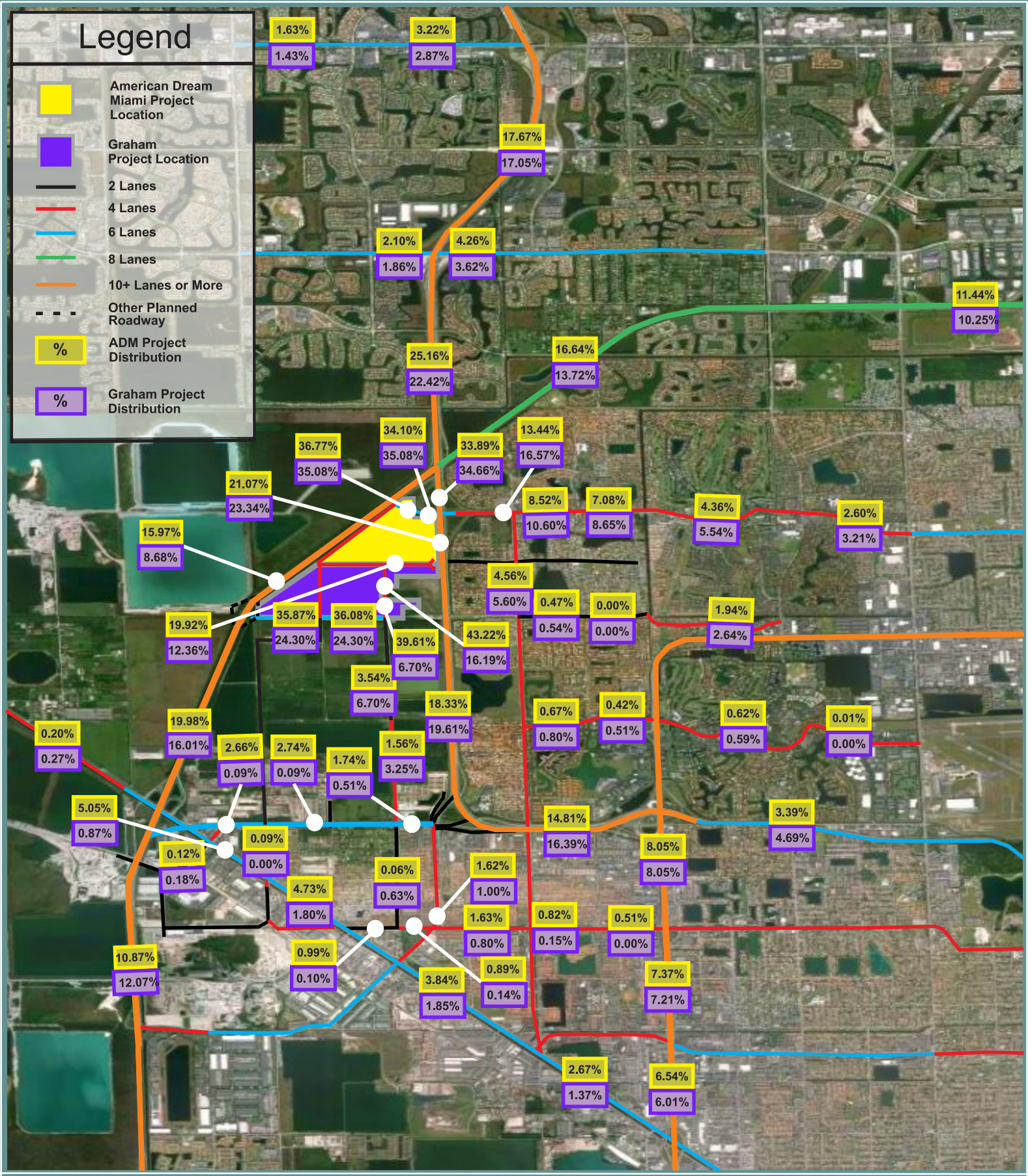
2040 Daily Zoning Project Distributions

American Dream Miami / Graham

NTS

Figure:

I-12A



2040 Daily Zoning Project Distributions

American Dream Miami / Graham

NTS

Figure:

I-12B

10. PROJECT ASSIGNMENT

For each project, new peak hour peak direction external project link trips were assigned to the roadway network by applying the trip generation quantities from **Table I-9** and **Table I-10** to the roadway networks in accordance with the project distribution developed for the projects from **Figure I-10, Figure I-11,** or **Figure 12** depending on the Scenario and analysis being reviewed. On routes where trips could divert from I-75 and HEFT, the project distribution was applied to the net external trips (before the diverted trip reduction was applied). Project trips were then added to the forecasted background traffic to obtain the total future roadway segment volumes to conduct the Short-term (Year 2020) and Long-term (Year 2040) LOS analysis for each of the respective analyses. **Tables I-17** through **I-19** documents the resulting ADM and Graham Project link trips for respectively the Year 2020 SE Data on Year 2020 distribution (all 2020 analyses), the Year 2040 SE Data on Year 2040 distribution (2040 CDMP analyses only), and the Year 2040 SE Data on Year 2020 distributions (2040 Zoning analyses only).

Similarly, the future intersection TMVs were developed by applying the trip generation quantities from **Table I-9** and **Table I-10** to the intersection approaches in accordance with the project distribution developed for the projects (e.g. **Figure I-10, Figure I-11,** or **Figure 12**). Since the roadway links depict one overall project distribution percentage, a more detailed review of the model distributions were utilized during the intersection project development to ensure that the appropriate driveways, which are represented by the model's centroid connectors, were reflected for the intersection approaches. For example, a roadway link may contain two "driveway" centroid connectors along a roadway link; in which case the percent project distribution for the two intersection at each end of the roadway link would have different percent project distribution for their respective approaches. After applying the applicable percent project trips for each intersection approach, the TMVs were balanced to ensure that the inbound and outbound intersection approach volumes reasonably matched the corresponding project trips derived by multiplying the percent project trips by the trip generation for each individual intersection analysis. Diverted trips were accounted for where applicable. **Appendix I-K** provides a detailed overview of the various TMVs developed for each of the 29 intersections.

Chapters II, III, and IV detail the results of various LOS findings prepared for respectively the ADM, the Graham, and the Combined ADM/Graham traffic impacts.

Table I-17: Year 2020 Socio-Economic Data on Year 2020 Roadway Network Percent Project Distribution & PM Trips

				Net External Trips						Net External Trips					
				IN =	3,471	OUT =	2,314			IN =	496	OUT =	575		
				ADM PROJECT TRIPS						GRAHAM PROJECT TRIPS					
						IN =	3,221	OUT =	2,110			IN =	396	OUT =	467
STA ID	Roadway	From	To	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	7.22%	3.84%	3.38%	N	232	152	4.19%	2.27%	1.92%	S	17	20
972526		SR 836	NW 12th Street	7.08%	3.70%	3.38%	N	228	149	4.19%	2.27%	1.92%	S	17	20
972230		NW 12th Street	NW 41th Street	8.78%	4.42%	4.36%	N	283	185	6.62%	3.55%	3.07%	S	26	31
972269		NW 41th Street	NW 74th Street	9.52%	4.89%	4.64%	N	307	201	7.88%	4.36%	3.51%	S	31	37
972268		NW 74th Street	NW 106th Street	9.95%	5.10%	4.85%	N	320	210	9.50%	5.41%	4.09%	S	38	44
972272		NW 106th Street	US 27/ Okeechobee Rd	11.22%	5.84%	5.38%	N	361	237	10.89%	6.11%	4.78%	S	43	51
972248		US 27/ Okeechobee Rd	NW 170th St	20.84%	10.80%	10.04%	N	576	535	14.92%	9.18%	5.74%	S	79	50
972248		NW 170th St	Interstate 75	17.57%	8.89%	8.68%	S	371	566	5.94%	5.94%	0.00%	N	51	0
972285		Interstate 75	CR 823/Red Rd	18.09%	8.32%	9.77%	W	382	583	14.00%	5.94%	8.06%	E	65	55
971996		CR 823/Red Rd	CR 817/NW 27th Ave	12.61%	5.91%	6.70%	W	266	406	11.12%	4.85%	6.28%	E	52	44
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	7.97%	3.49%	4.48%	W	168	257	7.50%	2.92%	4.58%	E	35	30
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	3.79%	1.86%	1.93%	S	80	122	3.57%	1.75%	1.82%	N	17	14
971902		Griffin Rd	Pines Blvd	4.79%	2.36%	2.43%	S	101	154	3.57%	1.75%	1.82%	N	17	14
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	6.33%	3.10%	3.23%	S	134	204	5.19%	2.53%	2.66%	N	24	21
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	2.64%	1.75%	0.89%	N	85	56	2.31%	1.92%	0.39%	S	9	11
862005	Interstate 75	I-595	Royal Palm Blvd	8.03%	4.11%	3.92%	S	169	259	6.88%	3.49%	3.39%	N	32	27
862004		Royal Palm Blvd	Griffin Rd	10.03%	5.11%	4.92%	S	212	323	8.88%	4.49%	4.39%	N	41	35
862003		Griffin Rd	Sheridan St	12.03%	6.11%	5.92%	S	254	387	10.88%	5.49%	5.39%	N	51	43
862002		Sheridan St	Pines Blvd	12.03%	6.11%	5.92%	S	254	387	10.88%	5.49%	5.39%	N	51	43
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	17.89%	8.44%	9.45%	S	377	576	15.48%	7.32%	8.16%	N	72	61
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	26.12%	13.54%	12.58%	S	551	841	21.00%	10.86%	10.14%	N	98	83
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	34.14%	20.46%	13.68%	S	1,091	729	35.59%	17.38%	18.21%	N	150	157
872501		Miami Gardens Dr/NW 186 St	NW 178th St	21.25%	7.83%	13.42%	N	417	715	24.74%	6.53%	18.21%	S	56	157
872501		NW 178th St	NW 138th Street	17.49%	7.83%	9.66%	N	417	515	19.71%	6.53%	13.18%	S	56	114
872500		NW 138th Street	SR 826	14.60%	7.83%	6.77%	W	417	361	18.02%	11.49%	6.53%	E	99	56
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.27%	1.09%	1.18%	W	48	73	3.50%	1.78%	1.71%	E	16	14
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	1.18%	0.62%	0.56%	W	25	38	2.12%	1.14%	0.98%	E	10	8
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	1.07%	0.59%	0.48%	W	23	34	1.94%	1.08%	0.86%	E	9	8
n/a	NW 107th Ave	NW 122nd St	NW 138th St	0.15%	0.05%	0.10%	N	5	3	0.00%	0.00%	0.00%	S	0	0
n/a		NW 138th St	NW 170th St												
n/a	NW 102nd Ave	NW 170th St	NW 178th St												
n/a		NW 178th St	ADM Project Access Rd	13.98%	9.09%	4.89%	N	485	323	34.76%	19.57%	15.18%	S	172	200
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	41.93%	27.28%	14.66%	W	1,578	848	34.76%	19.57%	15.18%	E	210	163
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	34.20%	19.55%	14.66%	W	1,131	848	34.76%	19.57%	15.18%	E	210	163
872518		Interstate 75 Eastern Ramps	NW 87th Ave	14.08%	6.92%	7.16%	W	369	382	17.37%	8.72%	8.65%	E	75	75
872518		NW 87th Ave	NW 82nd Ave	8.76%	4.29%	4.47%	W	185	282	10.91%	5.37%	5.53%	E	51	43
872517		NW 82nd Ave	NW 77nd Ave	7.06%	3.30%	3.76%	W	149	227	8.10%	3.79%	4.31%	E	38	32
872517		NW 77nd Ave	NW 67nd Ave	4.28%	2.02%	2.26%	W	90	138	5.12%	2.47%	2.65%	E	24	20
872516		NW 67nd Ave	NW 57nd Ave	2.53%	1.19%	1.33%	W	53	81	2.96%	1.39%	1.57%	E	14	12
871233		NW 57th Ave	NW 47th Ave	1.35%	0.67%	0.68%	W	28	43	1.55%	0.77%	0.78%	E	7	6
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	38.43%	19.46%	18.96%	E	1,126	1,097	20.49%	8.99%	11.50%	W	96	123
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	38.94%	19.72%	19.22%	W	901	1,352	20.49%	8.99%	11.50%	E	118	102
878177		NW 87th Ave	NW 82nd Ave	0.47%	0.26%	0.21%	W	10	15	0.50%	0.28%	0.22%	E	2	2
9552		NW 82nd Ave	NW 78th Ave	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%	0.00%	E	0	0
9550	NW 169th St	NW 77th Ct	NW 67th Ave	2.35%	1.33%	1.03%	W	50	76	3.61%	2.02%	1.59%	E	17	14
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.67%	0.26%	0.41%	W	14	22	0.85%	0.33%	0.52%	E	4	3
877037		NW 82nd Ave	SR 826	0.43%	0.13%	0.30%	W	9	14	0.57%	0.19%	0.38%	E	3	2
878673		SR 826	NW 67th Ave	0.57%	0.30%	0.28%	W	12	18	0.52%	0.30%	0.22%	E	2	2
9256		NW 67th Ave	NW 57th Ave (Red Road)	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%	0.00%	E	0	0

Table I-17: Year 2020 Socio-Economic Data on Year 2020 Roadway Network Percent Project Distribution & PM Trips

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				ADM PROJECT TRIPS						GRAHAM PROJECT TRIPS					
						IN =	3,221	OUT =	2,110			IN =	396	OUT =	467
STA ID	Roadway	From	To	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB
878684	NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	2.60%	1.26%	1.34%	E	84	55	0.13%	0.00%	0.13%	W	1	1
877048		NW 107th Ave	NW 97th Ave	2.75%	1.31%	1.44%	E	88	58	0.13%	0.00%	0.13%	W	1	1
877048		NW 97th Ave	Hialeah Gardens Blvd	1.47%	0.54%	0.93%	W	29	49	1.71%	0.57%	1.14%	E	5	10
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.41%	0.10%	0.32%	N	13	9	0.07%	0.03%	0.03%	S	0	0
878620		US 27/ Okeechobee Rd	NW 138th St	1.36%	0.64%	0.72%	N	34	38	1.28%	0.57%	0.71%	S	5	6
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.22%	0.11%	0.11%	N	6	6	0.77%	0.57%	0.19%	S	5	2
878243		NW 130th St	NW 138th St	0.18%	0.18%	0.00%	N	10	0	1.56%	1.15%	0.41%	S	10	4
878243		NW 138th St	NW 154th St	1.76%	1.12%	0.64%	N	60	34	5.36%	3.63%	1.73%	S	31	15
878243		NW 154th St	NW 170th St	3.51%	2.00%	1.52%	N	106	81	7.91%	4.91%	3.00%	S	42	26
n/a		NW 170th St	Graham Access	42.39%	21.68%	20.71%	N	1,254	1,198	7.91%	4.91%	3.00%	S	53	32
n/a		Graham Access	NW 178th St	43.01%	21.99%	21.01%	S	1,272	1,216	17.48%	7.49%	10.00%	N	80	107
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	4.93%	2.50%	2.43%	N	159	104	6.12%	2.95%	3.17%	S	24	29
878112		NW 170th St	NW 154th St	1.69%	1.00%	0.69%	N	54	36	1.72%	0.96%	0.76%	S	7	8
n/a	NW178th St	Graham Access	NW 97th Ave	10.20%	5.60%	4.60%	E	354	236	17.48%	7.49%	10.00%	W	87	101
n/a		NW 97th Ave	Iinterstate 75	15.08%	1.66%	13.42%	W	96	776	13.91%	5.70%	8.21%	E	61	88
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	1.61%	0.08%	1.53%	E	52	34	1.16%	0.05%	1.11%	W	5	5
n/a		SW 160th Ave	Interstate 75	2.60%	0.09%	2.51%	E	84	55	1.92%	0.05%	1.87%	W	8	9
n/a		Interstate 75	SW 148th Ave	4.46%	2.01%	2.45%	W	94	144	3.71%	1.72%	1.99%	E	17	15
867326		SW 148th Ave	Flamingo Rd	3.04%	1.64%	1.40%	W	64	98	2.59%	1.40%	1.19%	E	12	10
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	1.13%	0.51%	0.63%	W	24	37	0.28%	-0.24%	0.52%	E	1	1
877076		Hialeah Gardens Blvd	NW 89th Ave	1.80%	0.80%	0.99%	W	38	58	0.93%	0.32%	0.62%	E	4	4
878193		NW 89th Ave	NW 87th Ave	1.13%	0.47%	0.65%	W	24	36	0.45%	0.08%	0.37%	E	2	2
877041		NW 87th Ave	SR 826	0.74%	0.32%	0.41%	W	16	24	0.05%	0.00%	0.05%	E	0	0
877076		N Okeechobee Rd	NW 97th Ave	1.24%	0.56%	0.68%	E	40	26	0.00%	0.00%	0.00%	W	0	0
870575	SR 826	I-75	NW 122nd St	8.98%	5.27%	3.71%	N	289	189	10.67%	4.77%	5.90%	S	42	50
870574		NW 122nd St	NW 103rd St	8.36%	4.22%	4.13%	N	269	176	10.22%	3.67%	6.55%	S	40	48
870553		NW 103rd St	N Okeechobee Rd	7.52%	3.68%	3.84%	N	242	159	8.69%	2.81%	5.88%	S	34	41
860088	Pines Blvd	I-75	SW 160th Ave	3.31%	2.41%	0.90%	E	107	70	2.39%	1.75%	0.64%	W	9	11
860087		SW 160th Ave	SW 172th Ave	1.80%	1.35%	0.45%	E	58	38	1.34%	1.01%	0.33%	W	5	6
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	0.25%	0.12%	0.13%	E	8	5	0.21%	0.09%	0.11%	W	1	1
872536		Florida's Turnpike	NW 138th St	8.68%	4.19%	4.49%	E	280	183	3.08%	0.47%	2.60%	W	12	14
872536		NW 138th St	NW 107th Ave	6.04%	2.92%	3.12%	E	194	127	2.64%	0.32%	2.32%	W	10	12
872536		NW 107th Ave	Hialeah Gardens Blvd	5.83%	2.83%	3.01%	W	123	188	2.15%	0.07%	2.08%	E	10	9
870109		Hialeah Gardens Blvd	NW 103rd St	4.63%	2.29%	2.34%	W	98	149	2.22%	0.22%	2.00%	E	10	9
870109		NW 103rd St	SR 826	3.43%	1.67%	1.76%	W	72	110	1.93%	0.12%	1.81%	E	9	8
870528		SR 826	W 16th Ave (Milam Dairy Rd)	5.39%	2.68%	2.70%	W	114	173	4.33%	2.17%	2.16%	E	20	17
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	4.58%	2.36%	2.21%	W	97	147	3.86%	2.11%	1.75%	E	18	15
875252		Hialeah Expy	NW 57th Ave (Red Road)	4.13%	2.17%	1.97%	W	87	133	3.55%	1.99%	1.55%	E	17	14
875252		NW 57th Ave (Red Road)	Hialeah Dr	4.09%	2.14%	1.94%	W	86	132	3.50%	1.97%	1.53%	E	16	14
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	3.61%	1.89%	1.72%	W	76	116	3.00%	1.69%	1.30%	E	14	12
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.79%	0.31%	0.48%	W	17	25	0.45%	0.22%	0.23%	E	2	2
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.42%	0.18%	0.25%	W	9	14	0.31%	0.16%	0.15%	E	1	1
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	3.41%	1.23%	2.19%	W	72	110	2.45%	0.87%	1.58%	E	11	10
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	2.06%	0.88%	1.18%	W	44	66	0.43%	0.21%	0.22%	E	2	2
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	0.93%	0.44%	0.49%	W	20	30	0.58%	0.30%	0.27%	E	3	2
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.62%	0.36%	0.27%	W	13	20	0.69%	0.44%	0.25%	E	3	3

Diverted Trip Route Segment (Net External Trips Applied)

Table I-18: Year 2040 Socio-Economic Data on Year 2040 Roadway Network Percent Project Distribution & PM Trips

				Net External Trips						Net External Trips					
				IN =	3,471	OUT =	2,314			IN =	2,358	OUT =	3,414		
				ADM PROJECT TRIPS						GRAHAM PROJECT TRIPS					
						IN =	3,221	OUT =	2,110			IN =	2,138	OUT =	3,177
STA ID	Roadway	From	To	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	7.17%	3.75%	3.42%	N	231	151	4.89%	2.58%	2.31%	S	105	155
972526		SR 836	NW 12th Street	7.01%	3.62%	3.40%	N	226	148	4.89%	2.58%	2.31%	S	105	155
972230		NW 12th Street	NW 41th Street	8.46%	4.27%	4.19%	N	272	178	7.54%	4.23%	3.31%	S	161	240
972269		NW 41th Street	NW 74th Street	9.40%	4.81%	4.59%	N	303	198	8.79%	4.97%	3.81%	S	188	279
972268		NW 74th Street	NW 106th Street	9.85%	5.10%	4.76%	N	317	208	10.33%	5.94%	4.39%	S	221	328
972272		NW 106th Street	US 27/ Okeechobee Rd	11.17%	5.75%	5.42%	N	360	236	11.24%	6.49%	4.75%	S	240	357
972248		US 27/ Okeechobee Rd	NW 170th St	19.89%	10.48%	9.41%	N	558	502	12.16%	7.02%	5.14%	S	373	273
972248		NW 170th St	Interstate 75	15.93%	8.12%	7.80%	S	336	513	10.34%	7.02%	3.31%	N	373	176
972285		Interstate 75	CR 823/Red Rd	16.63%	7.91%	8.72%	W	351	536	13.57%	6.78%	6.79%	E	431	290
971996		CR 823/Red Rd	CR 817/NW 27th Ave	11.40%	5.56%	5.85%	W	241	367	10.12%	5.08%	5.04%	E	322	216
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	6.96%	3.23%	3.73%	W	147	224	6.40%	3.08%	3.32%	E	203	137
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	2.84%	1.32%	1.52%	S	60	91	2.87%	1.48%	1.39%	N	91	61
971902		Griffin Rd	Pines Blvd	3.84%	1.82%	2.02%	S	81	124	2.87%	1.48%	1.39%	N	91	61
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	5.43%	2.61%	2.82%	S	115	175	4.39%	2.25%	2.14%	N	139	94
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	2.52%	1.41%	1.12%	N	81	53	2.01%	1.17%	0.83%	S	43	64
862005		I-595	Royal Palm Blvd	8.11%	4.20%	3.91%	S	171	261	7.66%	3.76%	3.91%	N	243	164
862004		Royal Palm Blvd	Griffin Rd	10.11%	5.20%	4.91%	S	213	326	9.66%	4.76%	4.91%	N	307	207
862003		Griffin Rd	Sheridan St	12.11%	6.20%	5.91%	S	255	390	11.66%	5.76%	5.91%	N	370	249
862002		Sheridan St	Pines Blvd	12.11%	6.20%	5.91%	S	255	390	11.66%	5.76%	5.91%	N	370	249
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	17.58%	8.55%	9.03%	S	371	566	16.50%	7.72%	8.78%	N	524	353
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	24.85%	12.96%	11.89%	S	524	801	21.85%	11.00%	10.86%	N	694	467
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	33.57%	20.76%	12.81%	S	1,107	683	29.45%	15.12%	14.33%	N	803	762
872501		Miami Gardens Dr/NW 186 St	NW 178th St	20.84%	8.24%	12.60%	N	439	672	18.69%	4.36%	14.33%	S	232	762
872501		NW 178th St	NW 138th Street	17.94%	8.24%	9.71%	N	439	517	14.53%	4.36%	10.17%	S	232	540
872500		NW 138th Street	SR 826	14.99%	8.12%	6.87%	W	433	366	13.13%	9.02%	4.11%	E	479	219
872511		SR 826	NW 57th Ave (Red Road)	3.44%	1.66%	1.79%	W	73	111	4.20%	2.29%	1.91%	E	133	90
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	1.93%	0.99%	0.94%	W	41	62	2.56%	1.50%	1.05%	E	81	55
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	1.83%	0.96%	0.87%	W	39	59	2.42%	1.46%	0.96%	E	77	52
n/a	NW 107th Ave	NW 122nd St	NW 138th St	0.69%	0.49%	0.20%	N	22	15	9.57%	5.79%	3.79%	S	205	304
n/a		NW 138th St	NW 170th St	1.36%	0.66%	0.70%	N	35	37	12.39%	7.34%	5.05%	S	390	269
n/a	NW 102nd Ave	NW 170th St	NW 178th St	21.90%	11.29%	10.61%	N	653	614	34.46%	17.46%	17.00%	S	1,008	981
n/a		NW 178th St	ADM Project Access Rd	23.93%	12.41%	11.52%	N	831	554	30.18%	17.61%	12.57%	S	712	1,030
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	34.36%	19.56%	14.80%	W	1,132	856	30.18%	17.61%	12.57%	E	1,016	726
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	33.35%	18.55%	14.80%	W	1,073	856	30.18%	17.61%	12.57%	E	1,016	726
872518		Interstate 75 Eastern Ramps	NW 87th Ave	12.81%	6.02%	6.79%	W	321	362	15.06%	6.85%	8.21%	E	364	436
872518		NW 87th Ave	NW 82nd Ave	8.19%	3.80%	4.39%	W	173	264	9.80%	4.43%	5.37%	E	311	209
872517		NW 82nd Ave	NW 77nd Ave	6.74%	3.05%	3.69%	W	142	217	7.96%	3.50%	4.46%	E	253	170
872517		NW 77nd Ave	NW 67nd Ave	4.22%	1.87%	2.35%	W	89	136	5.18%	2.23%	2.95%	E	165	111
872516		NW 67nd Ave	NW 57nd Ave	2.51%	1.07%	1.44%	W	53	81	2.96%	1.19%	1.78%	E	94	63
871233		NW 57th Ave	NW 47th Ave	1.54%	0.72%	0.82%	W	33	50	1.77%	0.77%	1.00%	E	56	38
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	35.67%	18.20%	17.48%	E	1,053	1,011	22.07%	10.12%	11.95%	W	584	690
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	15.75%	7.87%	7.87%	W	364	547	11.03%	5.06%	5.97%	E	377	260
878177		NW 87th Ave	NW 82nd Ave	0.48%	0.24%	0.25%	W	10	15	0.54%	0.26%	0.28%	E	17	12
9552		NW 82nd Ave	NW 78th Ave	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%	0.00%	E	0	0
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.74%	0.79%	0.95%	W	37	56	2.12%	0.81%	1.31%	E	67	45
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.64%	0.28%	0.37%	W	14	21	0.75%	0.30%	0.45%	E	24	16
877037		NW 82nd Ave	SR 826	0.41%	0.14%	0.26%	W	9	13	0.46%	0.16%	0.31%	E	15	10
878673		SR 826	NW 67th Ave	0.65%	0.37%	0.28%	W	14	21	0.61%	0.37%	0.24%	E	19	13
9256		NW 67th Ave	NW 57th Ave (Red Road)	0.04%	0.04%	0.00%	W	1	1	0.04%	0.04%	0.00%	E	1	1

Table I-18: Year 2040 Socio-Economic Data on Year 2040 Roadway Network Percent Project Distribution & PM Trips

				Net External Trips						Net External Trips					
				IN =	3,471	OUT =	2,314			IN =	2,358	OUT =	3,414		
				ADM PROJECT TRIPS						GRAHAM PROJECT TRIPS					
						IN =	3,221	OUT =	2,110			IN =	2,138	OUT =	3,177
STA ID	Roadway	From	To	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB
878684	NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	3.09%	1.38%	1.71%	E	99	65	0.63%	0.21%	0.42%	W	13	20
877048		NW 107th Ave	NW 97th Ave	2.60%	1.31%	1.30%	E	84	55	2.19%	0.85%	1.34%	W	47	70
877048		NW 97th Ave	Hialeah Gardens Blvd	1.35%	0.61%	0.73%	W	33	39	0.21%	0.03%	0.18%	E	2	10
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.41%	0.02%	0.40%	N	13	9	0.05%	0.02%	0.02%	S	1	1
878620		US 27/ Okeechobee Rd	NW 138th St	1.34%	0.51%	0.83%	N	27	44	0.29%	0.03%	0.26%	S	2	14
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.19%	0.09%	0.10%	N	5	5	0.15%	0.12%	0.04%	S	6	2
878243		NW 130th St	NW 138th St	0.07%	0.03%	0.03%	N	2	2	0.06%	0.06%	0.00%	S	3	0
878243		NW 138th St	NW 154th St	1.63%	0.83%	0.80%	N	44	43	2.18%	1.34%	0.85%	S	71	45
878243		NW 154th St	NW 170th St	3.59%	1.81%	1.78%	N	97	95	5.57%	3.03%	2.54%	S	161	135
n/a		NW 170th St	Graham Access	19.34%	9.69%	9.65%	N	560	558	5.57%	3.03%	2.54%	S	175	146
n/a		Graham Access	NW 178th St	22.90%	11.47%	11.43%	S	663	661	14.18%	6.05%	8.13%	N	349	469
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	4.26%	2.22%	2.04%	N	137	90	4.93%	2.67%	2.26%	S	105	156
878112		NW 170th St	NW 154th St	1.55%	0.84%	0.71%	N	50	33	1.79%	0.97%	0.82%	S	38	57
n/a	NW178th St	Graham Access	NW 97th Ave	6.16%	3.57%	2.59%	E	214	143	14.18%	6.05%	8.13%	W	334	484
n/a		NW 97th Ave	Iinterstate 75	21.09%	8.49%	12.60%	W	491	729	10.32%	4.12%	6.20%	E	238	358
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	1.54%	0.17%	1.37%	E	50	32	1.38%	0.17%	1.21%	W	30	44
n/a		SW 160th Ave	Interstate 75	2.03%	0.00%	2.03%	E	65	43	1.78%	0.00%	1.77%	W	38	56
n/a		Interstate 75	SW 148th Ave	4.22%	1.87%	2.35%	W	89	136	3.58%	1.50%	2.08%	E	114	77
867326		SW 148th Ave	Flamingo Rd	2.61%	1.50%	1.11%	W	55	84	2.16%	1.17%	0.98%	E	69	46
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.91%	0.36%	0.55%	W	19	29	0.51%	0.03%	0.48%	E	16	11
877076		Hialeah Gardens Blvd	NW 89th Ave	1.61%	0.67%	0.93%	W	34	52	0.85%	0.35%	0.49%	E	27	18
878193		NW 89th Ave	NW 87th Ave	0.80%	0.27%	0.53%	W	17	26	0.17%	0.01%	0.16%	E	5	4
877041		NW 87th Ave	SR 826	0.50%	0.15%	0.36%	W	11	16	0.03%	0.00%	0.03%	E	1	1
877076		N Okeechobee Rd	NW 97th Ave	1.01%	0.41%	0.60%	E	32	21	0.48%	0.09%	0.39%	W	10	15
870575	SR 826	I-75	NW 122nd St	8.03%	4.75%	3.28%	N	259	169	5.29%	2.12%	3.18%	S	113	168
870574		NW 122nd St	NW 103rd St	7.29%	3.74%	3.55%	N	235	154	4.34%	1.08%	3.27%	S	93	138
870553		NW 103rd St	N Okeechobee Rd	6.47%	3.19%	3.28%	N	208	137	3.41%	0.52%	2.89%	S	73	108
860088	Pines Blvd	I-75	SW 160th Ave	3.20%	2.14%	1.06%	E	103	68	2.78%	1.88%	0.89%	W	59	88
860087		SW 160th Ave	SW 172th Ave	1.56%	1.16%	0.41%	E	50	33	1.34%	1.03%	0.31%	W	29	42
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	0.21%	0.10%	0.11%	E	7	4	0.28%	0.10%	0.17%	W	6	9
872536		Florida's Turnpike	NW 138th St	7.88%	3.57%	4.31%	E	254	166	0.21%	0.00%	0.21%	W	5	7
872536		NW 138th St	NW 107th Ave	4.83%	2.21%	2.62%	E	155	102	0.00%	0.00%	0.00%	W	0	0
872536		NW 107th Ave	Hialeah Gardens Blvd	4.71%	2.16%	2.55%	W	99	152	7.79%	2.75%	5.04%	E	248	167
870109		Hialeah Gardens Blvd	NW 103rd St	3.77%	1.80%	1.97%	W	79	121	6.85%	2.43%	4.42%	E	218	146
870109		NW 103rd St	SR 826	2.55%	1.19%	1.36%	W	54	82	5.70%	1.98%	3.72%	E	181	122
870528		SR 826	W 16th Ave (Milam Dairy Rd)	4.02%	1.81%	2.21%	W	85	129	4.73%	1.89%	2.84%	E	150	101
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	3.27%	1.56%	1.71%	W	69	105	3.71%	1.57%	2.14%	E	118	79
875252		Hialeah Expy	NW 57th Ave (Red Road)	2.92%	1.41%	1.51%	W	61	94	3.35%	1.49%	1.87%	E	106	72
875252		NW 57th Ave (Red Road)	Hialeah Dr	2.87%	1.39%	1.49%	W	61	92	3.30%	1.46%	1.84%	E	105	71
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	2.40%	1.12%	1.28%	W	51	77	2.75%	1.20%	1.56%	E	87	59
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.83%	0.34%	0.49%	W	18	27	0.62%	0.25%	0.37%	E	20	13
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.42%	0.18%	0.23%	W	9	13	0.32%	0.16%	0.16%	E	10	7
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	3.22%	1.15%	2.07%	W	68	104	2.82%	1.19%	1.63%	E	90	60
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	2.01%	0.80%	1.21%	W	42	65	0.63%	0.12%	0.51%	E	20	13
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	0.74%	0.29%	0.45%	W	16	24	0.54%	0.18%	0.36%	E	17	12
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.52%	0.31%	0.21%	W	11	17	0.48%	0.33%	0.15%	E	15	10

Diverted Trip Route Segment (Net External Trips Applied)

Table I-19: Year 2040 Socio-Economic Data on Year 2020 Roadway Network Percent Project Distribution & PM Trips

				Net External Trips						Net External Trips					
				IN =	3,471	OUT =	2,314			IN =	2,358	OUT =	3,414		
				ADM PROJECT TRIPS						GRAHAM PROJECT TRIPS					
						IN =	3,221	OUT =	2,110			IN =	2,138	OUT =	3,177
STA ID	Roadway	From	To	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	6.87%	3.72%	3.15%	N	221	145	4.88%	2.58%	2.29%	S	104	155
972526		SR 836	NW 12th Street	6.81%	3.53%	3.28%	N	219	144	4.88%	2.58%	2.29%	S	104	155
972230		NW 12th Street	NW 41th Street	8.39%	4.20%	4.19%	N	270	177	7.93%	4.47%	3.46%	S	170	252
972269		NW 41th Street	NW 74th Street	9.11%	4.64%	4.47%	N	294	192	8.93%	5.11%	3.82%	S	191	284
972268		NW 74th Street	NW 106th Street	9.56%	4.95%	4.62%	N	308	202	10.56%	6.14%	4.41%	S	226	335
972272		NW 106th Street	US 27/ Okeechobee Rd	10.87%	5.72%	5.15%	N	350	229	12.07%	6.92%	5.15%	S	258	383
972248		US 27/ Okeechobee Rd	NW 170th St	19.98%	10.47%	9.51%	N	558	507	16.01%	9.71%	6.30%	S	516	335
972248		NW 170th St	Interstate 75	15.97%	8.08%	7.89%	S	337	514	8.68%	6.87%	1.81%	N	365	96
972285		Interstate 75	CR 823/Red Rd	16.64%	7.84%	8.80%	W	351	536	13.72%	6.87%	6.85%	E	436	293
971996		CR 823/Red Rd	CR 817/NW 27th Ave	11.44%	5.50%	5.94%	W	241	369	10.25%	5.14%	5.11%	E	326	219
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	7.00%	3.16%	3.83%	W	148	225	6.45%	3.07%	3.38%	E	205	138
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	2.88%	1.34%	1.54%	S	61	93	2.84%	1.43%	1.40%	N	90	61
971902		Griffin Rd	Pines Blvd	3.88%	1.84%	2.04%	S	82	125	2.84%	1.43%	1.40%	N	90	61
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	5.46%	2.63%	2.83%	S	115	176	4.38%	2.21%	2.17%	N	139	94
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	2.54%	1.51%	1.03%	N	82	54	2.07%	1.21%	0.86%	S	44	66
862005		I-595	Royal Palm Blvd	8.04%	4.16%	3.88%	S	170	259	7.96%	3.94%	4.02%	N	253	170
862004		Royal Palm Blvd	Griffin Rd	10.04%	5.16%	4.88%	S	212	323	9.96%	4.94%	5.02%	N	317	213
862003		Griffin Rd	Sheridan St	12.04%	6.16%	5.88%	S	254	388	11.96%	5.94%	6.02%	N	380	256
862002		Sheridan St	Pines Blvd	12.04%	6.16%	5.88%	S	254	388	11.96%	5.94%	6.02%	N	380	256
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	17.67%	8.62%	9.06%	S	373	569	17.05%	8.03%	9.02%	N	542	365
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	25.16%	13.10%	12.06%	S	531	810	22.42%	11.31%	11.10%	N	712	479
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	33.89%	20.91%	12.98%	S	1,115	692	34.66%	18.52%	16.14%	N	984	858
872501		Miami Gardens Dr/NW 186 St	NW 178th St	21.07%	8.30%	12.76%	N	442	680	23.34%	7.20%	16.14%	S	383	858
872501		NW 178th St	NW 138th Street	18.33%	8.30%	10.03%	N	442	535	19.61%	7.20%	12.40%	S	383	659
872500		NW 138th Street	SR 826	14.81%	8.09%	6.72%	W	431	358	16.39%	10.20%	6.19%	E	542	329
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	3.39%	1.68%	1.70%	W	71	109	4.69%	2.32%	2.36%	E	149	100
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	1.98%	0.99%	0.98%	W	42	64	2.90%	1.49%	1.41%	E	92	62
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	1.88%	0.97%	0.92%	W	40	61	2.77%	1.45%	1.32%	E	88	59
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.09%	0.00%	0.09%	N	3	2	0.00%	0.00%	0.00%	S	0	0
n/a		NW 138th St	NW 170th St												
n/a	NW 102nd Ave	NW 170th St	NW 178th St												
n/a		NW 178th St	ADM Project Access Rd	12.26%	7.19%	5.06%	N	425	284	35.08%	18.90%	16.19%	S	827	1,198
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	36.77%	21.57%	15.19%	W	1,248	879	35.08%	18.90%	16.19%	E	1,091	934
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	34.10%	18.91%	15.19%	W	1,094	879	35.08%	18.90%	16.19%	E	1,091	934
872518		Interstate 75 Eastern Ramps	NW 87th Ave	13.44%	6.30%	7.14%	W	336	380	16.57%	7.58%	8.98%	E	403	478
872518		NW 87th Ave	NW 82nd Ave	8.52%	3.98%	4.54%	W	180	274	10.60%	4.83%	5.78%	E	337	227
872517		NW 82nd Ave	NW 77nd Ave	7.08%	3.30%	3.78%	W	149	228	8.65%	3.89%	4.76%	E	275	185
872517		NW 77nd Ave	NW 67nd Ave	4.36%	1.96%	2.40%	W	92	140	5.54%	2.40%	3.14%	E	176	119
872516		NW 67nd Ave	NW 57nd Ave	2.60%	1.14%	1.45%	W	55	84	3.21%	1.30%	1.90%	E	102	69
871233		NW 57th Ave	NW 47th Ave	1.58%	0.76%	0.83%	W	33	51	1.91%	0.85%	1.05%	E	61	41
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	35.87%	18.30%	17.57%	E	1,058	1,016	24.30%	11.33%	12.97%	W	654	749
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	36.08%	18.40%	17.67%	W	835	1,252	24.30%	11.33%	12.97%	E	830	573
878177		NW 87th Ave	NW 82nd Ave	0.47%	0.24%	0.22%	W	10	15	0.54%	0.28%	0.26%	E	17	12
9552		NW 82nd Ave	NW 78th Ave	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%	0.00%	E	0	0
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.94%	0.91%	1.03%	W	41	63	2.64%	1.18%	1.46%	E	84	56
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.67%	0.28%	0.40%	W	14	22	0.80%	0.31%	0.50%	E	26	17
877037		NW 82nd Ave	SR 826	0.42%	0.14%	0.28%	W	9	14	0.51%	0.16%	0.35%	E	16	11
878673		SR 826	NW 67th Ave	0.62%	0.34%	0.28%	W	13	20	0.59%	0.35%	0.24%	E	19	13
9256		NW 67th Ave	NW 57th Ave (Red Road)	0.01%	0.01%	0.00%	W	0	0	0.00%	0.00%	0.00%	E	0	0

Table I-19: Year 2040 Socio-Economic Data on Year 2020 Roadway Network Percent Project Distribution & PM Trips

				Net External Trips						Net External Trips					
				IN =	3,471	OUT =	2,314			IN =	2,358	OUT =	3,414		
				ADM PROJECT TRIPS						GRAHAM PROJECT TRIPS					
						IN =	3,221	OUT =	2,110			IN =	2,138	OUT =	3,177
STA ID	Roadway	From	To	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB
878684	NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	2.66%	1.36%	1.30%	E	86	56	0.09%	0.00%	0.09%	W	2	3
877048		NW 107th Ave	NW 97th Ave	2.74%	1.36%	1.39%	E	88	58	0.09%	0.00%	0.09%	W	2	3
877048		NW 97th Ave	Hialeah Gardens Blvd	1.74%	0.77%	0.97%	W	41	52	0.51%	0.25%	0.26%	E	13	14
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.62%	0.15%	0.47%	N	20	13	0.03%	0.02%	0.02%	S	1	1
878620		US 27/ Okeechobee Rd	NW 138th St	1.62%	0.68%	0.94%	N	36	50	1.00%	0.31%	0.69%	S	17	37
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.20%	0.10%	0.10%	N	5	5	0.45%	0.30%	0.15%	S	16	8
878243		NW 130th St	NW 138th St	0.06%	0.04%	0.02%	N	2	1	0.63%	0.50%	0.13%	S	26	7
878243		NW 138th St	NW 154th St	1.56%	0.83%	0.73%	N	44	39	3.25%	1.98%	1.28%	S	105	68
878243		NW 154th St	NW 170th St	3.54%	1.82%	1.71%	N	97	91	6.70%	3.70%	3.00%	S	197	159
n/a		NW 170th St	Graham Access	39.61%	20.23%	19.39%	N	1,170	1,121	6.70%	3.70%	3.00%	S	214	173
n/a		Graham Access	NW 178th St	43.22%	22.04%	21.18%	S	1,275	1,225	16.19%	7.19%	8.99%	N	415	519
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	4.56%	2.41%	2.14%	N	147	96	5.60%	3.02%	2.57%	S	120	178
878112		NW 170th St	NW 154th St	1.74%	1.01%	0.73%	N	56	37	2.10%	1.24%	0.86%	S	45	67
n/a	NW178th St	Graham Access	NW 97th Ave	13.22%	7.00%	6.22%	E	459	306	16.32%	7.19%	9.13%	W	385	557
n/a		NW 97th Ave	Iinterstate 75	19.92%	7.16%	12.76%	W	414	738	12.36%	5.21%	7.15%	E	301	413
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	1.46%	0.07%	1.39%	E	47	31	1.30%	0.05%	1.24%	W	28	41
n/a		SW 160th Ave	Interstate 75	2.10%	0.07%	2.03%	E	68	44	1.86%	0.06%	1.80%	W	40	59
n/a		Interstate 75	SW 148th Ave	4.26%	1.89%	2.37%	W	90	137	3.62%	1.54%	2.08%	E	115	77
867326		SW 148th Ave	Flamingo Rd	2.93%	1.53%	1.39%	W	62	94	2.44%	1.22%	1.22%	E	78	52
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.89%	0.34%	0.55%	W	19	29	0.14%	-0.15%	0.29%	E	4	3
877076		Hialeah Gardens Blvd	NW 89th Ave	1.63%	0.67%	0.96%	W	34	53	0.80%	0.37%	0.43%	E	25	17
878193		NW 89th Ave	NW 87th Ave	0.82%	0.27%	0.55%	W	17	26	0.15%	0.06%	0.09%	E	5	3
877041		NW 87th Ave	SR 826	0.51%	0.14%	0.36%	W	11	16	0.00%	0.00%	0.00%	E	0	0
877076		N Okeechobee Rd	NW 97th Ave	0.99%	0.39%	0.60%	E	32	21	0.10%	0.00%	0.10%	W	2	3
870575	SR 826	I-75	NW 122nd St	8.05%	4.75%	3.30%	N	259	170	8.05%	3.77%	4.28%	S	172	256
870574		NW 122nd St	NW 103rd St	7.37%	3.77%	3.61%	N	238	156	7.21%	2.52%	4.69%	S	154	229
870553		NW 103rd St	N Okeechobee Rd	6.54%	3.21%	3.33%	N	211	138	6.01%	1.79%	4.22%	S	128	191
860088	Pines Blvd	I-75	SW 160th Ave	3.22%	2.13%	1.09%	E	104	68	2.87%	1.94%	0.93%	W	61	91
860087		SW 160th Ave	SW 172th Ave	1.63%	1.23%	0.40%	E	52	34	1.43%	1.12%	0.31%	W	31	45
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	0.20%	0.10%	0.10%	E	6	4	0.27%	0.10%	0.17%	W	6	9
872536		Florida's Turnpike	NW 138th St	7.81%	3.72%	4.10%	E	252	165	2.88%	0.58%	2.30%	W	62	92
872536		NW 138th St	NW 107th Ave	5.06%	2.33%	2.74%	E	163	107	2.40%	0.38%	2.02%	W	51	76
872536		NW 107th Ave	Hialeah Gardens Blvd	4.73%	2.17%	2.56%	W	100	152	1.80%	0.04%	1.76%	E	57	39
870109		Hialeah Gardens Blvd	NW 103rd St	3.84%	1.85%	2.00%	W	81	124	1.85%	0.25%	1.59%	E	59	39
870109		NW 103rd St	SR 826	2.67%	1.25%	1.42%	W	56	86	1.37%	0.14%	1.23%	E	44	29
870528		SR 826	W 16th Ave (Milam Dairy Rd)	4.00%	1.90%	2.10%	W	84	129	2.96%	1.33%	1.63%	E	94	63
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	3.37%	1.63%	1.75%	W	71	109	2.62%	1.27%	1.35%	E	83	56
875252		Hialeah Expy	NW 57th Ave (Red Road)	3.02%	1.46%	1.56%	W	64	97	2.47%	1.21%	1.26%	E	78	53
875252		NW 57th Ave (Red Road)	Hialeah Dr	2.97%	1.44%	1.54%	W	63	96	2.43%	1.19%	1.24%	E	77	52
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	2.52%	1.19%	1.33%	W	53	81	2.07%	1.01%	1.06%	E	66	44
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.86%	0.36%	0.50%	W	18	28	0.66%	0.26%	0.39%	E	21	14
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.45%	0.21%	0.23%	W	9	14	0.34%	0.17%	0.17%	E	11	7
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	3.23%	1.16%	2.07%	W	68	104	2.87%	1.21%	1.66%	E	91	61
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	1.97%	0.79%	1.18%	W	41	63	0.61%	0.09%	0.52%	E	19	13
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	0.77%	0.31%	0.46%	W	16	25	0.62%	0.19%	0.42%	E	20	13
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.52%	0.31%	0.22%	W	11	17	0.50%	0.34%	0.16%	E	16	11

Diverted Trip Route Segment (Net External Trips Applied)

11. NW 154TH AND NW 170TH BRIDGE ANALYSES

At the request of MDC, several model runs were also completed to evaluate the impact of the ADM and the Graham Projects IF either a NW 154th St and/or the NW 170th St new bridge over I-75 were to be included in the Projects' analyses. The connections would, if implemented, occur between their existing termini at east of I-75 near NW 87th Avenue to NW 97th Ave west of I-75. A supporting traffic impact analysis for four separate model runs is included in **Appendix I-N** for respectively the year 2020 and the year 2040. The overall eight model runs prepared for the review consist of the following:

- Year 2020 Baseline Run (No Bridges)
- Year 2020 with NW 154th Bridge Only
- Year 2020 with NW 170th Bridge Only
- Year 2020 with Both NW 154th and NW 170th Bridges
- Year 2040 Baseline Run (No Bridges)
- Year 2040 with NW 154th Bridge Only
- Year 2040 with NW 170th Bridge Only
- Year 2040 with Both NW 154th and NW 170th Bridges

The results of the findings are also summarized in the supporting study.

12. TRANSIT ACCOMMODATIONS

Both the ADM and the Graham Sites are fully committed to providing accommodations for transit services to and from their developments. A description of each of their transit commitments are presented.

American Dream Mall Transit

The ADM is a unique mall which will draw not only local but also a large number of tourist visitors. With approximately 6.2 million gross square feet of retail and entertainment space, plus 2000 hotel rooms, the Mall is expected to serve a significant number of overall visitors. Preliminary estimates anticipate that some 40 million visitors will come to ADM per year. Approximately 35,000 vehicles are estimated to visit the Site on a daily basis equating to 70,000 vehicle total trips (inbound plus outbound). This estimate includes consideration for higher vehicle occupancy rates associated with family visitors, as well as transit riders. ADM is planning to operate approximately 20 shuttle-type buses to and from its Site, depending on ridership needs. The focus of the shuttle services will be to provide direct connections to such tourist origins and destinations as the Fort Lauderdale-Hollywood International Airport, the Port Everglades seaport in Fort Lauderdale, the Miami International Airport, and the Port Miami seaport. The services will also provide connections from the nearby park-and-ride facility

located to the north of ADM off of Miami Gardens Drive and the nearby Graham Project Site as needed. Other large tourist centers will also be served based on ridership potential, to ensure that travelers in the area have the opportunity to easily have access to the Site. Furthermore, the applicant will obviously welcome any private or government transit service which desires to have connection to the mall, included but not limited to local hotel shuttles and local bus services. To facilitate the projected extensive transit services to the Site, a multi-modal transit station will be located directly within the mall area with convenient access to the retail and entertainment facilities on-site and will accommodate ADM, private and local transit services. The forecast shuttle buses will include on-site services that allow travelers can go from one area to another and to improve accessibility to key parking areas.

Shuttle buses can generally accommodate around 40 passengers per vehicle. Therefore, if the 20 shuttle buses are fully occupied they could carry some 800 visitors at any given time (20 buses X 40 passengers). In this example, if the conservative estimate of 2.5 persons per private vehicle were applied, the shuttles would remove up to 320 private vehicles from the various approach roads (800/2.5 persons per vehicle). The amount of shuttle trips would obviously vary throughout the day, with the higher numbers of occupants during peak periods of the Mall. Regardless, the shuttle services on a daily, as well as annual basis, would represent a substantial number of trips. In addition to the ADM-operated shuttle service trips there would likely be separately operated private and/or agency transit vehicles. For the existing Mall of America Site, shuttle services represent approximately 8 percent of the total trips plus there are some 10.8 percent light rail transit trips. This establishes the fact that there will be a great desire for visitors to use non-single occupancy vehicle options and that ADM will be well suited to accommodate these travelers. Again, the vehicle trip generation forecasts for the ADM site include consideration to multi-person family trips as well as automobile transit vehicles.

The Graham Project Transit

To support the American Dream Multi-Modal Transit Station (aka the American Dream Station), the Graham Companies will (in coordination with Miami-Dade Transit, the American Dream Developers and Municipal Transit Services) construct or cause to be constructed a northbound and southbound Transit Stop with Shelters to be located along NW 102 Avenue in close proximity to and located with the intention of serving the future development of the Graham Companies` retail, residential and business park uses. The Graham Companies will meet with Miami-Dade Transit to review their potential plans for route extensions to ensure that local stops and transit amenities are properly located on or adjacent to the roadway network serving the Amendment Site.

Additional Transit Coordination

Miami-Dade County Department of Transit has prepared a separate Transit Impact Report relating to various transit need such as connections to the proposed ADM and the Graham Sites using extension of local bus services (see **Appendix I-A-17**). While the ADM applicant will welcome any non-ADM operated transit service to the Site, the purpose of the ADM shuttle-type buses is to offer transfers to and from key tourist locations in the nearby areas. The ADM services will serve exclusively travelers with one origin or destination point at the ADM Site and therefore will provide focused, expedited/express trips to those key locations without having to stop at additional non-related interim stops.

CHAPTER II: ADM FUTURE TRAFFIC IMPACTS

Build-out LOS on study area roadways was determined for the AM and PM peak hours by comparing future traffic volumes to the associated LOS volume standards and MSV for each facility. At the request of Miami-Dade County and other agencies, this analysis was performed for each direction of travel throughout the study area. Where a volume exceeds the adopted maximum service volume (MSV) for a facility, a build-out LOS deficiency may exist and is identified in the analysis.

The impacts associated with the ADM Site are separated into the following analyses:

Year 2020 Concurrency
- Year 2020 PM Concurrency Link Analysis

Year 2020 CDMP
- Year 2020 AM CDMP Link Analysis
- Year 2020 PM CDMP Link Analysis

Year 2020 Zoning
- Year 2020 AM Zoning Link Analysis
- Year 2020 PM Zoning Link Analysis
- Year 2020 AM Zoning Intersection Analyses
- Year 2020 PM Zoning Intersection Analyses

Year 2040 CDMP
- Year 2040 AM CDMP Link Analysis
- Year 2040 PM CDMP Link Analysis

Year 2040 Zoning
- Year 2040 AM Zoning Link Analysis
- Year 2040 PM Zoning Link Analysis
- Year 2040 AM Zoning Intersection Analyses
- Year 2040 PM Zoning Intersection Analyses

Supporting Information
- Year 2020 Impact Fee Assessment
- Air Quality Review
- Year 2020 and Year 2040 Weekend Review

This represents seven roadway link traffic impact LOS reviews, four intersection analyses, one impact fee assessment, one air quality review, and one weekend review for the ADM Project. The approach and the findings are documented for each in the subsequent information prepared for Chapter II.

1.0 YEAR 2020 PM CONCURRENCY ANALYSIS

As described in the background information found in Chapter I, the Concurrency was developed by adding the MDC RER and other requested vested trips to the Year 2015 traffic count directional PHPs. The process for preparing the Concurrency background trips was demonstrated in **Table I-13**. The background trips previously described serve as the basis for the ADM Concurrency analysis. The ADM trips were added to the background trips to obtain total trips by the year 2020. The Year 2020 ADM project trips were identified in **Table I-17**.

The total trips were compared to the year 2020 MSVs and LOS operations were established for each link, with detailed derivations provided in **Appendix I-E**. The links were identified as either "Pass" or "Fail" the adopted LOS and if it failed a determination of whether the deficiency was due to backlogged conditions (e.g. background) or the total trips was identified. Those links which fail due to just the total trips and which meet the five percent (5%) of MSV criteria of significance are Project improvements.

Table II-1 shows the ADM level of service analysis for the Year 2020 PM Concurrency review. A detailed summary of the deficiencies and mitigations are provided in the section titled Mitigation Summary at the end of this Chapter.

2.0 YEAR 2020 AM AND PM CDMP ANALYSES

For the Year 2020 CDMP traffic impact review, the **Table I-17** Year 2020 project trips were consulted for the ADM (the project trips analyzed).

The total trips were compared to the year 2020 MSVs and LOS operations were established for each link. The links were identified as either "Pass" or "Fail" the adopted LOS and if it failed a determination of whether the deficiency was due to backlogged conditions (e.g. background with Graham trips) or the total trips was identified. Those links which fail due to just the total trips and which meet the five percent (5%) of MSV criteria of significance are Project improvements.

Tables II-2A and **II-2B** shows the ADM AM and PM level of service analyses for the Year 2020 CDMP review. A detailed summary of the deficiencies and mitigations are provided in the section titled Mitigation Summary at the end of this Chapter.

Table II-1: Concurrency Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - ADM PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	3,221	OUT =	2,110	Dir Analysis		% Adopt LOS								
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	5,291	B	7,854	D	7.22%	3.84%	3.38%	N	232	152	2.54%	1.66%		5,523	B	8,006	D	Pass	
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	3,589	B	4,728	B	7.08%	3.70%	3.38%	N	228	149	2.49%	1.63%		3,817	B	4,877	B	Pass	
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	5,297	B	7,497	C	8.78%	4.42%	4.36%	N	283	185	3.09%	2.02%		5,580	B	7,683	D	Pass	
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	6,529	C	7,178	C	9.52%	4.89%	4.64%	N	307	201	3.35%	2.19%		6,835	C	7,379	C	Pass	
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	6,527	C	5,749	C	9.95%	5.10%	4.85%	N	320	210	3.50%	2.29%		6,848	C	5,959	C	Pass	
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	7,405	C	4,882	B	11.22%	5.84%	5.38%	N	361	237	3.94%	2.58%		7,767	D	5,118	B	Pass	
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	6,327	C	4,203	B	20.84%	10.80%	10.04%	N	576	535	6.28%	5.84%	Y	6,903	C	4,739	B	Pass	
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	6,834	C	4,540	B	17.57%	8.89%	8.68%	S	371	566	4.05%	6.18%	Y	7,205	C	5,106	B	Pass	
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	3,661	B	2,680	B	18.09%	8.32%	9.77%	W	382	583	5.21%	7.95%	Y	4,042	B	3,263	B	Pass	
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	4,106	B	3,992	B	12.61%	5.91%	6.70%	W	266	406	3.63%	5.54%	Y	4,372	B	4,398	B	Pass	
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	4,067	B	3,954	B	7.97%	3.49%	4.48%	W	168	257	2.29%	3.50%		4,235	B	4,210	B	Pass	
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	6,647	D	6,157	D	3.79%	1.86%	1.93%	S	80	122	1.09%	1.67%		6,727	D	6,279	D	Pass	
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	6,412	F	7,016	F	4.79%	2.36%	2.43%	S	101	154	1.84%	2.80%		6,513	F	7,170	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	6,648	D	6,586	D	6.33%	3.10%	3.23%	S	134	204	1.82%	2.79%		6,781	D	6,789	D	Pass	
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	5,103	C	4,344	B	2.64%	1.75%	0.89%	N	85	56	1.16%	0.76%		5,188	C	4,400	B	Pass	
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	6,877	C	6,547	B	8.03%	4.11%	3.92%	S	169	259	1.54%	2.35%		7,047	C	6,805	C	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	6,065	B	5,434	B	10.03%	5.11%	4.92%	S	212	323	1.93%	2.94%		6,276	B	5,757	B	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	4,426	B	4,019	B	12.03%	6.11%	5.92%	S	254	387	2.31%	3.53%		4,680	B	4,406	B	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	6,707	B	6,193	B	12.03%	6.11%	5.92%	S	254	387	1.97%	3.01%		6,961	B	6,580	B	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	7,490	B	5,092	B	17.89%	8.44%	9.45%	S	377	576	2.93%	4.47%		7,867	B	5,668	B	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	6,946	B	5,355	B	26.12%	13.54%	12.58%	S	551	841	3.51%	5.35%	Y	7,497	B	6,196	B	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	6,839	B	4,618	B	34.14%	20.46%	13.68%	S	1,091	729	8.47%	5.66%	Y	7,929	C	5,347	B	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	10,700	10,980	12,160	6,693	B	3,770	B	21.25%	7.83%	13.42%	N	417	715	3.80%	6.51%	Y	7,111	B	4,485	B	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	6,761	C	3,808	B	17.49%	7.83%	9.66%	N	417	515	3.80%	4.69%		7,179	C	4,323	B	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	4,085	B	6,665	B	14.60%	7.83%	6.77%	W	417	361	3.80%	3.29%		4,503	B	7,026	C	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	1,450	B	2,985	B	2.27%	1.09%	1.18%	W	48	73	0.87%	1.33%		1,498	B	3,058	B	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	2,179	B	2,702	B	1.18%	0.62%	0.56%	W	25	38	0.45%	0.69%		2,204	B	2,740	B	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	1,502	B	1,946	B	1.07%	0.59%	0.48%	W	23	34	0.41%	0.62%		1,524	B	1,980	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,719	1,800	1,800	334	C	400	C	0.15%	0.05%	0.10%	N	5	3	0.27%	0.17%		339	C	403	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	-																							
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	-																							
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	2,000	0	n/a	0	n/a	13.98%	9.09%	4.89%	N	485	323	26.95%	17.97%	Y	485	C	323	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	0	n/a	0	n/a	41.93%	27.28%	14.66%	W	1,578	848	43.54%	23.39%	Y	1,578	C	848	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	0	n/a	0	n/a	34.20%	19.55%	14.66%	W	1,131	848	31.20%	23.39%	Y	1,131	C	848	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	2,785	F	1,214	C	14.08%	6.92%	7.16%	W	369	382	15.36%	15.91%	Y	3,154	F	1,596	C	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	2,572	F	1,121	C	8.76%	4.29%	4.47%	W	185	282	7.70%	11.75%	Y	2,757	F	1,403	C	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,438	C	1,709	C	7.06%	3.30%	3.76%	W	149	227	6.21%	9.47%	Y	1,587	C	1,936	C	Pass	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,438	C	1,709	C	4.28%	2.02%	2.26%	W	90	138	3.76%	5.74%	Y	1,528	C	1,846	C	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,330	C	1,558	C	2.53%	1.19%	1.33%	W	53	81	2.22%	3.39%		1,383	C	1,640	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	811	C	913	C	1.35%	0.67%	0.68%	W	28	43	0.78%	1.20%		840	C	956	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	3,020	0	n/a	0	n/a	38.43%	19.46%	18.96%	E	1,126	1,097	41.42%	40.36%	Y	1,126	C	1,097	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	3,020	0	n/a	0	n/a	38.94%	19.72%	19.22%	W	901	1,352	33.15%	49.73%	Y	901	C	1,352	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	459	D	373	D	0.47%	0.26%	0.21%	W	10	15	1.46%	2.23%		469	D	388	D	Pass	
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	444	D	361	D	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%		444	D	361	D	Pass	
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	329	C	371	C	2.35%	1.33%	1.03%	W	50	76	2.76%	4.21%		379	C	446	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,052	C	1,028	C	0.67%	0.26%	0.41%	W	14	22	0.79%	1.21%		1,066	C	1,050	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	1,035	C	1,237	C	0.43%	0.13%	0.30%	W	9	14	0.50%	0.77%		1,044	C	1,250	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	653	C	662	C	0.57%	0.30%	0.28%	W	12	18	0.71%	1.09%		665	C	680	C	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	786	D	653	C	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%		786	D	653	C	Pass	
878684	NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	1.00	4	E	1,910	2,000	2,000	1,164	C	979	C	2.60%	1.26%	1.34%	E	84	55	4.18%	2.74%		1,247	C	1,034	C	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	E	2,940	3,020	3,020	1,265	C	1,034	C	2.75%	1.31%	1.44%	E	88	58	2.93%	1.92%		1,354	C	1,092	C	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	E	2,940	3,020	3,020	1,272	C	1,027	C	1.47%	0.54%	0.93%	W	29	49	0.95%	1.64%		1,301	C	1,076	C	Pass	

Table II-1: Concurrency Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - ADM PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	3,221	OUT =	2,110	Dir Analysis		% Adopt LOS								
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	1,497	C	1,151	C	0.41%	0.10%	0.32%	N	13	9	0.44%	0.29%		1,510	C	1,160	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	1,318	C	1,120	C	1.36%	0.64%	0.72%	N	34	38	1.71%	1.92%		1,352	C	1,158	C	Pass	
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	499	C	429	C	0.22%	0.11%	0.11%	N	6	6	0.77%	0.75%		505	C	435	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	499	C	428	C	0.18%	0.18%	0.00%	N	10	0	1.21%	0.00%		509	C	428	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	657	C	526	C	1.76%	1.12%	0.64%	N	60	34	3.31%	1.90%		717	C	561	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	0	n/a	0	n/a	3.51%	2.00%	1.52%	N	106	81	13.43%	10.20%	Y	106	C	81	C	Pass	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	2,000	0	n/a	0	n/a	42.39%	21.68%	20.71%	N	1,254	1,198	69.68%	66.54%	Y	1,254	C	1,198	C	Pass	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	2,000	0	n/a	0	n/a	43.01%	21.99%	21.01%	S	1,272	1,216	70.68%	67.53%	Y	1,272	C	1,216	C	Pass	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,682	C	2,019	F	4.93%	2.50%	2.43%	N	159	104	8.82%	5.78%	Y	1,841	F	2,123	F	Fail	Y
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	236	C	376	C	1.69%	1.00%	0.69%	N	54	36	3.03%	1.98%		290	C	412	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	2,000	0	n/a	0	n/a	10.20%	5.60%	4.60%	E	354	236	19.67%	13.11%	Y	354	C	236	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	2,000	0	n/a	0	n/a	15.08%	1.66%	13.42%	W	96	776	5.34%	43.11%	Y	96	C	776	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	1,344	C	1,865	C	1.61%	0.08%	1.53%	E	52	34	1.72%	1.12%		1,395	C	1,899	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	2,786	C	3,257	F	2.60%	0.09%	2.51%	E	84	55	2.77%	1.81%		2,870	C	3,312	F	Fail	Y
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	3,020	2,282	C	1,862	C	4.46%	2.01%	2.45%	W	94	144	2.33%	3.55%		2,376	C	2,006	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	1,833	C	2,018	C	3.04%	1.64%	1.40%	W	64	98	2.13%	3.25%		1,897	C	2,116	C	Pass	
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	657	1,467	1,530	1,141	D	1,066	D	1.13%	0.51%	0.63%	W	24	37	1.63%	2.49%		1,165	D	1,102	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	657	1,467	1,530	1,153	D	1,054	D	1.80%	0.80%	0.99%	W	38	58	2.58%	3.95%		1,191	D	1,112	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	657	1,467	1,530	836	D	787	D	1.13%	0.47%	0.65%	W	24	36	1.62%	2.47%		860	D	823	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	657	1,467	1,530	618	C	786	D	0.74%	0.32%	0.41%	W	16	24	1.06%	1.62%		634	C	810	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	747	792	792	1,129	F	1,079	F	1.24%	0.56%	0.68%	E	40	26	5.05%	3.31%	Y	1,169	F	1,105	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	6,979	C	6,921	C	8.98%	5.27%	3.71%	N	289	189	3.16%	2.07%		7,268	C	7,110	C	Pass	
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	8,867	D	9,019	D	8.36%	4.22%	4.13%	N	269	176	2.94%	1.92%		9,136	D	9,195	E	Fail	
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	11,527	E	7,595	C	7.52%	3.68%	3.84%	N	242	159	2.21%	1.45%		11,769	E	7,754	C	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	2,207	C	2,481	C	3.31%	2.41%	0.90%	E	107	70	3.54%	2.32%		2,314	C	2,551	C	Pass	
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	1,565	C	1,761	C	1.80%	1.35%	0.45%	E	58	38	1.92%	1.26%		1,623	C	1,799	C	Pass	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	1,053	C	380	C	0.25%	0.12%	0.13%	E	8	5	0.52%	0.34%		1,061	C	385	C	Pass	
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	986	C	1,460	C	8.68%	4.19%	4.49%	E	280	183	9.26%	6.06%	Y	1,266	C	1,643	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	938	C	1,508	C	6.04%	2.92%	3.12%	E	194	127	6.44%	4.22%	Y	1,132	C	1,636	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	938	C	1,508	C	5.83%	2.83%	3.01%	W	123	188	4.07%	6.22%	Y	1,061	C	1,696	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	2,053	C	2,109	C	4.63%	2.29%	2.34%	W	98	149	3.23%	4.93%		2,151	C	2,258	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	2,051	C	1,996	C	3.43%	1.67%	1.76%	W	72	110	2.39%	3.65%		2,124	C	2,106	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,126	C	1,979	C	5.39%	2.68%	2.70%	W	114	173	3.76%	5.74%	Y	2,240	C	2,153	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,174	C	2,250	C	4.58%	2.36%	2.21%	W	97	147	3.20%	4.88%		2,271	C	2,397	C	Pass	
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,174	C	2,250	C	4.13%	2.17%	1.97%	W	87	133	2.89%	4.41%		2,261	C	2,383	C	Pass	
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,174	C	2,250	C	4.09%	2.14%	1.94%	W	86	132	2.86%	4.36%		2,260	C	2,381	C	Pass	
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	2,650	C	2,279	C	3.61%	1.89%	1.72%	W	76	116	2.52%	3.85%		2,726	C	2,395	C	Pass	
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	1,035	C	1,257	C	0.79%	0.31%	0.48%	W	17	25	0.61%	0.94%		1,052	C	1,283	C	Pass	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,386	C	1,560	C	0.42%	0.18%	0.25%	W	9	14	0.25%	0.38%		1,395	C	1,573	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	1,806	C	1,677	C	3.41%	1.23%	2.19%	W	72	110	2.38%	3.64%		1,878	C	1,787	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	1,626	C	1,758	C	2.06%	0.88%	1.18%	W	44	66	1.44%	2.20%		1,670	C	1,824	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	2,033	C	1,470	C	0.93%	0.44%	0.49%	W	20	30	0.72%	1.10%		2,052	C	1,500	C	Pass	
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	2,080	C	1,254	C	0.62%	0.36%	0.27%	W	13	20	0.48%	0.74%		2,093	C	1,274	C	Pass	

Volume from Model

Diverted Trip Route Segment (Net External Trips Applied)

Fails with total trips but Project % of Adopted LOS does not exceed 5%

Table II-2A: CDMP Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - ADM AM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	558	OUT =	596	Dir Analysis		% Adopt LOS								
										NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
							LOS C	LOS D	LOS E																			
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	10,242	F	4,954	B	7.22%	3.84%	3.38%	S	40	43	0.44%	0.47%		10,283	F	4,997	B	Fail	Y
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	6,046	C	3,609	B	7.08%	3.70%	3.38%	S	40	42	0.43%	0.46%		6,086	C	3,651	B	Pass	
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	7,579	C	5,828	C	8.78%	4.42%	4.36%	S	49	52	0.54%	0.57%		7,628	D	5,880	C	Pass	
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	7,273	C	7,891	D	9.52%	4.89%	4.64%	S	53	57	0.58%	0.62%		7,326	C	7,948	D	Pass	
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	6,019	C	7,634	D	9.95%	5.10%	4.85%	S	56	59	0.61%	0.65%		6,074	C	7,694	D	Pass	
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	5,122	B	8,266	D	11.22%	5.84%	5.38%	S	63	67	0.68%	0.73%		5,185	B	8,333	D	Pass	
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	4,342	B	7,287	C	20.84%	10.80%	10.04%	S	125	116	1.36%	1.27%		4,467	B	7,403	C	Pass	
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	4,694	B	7,877	D	17.57%	8.89%	8.68%	N	105	98	1.14%	1.07%		4,799	B	7,975	D	Pass	
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	2,671	B	4,046	B	18.09%	8.32%	9.77%	E	108	101	1.47%	1.38%		2,778	B	4,146	B	Pass	
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	4,602	C	4,641	C	12.61%	5.91%	6.70%	E	75	70	1.03%	0.96%		4,677	C	4,712	C	Pass	
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	4,557	C	4,597	C	7.97%	3.49%	4.48%	E	48	44	0.65%	0.61%		4,605	C	4,641	C	Pass	
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	7,514	E	6,188	D	3.79%	1.86%	1.93%	N	23	21	0.31%	0.29%		7,537	E	6,209	D	Fail	Y
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	7,387	F	7,025	F	4.79%	2.36%	2.43%	N	29	27	0.52%	0.49%		7,415	F	7,052	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	6,908	D	6,686	D	6.33%	3.10%	3.23%	N	38	35	0.52%	0.48%		6,946	D	6,721	D	Pass	
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	4,335	B	4,897	C	2.64%	1.75%	0.89%	S	15	16	0.20%	0.22%		4,350	B	4,913	C	Pass	
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	7,361	C	7,053	C	8.03%	4.11%	3.92%	N	48	45	0.44%	0.41%		7,409	C	7,098	C	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	7,615	C	3,196	B	10.03%	5.11%	4.92%	N	60	56	0.54%	0.51%		7,674	C	3,252	B	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	6,073	B	6,939	C	12.03%	6.11%	5.92%	N	72	67	0.65%	0.61%		6,145	B	7,006	C	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	5,690	B	8,267	C	12.03%	6.11%	5.92%	N	72	67	0.56%	0.52%		5,762	B	8,335	C	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	6,232	B	6,943	B	17.89%	8.44%	9.45%	N	107	100	0.83%	0.78%		6,339	B	7,043	B	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	6,153	B	8,957	B	26.12%	13.54%	12.58%	N	156	146	0.99%	0.93%		6,309	B	9,103	B	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	4,996	B	7,650	B	34.14%	20.46%	13.68%	N	236	158	1.83%	1.23%		5,232	B	7,808	B	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	10,700	10,980	12,160	3,189	B	6,622	B	21.25%	7.83%	13.42%	S	90	155	0.82%	1.41%		3,279	B	6,777	B	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	3,189	B	6,622	B	17.49%	7.83%	9.66%	S	90	111	0.82%	1.02%		3,279	B	6,734	B	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	6,702	B	3,752	B	14.60%	7.83%	6.77%	E	90	78	0.82%	0.71%		6,793	C	3,830	B	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	2,783	B	1,622	B	2.27%	1.09%	1.18%	E	14	13	0.25%	0.23%		2,796	B	1,635	B	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	2,182	B	1,559	B	1.18%	0.62%	0.56%	E	7	7	0.13%	0.12%		2,189	B	1,566	B	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	2,218	B	1,264	B	1.07%	0.59%	0.48%	E	6	6	0.12%	0.11%		2,225	B	1,270	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,719	1,800	1,800	421	C	351	C	0.15%	0.05%	0.10%	S	1	1	0.05%	0.05%		421	C	352	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	-	D	NOT 2020 LINK																					
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	-	D	NOT 2020 LINK																					
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	1,800	234	C	195	C	13.98%	9.09%	4.89%	S	84	91	4.67%	5.06%	Y	318	C	286	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	234	C	195	C	41.93%	27.28%	14.66%	E	342	184	9.43%	5.06%	Y	575	C	378	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	1,181	C	986	C	34.20%	19.55%	14.66%	E	245	184	6.75%	5.06%	Y	1,426	C	1,170	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	803	C	2,679	F	14.08%	6.92%	7.16%	E	80	83	3.33%	3.45%		883	C	2,761	F	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	803	C	2,679	F	8.76%	4.29%	4.47%	E	52	49	2.18%	2.04%		855	C	2,728	F	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,450	C	965	C	7.06%	3.30%	3.76%	E	42	39	1.75%	1.64%		1,493	C	1,004	C	Pass	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,450	C	965	C	4.28%	2.02%	2.26%	E	26	24	1.06%	1.00%		1,476	C	989	C	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,143	C	824	C	2.53%	1.19%	1.33%	E	15	14	0.63%	0.59%		1,158	C	838	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	788	C	653	C	1.35%	0.67%	0.68%	E	8	8	0.22%	0.21%		796	C	661	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	2,718	676	C	810	C	38.43%	19.46%	18.96%	W	244	238	8.97%	8.74%	Y	920	C	1,048	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	2,718	444	C	532	C	38.94%	19.72%	19.22%	E	254	234	9.33%	8.61%	Y	698	C	766	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	776	F	779	F	0.47%	0.26%	0.21%	E	3	3	0.41%	0.39%		779	F	781	F	Fail	Y
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	776	F	779	F	0.00%	0.00%	0.00%	E	0	0	0.00%	0.00%		776	F	779	F	Fail	Y
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	744	C	375	C	2.35%	1.33%	1.03%	E	14	13	0.78%	0.73%		758	C	388	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,333	C	1,088	C	0.67%	0.26%	0.41%	E	4	4	0.22%	0.21%		1,337	C	1,091	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	770	C	732	C	0.43%	0.13%	0.30%	E	3	2	0.14%	0.13%		773	C	734	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	864	D	604	C	0.57%	0.30%	0.28%	E	3	3	0.20%	0.19%		868	D	607	C	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	970	D	705	C	0.00%	0.00%	0.00%	E	0	0	0.00%	0.00%		970	D	705	C	Pass	
878684	NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	1.00	4	E	1,910	2,000	2,000	590	C	808	C	2.60%	1.26%	1.34%	W	14	15	0.72%	0.77%		605	C	824	C	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	E	2,940	3,020	3,020	705	C	1,152	C	2.75%	1.31%	1.44%	W	15	16	0.51%	0.54%		720	C	1,168	C	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	E	2,940	3,020	3,020	705	C	1,152	C	1.47%	0.54%	0.93%	E	6	11	0.21%	0.35%		711	C	1,162	C	Pass	

Table II-2A: CDMP Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - ADM AM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	558	OUT =	596	Dir Analysis		% Adopt LOS								
										NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
							LOS C	LOS D	LOS E																			
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	920	C	1,235	C	0.41%	0.10%	0.32%	S	2	2	0.08%	0.08%		923	C	1,238	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	752	C	1,010	C	1.36%	0.64%	0.72%	S	7	8	0.37%	0.42%		759	C	1,018	C	Pass	
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	402	C	245	C	0.22%	0.11%	0.11%	S	1	1	0.17%	0.16%		403	C	246	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	402	C	245	C	0.18%	0.18%	0.00%	S	2	0	0.26%	0.00%		404	C	245	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	402	C	245	C	1.76%	1.12%	0.64%	S	13	7	0.72%	0.41%		414	C	252	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	402	C	245	C	3.51%	2.00%	1.52%	S	23	17	2.91%	2.21%		425	C	262	C	Pass	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	1,800	629	C	525	C	42.39%	21.68%	20.71%	S	272	259	15.09%	14.41%	Y	900	C	784	C	Pass	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	1,800	612	C	511	C	43.01%	21.99%	21.01%	N	275	263	15.30%	14.62%	Y	888	C	774	C	Pass	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,377	C	1,083	C	4.93%	2.50%	2.43%	S	28	29	1.53%	1.63%		1,404	C	1,113	C	Pass	
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	614	C	305	C	1.69%	1.00%	0.69%	S	9	10	0.52%	0.56%		624	C	315	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	1,800	430	C	359	C	10.20%	5.60%	4.60%	W	61	66	3.41%	3.69%		491	C	425	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	1,800	297	C	248	C	15.08%	1.66%	13.42%	E	21	168	1.16%	9.33%	Y	318	C	416	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	1,739	C	1,217	C	1.61%	0.08%	1.53%	W	9	10	0.30%	0.32%		1,748	C	1,227	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	2,828	C	1,957	C	2.60%	0.09%	2.51%	W	14	15	0.48%	0.51%		2,842	C	1,973	C	Pass	
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	4,040	2,272	C	1,882	C	4.46%	2.01%	2.45%	E	27	25	0.66%	0.62%		2,298	C	1,907	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	2,186	C	2,006	C	3.04%	1.64%	1.40%	E	18	17	0.60%	0.56%		2,204	C	2,023	C	Pass	
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	657	1,467	1,530	964	D	921	D	1.13%	0.51%	0.63%	E	7	6	0.46%	0.43%		971	D	927	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	657	1,467	1,530	964	D	921	D	1.80%	0.80%	0.99%	E	11	10	0.73%	0.68%		974	D	931	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	657	1,467	1,530	966	D	810	D	1.13%	0.47%	0.65%	E	7	6	0.46%	0.43%		973	D	816	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	657	1,467	1,530	491	C	759	D	0.74%	0.32%	0.41%	E	4	4	0.30%	0.28%		495	C	763	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	747	792	792	1,170	F	1,119	F	1.24%	0.56%	0.68%	W	7	7	0.87%	0.93%		1,177	F	1,126	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	7,343	C	6,038	C	8.98%	5.27%	3.71%	S	50	54	0.55%	0.58%		7,394	C	6,091	C	Pass	
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	7,782	D	9,513	E	8.36%	4.22%	4.13%	S	47	50	0.51%	0.54%		7,828	D	9,563	E	Fail	Y
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	9,282	D	11,199	E	7.52%	3.68%	3.84%	S	42	45	0.38%	0.41%		9,324	D	11,244	E	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	3,168	F	1,868	C	3.31%	2.41%	0.90%	W	18	20	0.61%	0.65%		3,186	F	1,887	C	Fail	Y
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	2,088	C	1,643	C	1.80%	1.35%	0.45%	W	10	11	0.33%	0.36%		2,098	C	1,654	C	Pass	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	294	C	1,488	C	0.25%	0.12%	0.13%	W	1	1	0.09%	0.10%		296	C	1,490	C	Pass	
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	1,311	C	1,011	C	8.68%	4.19%	4.49%	W	48	52	1.60%	1.71%		1,359	C	1,063	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	1,311	C	1,011	C	6.04%	2.92%	3.12%	W	34	36	1.12%	1.19%		1,344	C	1,047	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	1,311	C	1,011	C	5.83%	2.83%	3.01%	E	35	33	1.15%	1.08%		1,345	C	1,044	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	1,612	C	1,690	C	4.63%	2.29%	2.34%	E	28	26	0.91%	0.85%		1,640	C	1,716	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	1,612	C	1,690	C	3.43%	1.67%	1.76%	E	20	19	0.68%	0.63%		1,632	C	1,709	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,250	C	1,701	C	5.39%	2.68%	2.70%	E	32	30	1.06%	1.00%		2,282	C	1,731	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,167	C	1,854	C	4.58%	2.36%	2.21%	E	27	26	0.90%	0.85%		2,194	C	1,879	C	Pass	
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,167	C	1,854	C	4.13%	2.17%	1.97%	E	25	23	0.82%	0.76%		2,191	C	1,877	C	Pass	
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,167	C	1,854	C	4.09%	2.14%	1.94%	E	24	23	0.81%	0.76%		2,191	C	1,876	C	Pass	
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	2,342	C	3,359	F	3.61%	1.89%	1.72%	E	22	20	0.71%	0.67%		2,364	C	3,379	F	Fail	Y
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	1,828	C	1,507	C	0.79%	0.31%	0.48%	E	5	4	0.17%	0.16%		1,833	C	1,511	C	Pass	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,311	C	1,256	C	0.42%	0.18%	0.25%	E	3	2	0.07%	0.07%		1,313	C	1,259	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	1,642	C	1,479	C	3.41%	1.23%	2.19%	E	20	19	0.67%	0.63%		1,662	C	1,498	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	1,916	C	2,146	C	2.06%	0.88%	1.18%	E	12	12	0.41%	0.38%		1,928	C	2,158	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	1,451	C	2,368	C	0.93%	0.44%	0.49%	E	6	5	0.20%	0.19%		1,456	C	2,373	C	Pass	
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	1,444	C	2,036	C	0.62%	0.36%	0.27%	E	4	3	0.14%	0.13%		1,447	C	2,040	C	Pass	

Volume from Model

Diverted Trip Route Segment (Net External Trips Applied)

Fails with total trips but Project % of Adopted LOS does not exceed 5%

Table II-2B: CDMP Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - ADM PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	3,221	OUT =	2,110	Dir Analysis		% Adopt LOS		Study Area Link?						
										NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB		NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
							LOS C	LOS D	LOS E																			
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	5,957	C	8,843	D	7.22%	3.84%	3.38%	N	232	152	2.54%	1.66%		6,190	C	8,995	D	Pass	
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	4,161	B	5,481	B	7.08%	3.70%	3.38%	N	228	149	2.49%	1.63%		4,389	B	5,630	C	Pass	
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	6,140	C	8,692	D	8.78%	4.42%	4.36%	N	283	185	3.09%	2.02%		6,423	C	8,877	D	Pass	
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	7,568	C	8,321	D	9.52%	4.89%	4.64%	N	307	201	3.35%	2.19%		7,875	D	8,522	D	Pass	
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	7,567	C	6,665	C	9.95%	5.10%	4.85%	N	320	210	3.50%	2.29%		7,887	D	6,875	C	Pass	
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	8,510	D	5,610	B	11.22%	5.84%	5.38%	N	361	237	3.94%	2.58%		8,871	D	5,847	C	Pass	
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	7,262	C	4,825	B	20.84%	10.80%	10.04%	N	576	535	6.28%	5.84%	Y	7,838	D	5,360	B	Pass	
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	7,850	D	5,215	B	17.57%	8.89%	8.68%	S	371	566	4.05%	6.18%	Y	8,221	D	5,781	C	Pass	
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	4,244	B	3,107	B	18.09%	8.32%	9.77%	W	382	583	5.21%	7.95%	Y	4,625	C	3,689	B	Pass	
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	4,760	C	4,628	C	12.61%	5.91%	6.70%	W	266	406	3.63%	5.54%	Y	5,026	C	5,034	C	Pass	
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	4,714	C	4,583	C	7.97%	3.49%	4.48%	W	168	257	2.29%	3.50%		4,883	C	4,840	C	Pass	
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	6,986	D	6,471	D	3.79%	1.86%	1.93%	S	80	122	1.09%	1.67%		7,066	D	6,593	D	Pass	
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	6,739	F	7,374	F	4.79%	2.36%	2.43%	S	101	154	1.84%	2.80%		6,840	F	7,528	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	6,987	D	6,921	D	6.33%	3.10%	3.23%	S	134	204	1.82%	2.79%		7,120	D	7,125	D	Pass	
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	5,752	C	4,897	C	2.64%	1.75%	0.89%	N	85	56	1.16%	0.76%		5,837	C	4,953	C	Pass	
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	7,781	C	7,407	C	8.03%	4.11%	3.92%	S	169	259	1.54%	2.35%		7,951	C	7,666	C	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	6,862	C	6,148	B	10.03%	5.11%	4.92%	S	212	323	1.93%	2.94%		7,073	C	6,471	B	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	5,008	B	4,547	B	12.03%	6.11%	5.92%	S	254	387	2.31%	3.53%		5,261	B	4,934	B	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	7,050	B	6,509	B	12.03%	6.11%	5.92%	S	254	387	1.97%	3.01%		7,303	B	6,896	B	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	7,872	B	5,352	B	17.89%	8.44%	9.45%	S	377	576	2.93%	4.47%		8,249	C	5,928	B	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	7,457	B	5,748	B	26.12%	13.54%	12.58%	S	551	841	3.51%	5.35%	Y	8,008	B	6,590	B	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	6,978	B	4,701	B	34.14%	20.46%	13.68%	S	1,091	729	8.47%	5.66%	Y	8,068	C	5,430	B	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	10,700	10,980	12,160	6,775	B	3,817	B	21.25%	7.83%	13.42%	N	417	715	3.80%	6.51%	Y	7,193	B	4,532	B	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	6,775	C	3,817	B	17.49%	7.83%	9.66%	N	417	515	3.80%	4.69%		7,193	C	4,331	B	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	3,859	B	6,721	B	14.60%	7.83%	6.77%	W	417	361	3.80%	3.29%		4,277	B	7,082	C	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	1,437	B	2,985	B	2.27%	1.09%	1.18%	W	48	73	0.87%	1.33%		1,485	B	3,058	B	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	2,452	B	3,041	B	1.18%	0.62%	0.56%	W	25	38	0.45%	0.69%		2,477	B	3,079	B	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	1,578	B	2,045	B	1.07%	0.59%	0.48%	W	23	34	0.41%	0.62%		1,601	B	2,080	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,719	1,800	1,800	351	C	421	C	0.15%	0.05%	0.10%	N	5	3	0.27%	0.17%		356	C	424	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	-	D	OT 2020 ROADWAY LIN																				
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	-	D	OT 2020 ROADWAY LIN																				
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	1,800	195	C	234	C	13.98%	9.09%	4.89%	N	485	323	26.95%	17.97%	Y	680	C	557	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	195	C	234	C	41.93%	27.28%	14.66%	W	1,578	848	43.54%	23.39%	Y	1,773	C	1,081	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	986	C	1,181	C	34.20%	19.55%	14.66%	W	1,131	848	31.20%	23.39%	Y	2,117	C	2,029	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	2,551	F	1,112	C	14.08%	6.92%	7.16%	W	369	382	15.36%	15.91%	Y	2,920	F	1,494	C	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	2,551	F	1,112	C	8.76%	4.29%	4.47%	W	185	282	7.70%	11.75%	Y	2,736	F	1,394	C	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,450	C	1,724	C	7.06%	3.30%	3.76%	W	149	227	6.21%	9.47%	Y	1,599	C	1,952	C	Pass	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,450	C	1,724	C	4.28%	2.02%	2.26%	W	90	138	3.76%	5.74%	Y	1,541	C	1,862	C	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,282	C	1,502	C	2.53%	1.19%	1.33%	W	53	81	2.22%	3.39%		1,335	C	1,583	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	845	C	952	C	1.35%	0.67%	0.68%	W	28	43	0.78%	1.20%		874	C	996	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	2,718	810	C	676	C	38.43%	19.46%	18.96%	E	1,126	1,097	41.42%	40.36%	Y	1,936	C	1,773	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	2,718	532	C	444	C	38.94%	19.72%	19.22%	W	901	1,352	33.15%	49.73%	Y	1,433	C	1,796	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	466	D	379	D	0.47%	0.26%	0.21%	W	10	15	1.46%	2.23%		476	D	394	D	Pass	
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	466	D	379	D	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%		466	D	379	D	Pass	
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	374	C	421	C	2.35%	1.33%	1.03%	W	50	76	2.76%	4.21%		423	C	496	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,035	C	1,012	C	0.67%	0.26%	0.41%	W	14	22	0.79%	1.21%		1,049	C	1,034	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	1,051	C	1,255	C	0.43%	0.13%	0.30%	W	9	14	0.50%	0.77%		1,060	C	1,269	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	685	C	694	C	0.57%	0.30%	0.28%	W	12	18	0.71%	1.09%		697	C	712	C	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	894	D	742	D	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%		894	D	742	D	Pass	
878684	NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	1.00	4	E	1,910	2,000	2,000	875	C	740	C	2.60%	1.26%	1.34%	E	84	55	4.18%	2.74%		959	C	795	C	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	E	2,940	3,020	3,020	1,031	C	832	C	2.75%	1.31%	1.44%	E	88	58	2.93%	1.92%		1,119	C	890	C	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	E	2,940	3,020	3,020	1,031	C	832	C	1.47%	0.54%	0.93%	W	29	49	0.95%	1.64%		1,059	C	881	C	Pass	

Table II-2B: CDMP Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - ADM PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	3,221	OUT =	2,110	Dir Analysis		% Adopt LOS		Study Area Link?						
										NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB		NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
							LOS C	LOS D	LOS E																			
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	1,554	C	1,187	C	0.41%	0.10%	0.32%	N	13	9	0.44%	0.29%		1,567	C	1,196	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	1,092	C	944	C	1.36%	0.64%	0.72%	N	34	38	1.71%	1.92%		1,126	C	982	C	Pass	
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	430	C	369	C	0.22%	0.11%	0.11%	N	6	6	0.77%	0.75%		436	C	375	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	430	C	369	C	0.18%	0.18%	0.00%	N	10	0	1.21%	0.00%		439	C	369	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	430	C	369	C	1.76%	1.12%	0.64%	N	60	34	3.31%	1.90%		489	C	403	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	430	C	369	C	3.51%	2.00%	1.52%	N	106	81	13.43%	10.20%	Y	536	C	450	C	Pass	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	1,800	525	C	629	C	42.39%	21.68%	20.71%	N	1,254	1,198	69.68%	66.54%	Y	1,779	D	1,826	F	Fail	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	1,800	511	C	612	C	43.01%	21.99%	21.01%	S	1,272	1,216	70.68%	67.53%	Y	1,783	D	1,828	F	Fail	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,521	C	1,826	F	4.93%	2.50%	2.43%	N	159	104	8.82%	5.78%	Y	1,680	C	1,930	F	Fail	Y
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	199	C	318	C	1.69%	1.00%	0.69%	N	54	36	3.03%	1.98%		254	C	353	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	1,800	359	C	430	C	10.20%	5.60%	4.60%	E	354	236	19.67%	13.11%	Y	713	C	666	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	1,800	248	C	297	C	15.08%	1.66%	13.42%	W	96	776	5.34%	43.11%	Y	344	C	1,073	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	1,503	C	2,086	C	1.61%	0.08%	1.53%	E	52	34	1.72%	1.12%		1,555	C	2,120	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	2,928	C	3,423	F	2.60%	0.09%	2.51%	E	84	55	2.77%	1.81%		3,012	D	3,478	F	Fail	Y
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	4,040	2,399	C	1,957	C	4.46%	2.01%	2.45%	W	94	144	2.33%	3.55%		2,493	C	2,101	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	2,082	C	2,293	C	3.04%	1.64%	1.40%	W	64	98	2.13%	3.25%		2,146	C	2,391	C	Pass	
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	657	1,467	1,530	1,075	D	983	D	1.13%	0.51%	0.63%	W	24	37	1.63%	2.49%		1,099	D	1,019	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	657	1,467	1,530	1,075	D	983	D	1.80%	0.80%	0.99%	W	38	58	2.58%	3.95%		1,113	D	1,041	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	657	1,467	1,530	880	D	828	D	1.13%	0.47%	0.65%	W	24	36	1.62%	2.47%		904	D	865	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	657	1,467	1,530	515	C	699	D	0.74%	0.32%	0.41%	W	16	24	1.06%	1.62%		530	C	723	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	747	792	792	1,305	F	1,194	F	1.24%	0.56%	0.68%	E	40	26	5.05%	3.31%	Y	1,345	F	1,220	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	7,739	D	7,688	D	8.98%	5.27%	3.71%	N	289	189	3.16%	2.07%		8,028	D	7,877	D	Pass	
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	9,188	E	9,348	E	8.36%	4.22%	4.13%	N	269	176	2.94%	1.92%		9,457	E	9,524	E	Fail	Y
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	13,041	F	8,593	C	7.52%	3.68%	3.84%	N	242	159	2.21%	1.45%		13,284	F	8,752	C	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	2,320	C	2,608	C	3.31%	2.41%	0.90%	E	107	70	3.54%	2.32%		2,426	C	2,678	C	Pass	
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	1,730	C	1,946	C	1.80%	1.35%	0.45%	E	58	38	1.92%	1.26%		1,788	C	1,984	C	Pass	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	1,107	C	399	C	0.25%	0.12%	0.13%	E	8	5	0.52%	0.34%		1,115	C	404	C	Pass	
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	930	C	1,495	C	8.68%	4.19%	4.49%	E	280	183	9.26%	6.06%	Y	1,209	C	1,678	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	930	C	1,495	C	6.04%	2.92%	3.12%	E	194	127	6.44%	4.22%	Y	1,124	C	1,623	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	930	C	1,495	C	5.83%	2.83%	3.01%	W	123	188	4.07%	6.22%	Y	1,053	C	1,683	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	1,832	C	1,781	C	4.63%	2.29%	2.34%	W	98	149	3.23%	4.93%		1,929	C	1,930	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	1,832	C	1,781	C	3.43%	1.67%	1.76%	W	72	110	2.39%	3.65%		1,904	C	1,892	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,235	C	2,080	C	5.39%	2.68%	2.70%	W	114	173	3.76%	5.74%	Y	2,348	C	2,254	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,285	C	2,364	C	4.58%	2.36%	2.21%	W	97	147	3.20%	4.88%		2,381	C	2,512	C	Pass	
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,285	C	2,364	C	4.13%	2.17%	1.97%	W	87	133	2.89%	4.41%		2,372	C	2,497	C	Pass	
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,285	C	2,364	C	4.09%	2.14%	1.94%	W	86	132	2.86%	4.36%		2,371	C	2,496	C	Pass	
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	3,382	F	2,908	C	3.61%	1.89%	1.72%	W	76	116	2.52%	3.85%		3,458	F	3,024	F	Fail	Y
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	1,321	C	1,605	C	0.79%	0.31%	0.48%	W	17	25	0.61%	0.94%		1,338	C	1,630	C	Pass	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,457	C	1,639	C	0.42%	0.18%	0.25%	W	9	14	0.25%	0.38%		1,466	C	1,653	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	1,898	C	1,762	C	3.41%	1.23%	2.19%	W	72	110	2.38%	3.64%		1,970	C	1,872	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	1,794	C	1,939	C	2.06%	0.88%	1.18%	W	44	66	1.44%	2.20%		1,837	C	2,005	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	2,136	C	1,545	C	0.93%	0.44%	0.49%	W	20	30	0.72%	1.10%		2,156	C	1,575	C	Pass	
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	2,186	C	1,318	C	0.62%	0.36%	0.27%	W	13	20	0.48%	0.74%		2,199	C	1,338	C	Pass	

Volume from Model

Diverted Trip Route Segment (Net External Trips Applied)

Fails with total trips but Project % of Adopted LOS does not exceed 5%

3.0 YEAR 2020 AM AND PM ZONING ANALYSES

Both roadway link and intersection AM and PM analyses are required for the Year 2020 Zoning review. Each set of analyses are detailed here.

3.1 Year 2020 Zoning Roadway Link LOS

The process for preparing the Zoning background trips was demonstrated in **Table I-13**. The background trips are applied for the ADM Zoning AM and PM analyses. In addition to these background trips, the ADM trips were added to obtain total trips by the year 2020. The Year 2020 ADM project trips were identified in **Table I-17**.

The total trips were compared to the year 2020 MSVs and LOS operations were established for each link. The links were identified as either "Pass" or "Fail" the adopted LOS and if it failed a determination of whether the deficiency was due to backlogged conditions (e.g. background with Graham trips) or the total trips was identified. Those links which fail due to just the total trips and which meet the five percent (5%) of MSV criteria of significance are Project improvements.

Tables II-3A and II-3B shows the ADM level of service analyses for the Year 2020 AM and PM Zoning review. A detailed summary of the deficiencies and mitigations are provided in the section titled Mitigation Summary at the end of this Chapter.

3.2 Year 2020 Zoning Intersection LOS

The development of the Year 2020 Zoning TMVs are referenced in **Appendix I-K** and includes the before mentioned incorporation of percent project distributions, for the ADM (for the project trips), and the balancing of trips to ensure that inbound and outbound approach volumes were reasonable.

Once again, the background TMVs were analyzed using the Synchro software as were the total TMVs. The with ADM plus with Graham, or Combined, Project trips serve as the premise for all total intersection LOS analyses. There are no longer individual ADM or Graham total intersection analyses. **Table II-4** shows the resulting Total with Combined LOS operational findings for the Year 2020 Zoning AM and PM analyses and include the results of the implementing lane configuration mitigations to address congestion at needed intersections (see **Appendix IV-D** and **Appendix IV-E** for descriptions on the mitigation needs and responsibilities). The background LOS Synchro analyses printouts are provided in **Appendix I-P**. The LOS Synchro Combined ADM/Graham Project Trip analysis HCM 2010 printouts are provided in **Appendix IV-B** for year 2020. A detailed summary of the deficiencies and mitigations are provided in the section titled Mitigation Summary at the end of this Chapter.

Table II-3A: Zoning Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - ADM AM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS				ADM PROJECT TRIPS					TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	558	OUT =	596	Dir Analysis		% Adopt LOS								
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	10,242	F	4,954	B	7.22%	3.84%	3.38%	S	40	43	0.44%	0.47%		10,283	F	4,997	B	Fail	Y
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	6,046	C	3,609	B	7.08%	3.70%	3.38%	S	40	42	0.43%	0.46%		6,086	C	3,651	B	Pass	
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	7,579	C	5,828	C	8.78%	4.42%	4.36%	S	49	52	0.54%	0.57%		7,628	D	5,880	C	Pass	
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	7,273	C	7,891	D	9.52%	4.89%	4.64%	S	53	57	0.58%	0.62%		7,326	C	7,948	D	Pass	
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	6,019	C	7,634	D	9.95%	5.10%	4.85%	S	56	59	0.61%	0.65%		6,074	C	7,694	D	Pass	
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	5,122	B	8,266	D	11.22%	5.84%	5.38%	S	63	67	0.68%	0.73%		5,185	B	8,333	D	Pass	
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	4,342	B	7,287	C	20.84%	10.80%	10.04%	S	125	116	1.36%	1.27%		4,467	B	7,403	C	Pass	
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	4,694	B	7,877	D	17.57%	8.89%	8.68%	N	105	98	1.14%	1.07%		4,799	B	7,975	D	Pass	
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	2,671	B	4,046	B	18.09%	8.32%	9.77%	E	108	101	1.47%	1.38%		2,778	B	4,146	B	Pass	
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	4,602	C	4,641	C	12.61%	5.91%	6.70%	E	75	70	1.03%	0.96%		4,677	C	4,712	C	Pass	
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	4,557	C	4,597	C	7.97%	3.49%	4.48%	E	48	44	0.65%	0.61%		4,605	C	4,641	C	Pass	
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	7,514	E	6,188	D	3.79%	1.86%	1.93%	N	23	21	0.31%	0.29%		7,537	E	6,209	D	Fail	Y
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	7,387	F	7,025	F	4.79%	2.36%	2.43%	N	29	27	0.52%	0.49%		7,415	F	7,052	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	6,908	D	6,686	D	6.33%	3.10%	3.23%	N	38	35	0.52%	0.48%		6,946	D	6,721	D	Pass	
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	4,335	B	4,897	C	2.64%	1.75%	0.89%	S	15	16	0.20%	0.22%		4,350	B	4,913	C	Pass	
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	7,361	C	7,053	C	8.03%	4.11%	3.92%	N	48	45	0.44%	0.41%		7,409	C	7,098	C	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	7,615	C	3,196	B	10.03%	5.11%	4.92%	N	60	56	0.54%	0.51%		7,674	C	3,252	B	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	6,073	B	6,939	C	12.03%	6.11%	5.92%	N	72	67	0.65%	0.61%		6,145	B	7,006	C	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	5,690	B	8,267	C	12.03%	6.11%	5.92%	N	72	67	0.56%	0.52%		5,762	B	8,335	C	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	6,232	B	6,943	B	17.89%	8.44%	9.45%	N	107	100	0.83%	0.78%		6,339	B	7,043	B	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	6,153	B	8,957	B	26.12%	13.54%	12.58%	N	156	146	0.99%	0.93%		6,309	B	9,103	B	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	4,996	B	7,650	B	34.14%	20.46%	13.68%	N	236	158	1.83%	1.23%		5,232	B	7,808	B	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	10,700	10,980	12,160	3,189	B	6,622	B	21.25%	7.83%	13.42%	S	90	155	0.82%	1.41%		3,279	B	6,777	B	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	3,189	B	6,622	B	17.49%	7.83%	9.66%	S	90	111	0.82%	1.02%		3,279	B	6,734	B	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	6,702	B	3,752	B	14.60%	7.83%	6.77%	E	90	78	0.82%	0.71%		6,793	C	3,830	B	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	2,783	B	1,622	B	2.27%	1.09%	1.18%	E	14	13	0.25%	0.23%		2,796	B	1,635	B	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	2,182	B	1,559	B	1.18%	0.62%	0.56%	E	7	7	0.13%	0.12%		2,189	B	1,566	B	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	2,218	B	1,264	B	1.07%	0.59%	0.48%	E	6	6	0.12%	0.11%		2,225	B	1,270	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,719	1,800	1,800	421	C	351	C	0.15%	0.05%	0.10%	S	1	1	0.05%	0.05%		421	C	352	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	-	D	NOT 2020 LINK																					
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	-	D	NOT 2020 LINK																					
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	1,800	234	C	195	C	13.98%	9.09%	4.89%	S	84	91	4.67%	5.06%	Y	318	C	286	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	234	C	195	C	41.93%	27.28%	14.66%	E	342	184	9.43%	5.06%	Y	575	C	378	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	1,181	C	986	C	34.20%	19.55%	14.66%	E	245	184	6.75%	5.06%	Y	1,426	C	1,170	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	803	C	2,679	F	14.08%	6.92%	7.16%	E	80	83	3.33%	3.45%		883	C	2,761	F	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	803	C	2,679	F	8.76%	4.29%	4.47%	E	52	49	2.18%	2.04%		855	C	2,728	F	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,450	C	965	C	7.06%	3.30%	3.76%	E	42	39	1.75%	1.64%		1,493	C	1,004	C	Pass	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,450	C	965	C	4.28%	2.02%	2.26%	E	26	24	1.06%	1.00%		1,476	C	989	C	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,143	C	824	C	2.53%	1.19%	1.33%	E	15	14	0.63%	0.59%		1,158	C	838	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	788	C	653	C	1.35%	0.67%	0.68%	E	8	8	0.22%	0.21%		796	C	661	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	2,718	676	C	810	C	38.43%	19.46%	18.96%	W	244	238	8.97%	8.74%	Y	920	C	1,048	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	2,718	444	C	532	C	38.94%	19.72%	19.22%	E	254	234	9.33%	8.61%	Y	698	C	766	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	776	F	779	F	0.47%	0.26%	0.21%	E	3	3	0.41%	0.39%		779	F	781	F	Fail	Y
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	776	F	779	F	0.00%	0.00%	0.00%	E	0	0	0.00%	0.00%		776	F	779	F	Fail	Y
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	744	C	375	C	2.35%	1.33%	1.03%	E	14	13	0.78%	0.73%		758	C	388	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,333	C	1,088	C	0.67%	0.26%	0.41%	E	4	4	0.22%	0.21%		1,337	C	1,091	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	770	C	732	C	0.43%	0.13%	0.30%	E	3	2	0.14%	0.13%		773	C	734	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	864	D	604	C	0.57%	0.30%	0.28%	E	3	3	0.20%	0.19%		868	D	607	C	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	970	D	705	C	0.00%	0.00%	0.00%	E	0	0	0.00%	0.00%		970	D	705	C	Pass	
878684	NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	1.00	4	E	1,910	2,000	2,000	590	C	808	C	2.60%	1.26%	1.34%	W	14	15	0.72%	0.77%		605	C	824	C	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	E	2,940	3,020	3,020	705	C	1,152	C	2.75%	1.31%	1.44%	W	15	16	0.51%	0.54%		720	C	1,168	C	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	E	2,940	3,020	3,020	705	C	1,152	C	1.47%	0.54%	0.93%	E	6	11	0.21%	0.35%		711	C	1,162	C	Pass	

Table II-3A: Zoning Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - ADM AM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS				ADM PROJECT TRIPS					TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	558	OUT =	596	Dir Analysis		% Adopt LOS								
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	920	C	1,235	C	0.41%	0.10%	0.32%	S	2	2	0.08%	0.08%		923	C	1,238	C	Pass	
878620		NW 138th St	US 27/ Okeechobee Rd	1.45	4	E	1,910	2,000	2,000	752	C	1,010	C	1.36%	0.64%	0.72%	S	7	8	0.37%	0.42%		759	C	1,018	C	Pass	
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	402	C	245	C	0.22%	0.11%	0.11%	S	1	1	0.17%	0.16%		403	C	246	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	402	C	245	C	0.18%	0.18%	0.00%	S	2	0	0.26%	0.00%		404	C	245	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	402	C	245	C	1.76%	1.12%	0.64%	S	13	7	0.72%	0.41%		414	C	252	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	402	C	245	C	3.51%	2.00%	1.52%	S	23	17	2.91%	2.21%		425	C	262	C	Pass	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	1,800	629	C	525	C	42.39%	21.68%	20.71%	S	272	259	15.09%	14.41%	Y	900	C	784	C	Pass	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	1,800	612	C	511	C	43.01%	21.99%	21.01%	N	275	263	15.30%	14.62%	Y	888	C	774	C	Pass	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,377	C	1,083	C	4.93%	2.50%	2.43%	S	28	29	1.53%	1.63%		1,404	C	1,113	C	Pass	
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	614	C	305	C	1.69%	1.00%	0.69%	S	9	10	0.52%	0.56%		624	C	315	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	1,800	430	C	359	C	10.20%	5.60%	4.60%	W	61	66	3.41%	3.69%		491	C	425	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	1,800	297	C	248	C	15.08%	1.66%	13.42%	E	21	168	1.16%	9.33%	Y	318	C	416	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	1,739	C	1,217	C	1.61%	0.08%	1.53%	W	9	10	0.30%	0.32%		1,748	C	1,227	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	2,828	C	1,957	C	2.60%	0.09%	2.51%	W	14	15	0.48%	0.51%		2,842	C	1,973	C	Pass	
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	4,040	2,272	C	1,882	C	4.46%	2.01%	2.45%	E	27	25	0.66%	0.62%		2,298	C	1,907	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	2,186	C	2,006	C	3.04%	1.64%	1.40%	E	18	17	0.60%	0.56%		2,204	C	2,023	C	Pass	
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	657	1,467	1,530	964	D	921	D	1.13%	0.51%	0.63%	E	7	6	0.46%	0.43%		971	D	927	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	657	1,467	1,530	964	D	921	D	1.80%	0.80%	0.99%	E	11	10	0.73%	0.68%		974	D	931	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	657	1,467	1,530	966	D	810	D	1.13%	0.47%	0.65%	E	7	6	0.46%	0.43%		973	D	816	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	657	1,467	1,530	491	C	759	D	0.74%	0.32%	0.41%	E	4	4	0.30%	0.28%		495	C	763	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	747	792	792	1,170	F	1,119	F	1.24%	0.56%	0.68%	W	7	7	0.87%	0.93%		1,177	F	1,126	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	7,343	C	6,038	C	8.98%	5.27%	3.71%	S	50	54	0.55%	0.58%		7,394	C	6,091	C	Pass	
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	7,782	D	9,513	E	8.36%	4.22%	4.13%	S	47	50	0.51%	0.54%		7,828	D	9,563	E	Fail	Y
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	9,282	D	11,199	E	7.52%	3.68%	3.84%	S	42	45	0.38%	0.41%		9,324	D	11,244	E	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	3,168	F	1,868	C	3.31%	2.41%	0.90%	W	18	20	0.61%	0.65%		3,186	F	1,887	C	Fail	Y
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	2,088	C	1,643	C	1.80%	1.35%	0.45%	W	10	11	0.33%	0.36%		2,098	C	1,654	C	Pass	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	294	C	1,488	C	0.25%	0.12%	0.13%	W	1	1	0.09%	0.10%		296	C	1,490	C	Pass	
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	1,311	C	1,011	C	8.68%	4.19%	4.49%	W	48	52	1.60%	1.71%		1,359	C	1,063	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	1,311	C	1,011	C	6.04%	2.92%	3.12%	W	34	36	1.12%	1.19%		1,344	C	1,047	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	1,311	C	1,011	C	5.83%	2.83%	3.01%	E	35	33	1.15%	1.08%		1,345	C	1,044	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	1,612	C	1,690	C	4.63%	2.29%	2.34%	E	28	26	0.91%	0.85%		1,640	C	1,716	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	1,612	C	1,690	C	3.43%	1.67%	1.76%	E	20	19	0.68%	0.63%		1,632	C	1,709	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,250	C	1,701	C	5.39%	2.68%	2.70%	E	32	30	1.06%	1.00%		2,282	C	1,731	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,167	C	1,854	C	4.58%	2.36%	2.21%	E	27	26	0.90%	0.85%		2,194	C	1,879	C	Pass	
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,167	C	1,854	C	4.13%	2.17%	1.97%	E	25	23	0.82%	0.76%		2,191	C	1,877	C	Pass	
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,167	C	1,854	C	4.09%	2.14%	1.94%	E	24	23	0.81%	0.76%		2,191	C	1,876	C	Pass	
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	2,342	C	3,359	F	3.61%	1.89%	1.72%	E	22	20	0.71%	0.67%		2,364	C	3,379	F	Fail	Y
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	1,828	C	1,507	C	0.79%	0.31%	0.48%	E	5	4	0.17%	0.16%		1,833	C	1,511	C	Pass	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,311	C	1,256	C	0.42%	0.18%	0.25%	E	3	2	0.07%	0.07%		1,313	C	1,259	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	1,642	C	1,479	C	3.41%	1.23%	2.19%	E	20	19	0.67%	0.63%		1,662	C	1,498	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	1,916	C	2,146	C	2.06%	0.88%	1.18%	E	12	12	0.41%	0.38%		1,928	C	2,158	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	1,451	C	2,368	C	0.93%	0.44%	0.49%	E	6	5	0.20%	0.19%		1,456	C	2,373	C	Pass	
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	1,444	C	2,036	C	0.62%	0.36%	0.27%	E	4	3	0.14%	0.13%		1,447	C	2,040	C	Pass	

Volume from Model

Diverted Trip Route Segment (Net External Trips Applied)

Fails with total trips but Project % of Adopted LOS does not exceed 5%

Table II-3B: Zoning Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - ADM PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	3,221	OUT =	2,110	Dir Analysis		% Adopt LOS								
										NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
							LOS C	LOS D	LOS E																			
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	5,957	C	8,843	D	7.22%	3.84%	3.38%	N	232	152	2.54%	1.66%		6,190	C	8,995	D	Pass	
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	4,161	B	5,481	B	7.08%	3.70%	3.38%	N	228	149	2.49%	1.63%		4,389	B	5,630	C	Pass	
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	6,140	C	8,692	D	8.78%	4.42%	4.36%	N	283	185	3.09%	2.02%		6,423	C	8,877	D	Pass	
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	7,568	C	8,321	D	9.52%	4.89%	4.64%	N	307	201	3.35%	2.19%		7,875	D	8,522	D	Pass	
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	7,567	C	6,665	C	9.95%	5.10%	4.85%	N	320	210	3.50%	2.29%		7,887	D	6,875	C	Pass	
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	8,510	D	5,610	B	11.22%	5.84%	5.38%	N	361	237	3.94%	2.58%		8,871	D	5,847	C	Pass	
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	7,262	C	4,825	B	20.84%	10.80%	10.04%	N	576	535	6.28%	5.84%	Y	7,838	D	5,360	B	Pass	
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	7,850	D	5,215	B	17.57%	8.89%	8.68%	S	371	566	4.05%	6.18%	Y	8,221	D	5,781	C	Pass	
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	4,244	B	3,107	B	18.09%	8.32%	9.77%	W	382	583	5.21%	7.95%	Y	4,625	C	3,689	B	Pass	
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	4,760	C	4,628	C	12.61%	5.91%	6.70%	W	266	406	3.63%	5.54%	Y	5,026	C	5,034	C	Pass	
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	4,714	C	4,583	C	7.97%	3.49%	4.48%	W	168	257	2.29%	3.50%		4,883	C	4,840	C	Pass	
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	6,986	D	6,471	D	3.79%	1.86%	1.93%	S	80	122	1.09%	1.67%		7,066	D	6,593	D	Pass	
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	6,739	F	7,374	F	4.79%	2.36%	2.43%	S	101	154	1.84%	2.80%		6,840	F	7,528	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	6,987	D	6,921	D	6.33%	3.10%	3.23%	S	134	204	1.82%	2.79%		7,120	D	7,125	D	Pass	
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	5,752	C	4,897	C	2.64%	1.75%	0.89%	N	85	56	1.16%	0.76%		5,837	C	4,953	C	Pass	
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	7,781	C	7,407	C	8.03%	4.11%	3.92%	S	169	259	1.54%	2.35%		7,951	C	7,666	C	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	6,862	C	6,148	B	10.03%	5.11%	4.92%	S	212	323	1.93%	2.94%		7,073	C	6,471	B	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	5,008	B	4,547	B	12.03%	6.11%	5.92%	S	254	387	2.31%	3.53%		5,261	B	4,934	B	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	7,050	B	6,509	B	12.03%	6.11%	5.92%	S	254	387	1.97%	3.01%		7,303	B	6,896	B	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	7,872	B	5,352	B	17.89%	8.44%	9.45%	S	377	576	2.93%	4.47%		8,249	C	5,928	B	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	7,457	B	5,748	B	26.12%	13.54%	12.58%	S	551	841	3.51%	5.35%	Y	8,008	B	6,590	B	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	6,978	B	4,701	B	34.14%	20.46%	13.68%	S	1,091	729	8.47%	5.66%	Y	8,068	C	5,430	B	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	10,700	10,980	12,160	6,775	B	3,817	B	21.25%	7.83%	13.42%	N	417	715	3.80%	6.51%	Y	7,193	B	4,532	B	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	6,775	C	3,817	B	17.49%	7.83%	9.66%	N	417	515	3.80%	4.69%		7,193	C	4,331	B	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	3,859	B	6,721	B	14.60%	7.83%	6.77%	W	417	361	3.80%	3.29%		4,277	B	7,082	C	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	1,437	B	2,985	B	2.27%	1.09%	1.18%	W	48	73	0.87%	1.33%		1,485	B	3,058	B	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	2,452	B	3,041	B	1.18%	0.62%	0.56%	W	25	38	0.45%	0.69%		2,477	B	3,079	B	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	1,578	B	2,045	B	1.07%	0.59%	0.48%	W	23	34	0.41%	0.62%		1,601	B	2,080	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,719	1,800	1,800	351	C	421	C	0.15%	0.05%	0.10%	N	5	3	0.27%	0.17%		356	C	424	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	-	D	OT 2020 ROADWAY LIN																					
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	-	D	OT 2020 ROADWAY LIN																					
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	1,800	195	C	234	C	13.98%	9.09%	4.89%	N	485	323	26.95%	17.97%	Y	680	C	557	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	195	C	234	C	41.93%	27.28%	14.66%	W	1,578	848	43.54%	23.39%	Y	1,773	C	1,081	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	986	C	1,181	C	34.20%	19.55%	14.66%	W	1,131	848	31.20%	23.39%	Y	2,117	C	2,029	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	2,551	F	1,112	C	14.08%	6.92%	7.16%	W	369	382	15.36%	15.91%	Y	2,920	F	1,494	C	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	2,551	F	1,112	C	8.76%	4.29%	4.47%	W	185	282	7.70%	11.75%	Y	2,736	F	1,394	C	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,450	C	1,724	C	7.06%	3.30%	3.76%	W	149	227	6.21%	9.47%	Y	1,599	C	1,952	C	Pass	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,450	C	1,724	C	4.28%	2.02%	2.26%	W	90	138	3.76%	5.74%	Y	1,541	C	1,862	C	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,282	C	1,502	C	2.53%	1.19%	1.33%	W	53	81	2.22%	3.39%		1,335	C	1,583	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	845	C	952	C	1.35%	0.67%	0.68%	W	28	43	0.78%	1.20%		874	C	996	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	2,718	810	C	676	C	38.43%	19.46%	18.96%	E	1,126	1,097	41.42%	40.36%	Y	1,936	C	1,773	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	2,718	532	C	444	C	38.94%	19.72%	19.22%	W	901	1,352	33.15%	49.73%	Y	1,433	C	1,796	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	466	D	379	D	0.47%	0.26%	0.21%	W	10	15	1.46%	2.23%		476	D	394	D	Pass	
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	466	D	379	D	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%		466	D	379	D	Pass	
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	374	C	421	C	2.35%	1.33%	1.03%	W	50	76	2.76%	4.21%		423	C	496	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,035	C	1,012	C	0.67%	0.26%	0.41%	W	14	22	0.79%	1.21%		1,049	C	1,034	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	1,051	C	1,255	C	0.43%	0.13%	0.30%	W	9	14	0.50%	0.77%		1,060	C	1,269	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	685	C	694	C	0.57%	0.30%	0.28%	W	12	18	0.71%	1.09%		697	C	712	C	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	894	D	742	D	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%		894	D	742	D	Pass	
878684	NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	1.00	4	E	1,910	2,000	2,000	875	C	740	C	2.60%	1.26%	1.34%	E	84	55	4.18%	2.74%		959	C	795	C	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	E	2,940	3,020	3,020	1,031	C	832	C	2.75%	1.31%	1.44%	E	88	58	2.93%	1.92%		1,119	C	890	C	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	E	2,940	3,020	3,020	1,031	C	832	C	1.47%	0.54%	0.93%	W	29	49	0.95%	1.64%		1,059	C	881	C	Pass	

Table II-3B: Zoning Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - ADM PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS										TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	3,221	OUT =	2,110	Dir Analysis		% Adopt LOS								
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	1,554	C	1,187	C	0.41%	0.10%	0.32%	N	13	9	0.44%	0.29%		1,567	C	1,196	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	1,092	C	944	C	1.36%	0.64%	0.72%	N	34	38	1.71%	1.92%		1,126	C	982	C	Pass	
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	430	C	369	C	0.22%	0.11%	0.11%	N	6	6	0.77%	0.75%		436	C	375	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	430	C	369	C	0.18%	0.18%	0.00%	N	10	0	1.21%	0.00%		439	C	369	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	430	C	369	C	1.76%	1.12%	0.64%	N	60	34	3.31%	1.90%		489	C	403	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	430	C	369	C	3.51%	2.00%	1.52%	N	106	81	13.43%	10.20%	Y	536	C	450	C	Pass	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	1,800	525	C	629	C	42.39%	21.68%	20.71%	N	1,254	1,198	69.68%	66.54%	Y	1,779	D	1,826	F	Fail	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	1,800	511	C	612	C	43.01%	21.99%	21.01%	S	1,272	1,216	70.68%	67.53%	Y	1,783	D	1,828	F	Fail	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,521	C	1,826	F	4.93%	2.50%	2.43%	N	159	104	8.82%	5.78%	Y	1,680	C	1,930	F	Fail	Y
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	199	C	318	C	1.69%	1.00%	0.69%	N	54	36	3.03%	1.98%		254	C	353	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	1,800	359	C	430	C	10.20%	5.60%	4.60%	E	354	236	19.67%	13.11%	Y	713	C	666	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	1,800	248	C	297	C	15.08%	1.66%	13.42%	W	96	776	5.34%	43.11%	Y	344	C	1,073	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	1,503	C	2,086	C	1.61%	0.08%	1.53%	E	52	34	1.72%	1.12%		1,555	C	2,120	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	2,928	C	3,423	F	2.60%	0.09%	2.51%	E	84	55	2.77%	1.81%		3,012	D	3,478	F	Fail	Y
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	4,040	2,399	C	1,957	C	4.46%	2.01%	2.45%	W	94	144	2.33%	3.55%		2,493	C	2,101	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	2,082	C	2,293	C	3.04%	1.64%	1.40%	W	64	98	2.13%	3.25%		2,146	C	2,391	C	Pass	
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	657	1,467	1,530	1,075	D	983	D	1.13%	0.51%	0.63%	W	24	37	1.63%	2.49%		1,099	D	1,019	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	657	1,467	1,530	1,075	D	983	D	1.80%	0.80%	0.99%	W	38	58	2.58%	3.95%		1,113	D	1,041	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	657	1,467	1,530	880	D	828	D	1.13%	0.47%	0.65%	W	24	36	1.62%	2.47%		904	D	865	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	657	1,467	1,530	515	C	699	D	0.74%	0.32%	0.41%	W	16	24	1.06%	1.62%		530	C	723	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	747	792	792	1,305	F	1,194	F	1.24%	0.56%	0.68%	E	40	26	5.05%	3.31%	Y	1,345	F	1,220	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	7,739	D	7,688	D	8.98%	5.27%	3.71%	N	289	189	3.16%	2.07%		8,028	D	7,877	D	Pass	
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	9,188	E	9,348	E	8.36%	4.22%	4.13%	N	269	176	2.94%	1.92%		9,457	E	9,524	E	Fail	Y
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	13,041	F	8,593	C	7.52%	3.68%	3.84%	N	242	159	2.21%	1.45%		13,284	F	8,752	C	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	2,320	C	2,608	C	3.31%	2.41%	0.90%	E	107	70	3.54%	2.32%		2,426	C	2,678	C	Pass	
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	1,730	C	1,946	C	1.80%	1.35%	0.45%	E	58	38	1.92%	1.26%		1,788	C	1,984	C	Pass	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	1,107	C	399	C	0.25%	0.12%	0.13%	E	8	5	0.52%	0.34%		1,115	C	404	C	Pass	
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	930	C	1,495	C	8.68%	4.19%	4.49%	E	280	183	9.26%	6.06%	Y	1,209	C	1,678	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	930	C	1,495	C	6.04%	2.92%	3.12%	E	194	127	6.44%	4.22%	Y	1,124	C	1,623	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	930	C	1,495	C	5.83%	2.83%	3.01%	W	123	188	4.07%	6.22%	Y	1,053	C	1,683	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	1,832	C	1,781	C	4.63%	2.29%	2.34%	W	98	149	3.23%	4.93%		1,929	C	1,930	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	1,832	C	1,781	C	3.43%	1.67%	1.76%	W	72	110	2.39%	3.65%		1,904	C	1,892	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,235	C	2,080	C	5.39%	2.68%	2.70%	W	114	173	3.76%	5.74%	Y	2,348	C	2,254	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,285	C	2,364	C	4.58%	2.36%	2.21%	W	97	147	3.20%	4.88%		2,381	C	2,512	C	Pass	
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,285	C	2,364	C	4.13%	2.17%	1.97%	W	87	133	2.89%	4.41%		2,372	C	2,497	C	Pass	
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,285	C	2,364	C	4.09%	2.14%	1.94%	W	86	132	2.86%	4.36%		2,371	C	2,496	C	Pass	
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	3,382	F	2,908	C	3.61%	1.89%	1.72%	W	76	116	2.52%	3.85%		3,458	F	3,024	F	Fail	Y
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	1,321	C	1,605	C	0.79%	0.31%	0.48%	W	17	25	0.61%	0.94%		1,338	C	1,630	C	Pass	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,457	C	1,639	C	0.42%	0.18%	0.25%	W	9	14	0.25%	0.38%		1,466	C	1,653	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	1,898	C	1,762	C	3.41%	1.23%	2.19%	W	72	110	2.38%	3.64%		1,970	C	1,872	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	1,794	C	1,939	C	2.06%	0.88%	1.18%	W	44	66	1.44%	2.20%		1,837	C	2,005	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	2,136	C	1,545	C	0.93%	0.44%	0.49%	W	20	30	0.72%	1.10%		2,156	C	1,575	C	Pass	
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	2,186	C	1,318	C	0.62%	0.36%	0.27%	W	13	20	0.48%	0.74%		2,199	C	1,338	C	Pass	

Volume from Model

Diverted Trip Route Segment (Net External Trips Applied)

Fails with total trips but Project % of Adopted LOS does not exceed 5%

Table II-4: Zoning Short Term (Year 2020) Background and Combined Intersection LOS Analysis

Intersection ID	Intersection	Background only 2020 (Without Mitigation)				Background only 2020 (With Mitigation)				Total 2020 (Without Mitigation)				Total 2020 (With Mitigation)			
		AM		PM		AM		PM		AM		PM		AM		PM	
		LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay
1	NW 87th Ave Miami Gardens Dr	F	263.30	F	182.80	F	144.10	F	101.80	F	290.10	F	272.70	F	157.80	F	152.90
2	NW 82nd Ave Miami Gardens Dr	E	65.50	E	73.00	D	42.90	D	40.10	E	72.00	F	96.70	D	42.60	D	39.40
3	NW 79th Ave Miami Gardens Dr	F	103.50	C	32.10	C	29.50	C	25.30	F	115.60	D	43.80	D	36.30	C	29.20
4	W Oakmont Dr Miami Gardens Dr	B	16.80	D	35.30	B	15.20	C	24.40	B	17.30	D	37.00	B	15.50	C	26.30
5	NW 75th Ave Miami Gardens Dr	F	92.90	E	56.90	C	32.30	C	32.10	F	91.50	D	49.50	C	32.40	C	31.20
6	NW 73th Ave Miami Gardens Dr	B	17.00	C	27.50	B	17.00	B	19.20	B	17.10	C	27.00	B	17.10	B	19.50
7	NW 68th Ave Miami Gardens Dr	C	23.10	C	24.90	C	25.90	C	23.10	C	24.60	C	24.00	C	28.40	C	24.30
8	Bobolink Dr Miami Gardens Dr	F	118.90	F	159.90	F	118.30	E	70.80	F	129.70	F	198.00	F	129.00	F	90.80
9	NW 67th Ave Miami Gardens Dr	D	53.00	E	69.60	D	53.00	E	61.70	D	53.70	E	75.00	D	53.70	E	67.40
10	NW 62nd Ave Miami Gardens Dr	F	249.40	F	94.40	F	150.40	D	44.10	F	246.20	F	92.60	F	172.70	D	43.50

Table II-4: Zoning Short Term (Year 2020) Background and Combined Intersection LOS Analysis

Intersection ID	Intersection	Background only 2020 (Without Mitigation)				Background only 2020 (With Mitigation)				Total 2020 (Without Mitigation)				Total 2020 (With Mitigation)			
		AM		PM		AM		PM		AM		PM		AM		PM	
		LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay
11	SR823/ Red Rd Miami Gardens Dr	E	72.30	F	82.40	E	58.30	E	74.00	E	74.60	F	85.30	E	59.70	E	79.40
12	NW 97th Ave/ W 36th Ave NW 138th St/ W 84th St	E	68.40	F	134.20	E	68.40	F	136.20	E	68.80	F	133.10	E	68.80	F	133.10
13	NW 97th Ave/ W 36th Ave NW 130th St	A	9.50	B	12.00	A	9.50	B	12.00	A	9.50	B	12.20	A	9.50	B	12.20
14	Ronal Reagan Turnpike Ramp(S) N Okeechobee Rd	F	149.70	E	55.70	F	124.50	E	55.90	F	168.80	F	152.20	F	143.40	F	125.10
15	Ronal Reagan Turnpike Ramp(N) N Okeechobee Rd	D	42.40	E	71.90	C	23.40	C	21.00	D	44.40	F	115.30	D	38.60	C	27.40
16	SR 823/ Red Rd Ronal Reagan Turnpike Ramp(E)	C	24.60	C	22.30	C	24.60	C	22.30	C	24.90	C	23.30	C	24.90	C	23.20
17	SR 823/ Red Rd Ronal Reagan Turnpike Ramp(W)	E	69.60	E	79.50	E	69.60	E	79.50	E	72.50	F	92.20	E	72.50	F	92.20
20	NW 138th St N Okeechobee Rd	F	138.60	F	175.30	F	108.90	F	131.40	F	143.20	F	198.40	F	111.10	F	141.70
23	Hialeah Gardens Blvd N Okeechobee Rd	F	125.60	F	308.00	F	116.00	F	227.90	F	126.40	F	312.80	F	116.20	F	227.90
36	I-75 Ramp (N) Miramar Pkwy	B	14.40	B	12.70	B	14.40	B	12.70	B	15.00	B	16.80	B	15.00	B	16.80

Table II-4: Zoning Short Term (Year 2020) Background and Combined Intersection LOS Analysis

Intersection ID	Intersection	Background only 2020 (Without Mitigation)				Background only 2020 (With Mitigation)				Total 2020 (Without Mitigation)				Total 2020 (With Mitigation)			
		AM		PM		AM		PM		AM		PM		AM		PM	
		LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay
37	I-75 Ramp (S) / Miramar Pkwy	B	17.50	A	9.20	B	17.50	A	9.20	B	18.00	B	10.60	B	18.80	B	10.60
38	I-75 Ramp (N) / Pines Blvd	B	16.20	A	8.50	B	16.20	A	8.40	C	28.00	A	8.50	B	16.60	A	8.50
39	I-75 Ramp (S) / Pines Blvd	C	30.30	B	12.60	C	30.30	B	12.80	D	42.20	B	13.90	D	41.50	B	13.90
44	Hialeah Gardens Blvd / W 68th St	F	201.70	F	94.60	F	115.30	D	47.00	F	204.30	F	104.10	F	118.50	D	48.50
50	NW 87th Ave / NW 170th St	F	234.30	E	74.50	F	124.70	D	36.10	F	233.50	F	117.50	F	127.90	D	52.70
51	Hialeah Gardens Blvd / NW 130th St	F	376.00	E	87.00	F	189.60	E	69.40	F	383.90	F	99.50	F	383.90	E	78.90
52	Hialeah Gardens Blvd / W 80th St	C	33.10	D	47.60	C	33.10	D	45.00	C	33.00	D	47.60	C	33.00	D	44.40
53	Hialeah Gardens Blvd / W 84th St	F	117.50	F	102.00	F	118.00	E	61.70	F	125.10	F	113.50	F	125.10	E	67.60
54	Hialeah Gardens Blvd / NW 138th St/ W 84th St	E	69.80	F	139.50	D	53.50	E	72.70	E	74.60	F	139.10	E	57.80	E	79.50

4.0 YEAR 2040 AM AND PM CDMP ANALYSES

For the Year 2040 CDMP traffic impact review, the **Table I-18** Year 2040 project trips were consulted for the ADM (the project trips analyzed).

The total trips were compared to the year 2040 MSVs and LOS operations were established for each link. The links were identified as either "Pass" or "Fail" the adopted LOS and if it failed a determination of whether the deficiency was due to backlogged conditions (e.g. background with Graham trips) or the total trips was identified. Those links which fail due to just the total trips and which meet the five percent (5%) of MSV criteria of significance are Project improvements.

Tables II-5A and **II-5B** show the ADM AM and PM level of service analyses for the Year 2020 CDMP review. A detailed summary of the deficiencies and mitigations are provided in the section titled Mitigation Summary at the end of this Chapter.

5.0 YEAR 2040 AM AND PM ZONING ANALYSES

Both roadway link and intersection AM and PM analyses are required for the Year 2020 Zoning review. Each set of analyses are detailed here.

5.1 Year 2040 Zoning Roadway Link LOS

The process for preparing the Zoning background trips was demonstrated in **Table I-13**. The overall background trips served as the basis for the ADM Zoning AM and PM analyses. In addition to these overall background trips, the ADM trips were added to obtain total trips by the year 2040. The Year 2040 ADM project trips were identified in **Table I-19**.

The total trips were compared to the year 2020 MSVs (since the Zoning analysis is limited to three years of committed improvements) and LOS operations were established for each link. The links were identified as either "Pass" or "Fail" the adopted LOS and if it failed a determination of whether the deficiency was due to backlogged conditions (e.g. background with Graham trips) or the total trips was identified. Those links which fail due to just the total trips and which meet the five percent (5%) of MSV criteria of significance are Project improvements.

Tables II-6A and II-6B shows the ADM level of service analyses for the Year 2040 AM and PM Zoning review. A detailed summary of the deficiencies and mitigations are provided in the section titled Mitigation Summary at the end of this Chapter.

Table II-5A: CDMP Long Term (Year 2040) Study Area Roadway Segment LOS Analysis - ADM AM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	558	OUT =	596	Dir Analysis		% Adopt LOS								
										NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
							LOS C	LOS D	LOS E																			
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	16,459	F	7,961	D	7.17%	3.75%	3.42%	S	40	43	0.44%	0.47%		16,499	F	8,003	D	Fail	Y
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	10,920	F	6,518	C	7.01%	3.62%	3.40%	S	39	42	0.43%	0.46%		10,960	F	6,560	C	Fail	Y
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	13,688	F	10,525	F	8.46%	4.27%	4.19%	S	47	50	0.52%	0.55%		13,735	F	10,576	F	Fail	Y
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	13,135	F	14,252	F	9.40%	4.81%	4.59%	S	52	56	0.57%	0.61%		13,188	F	14,308	F	Fail	Y
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	10,870	F	13,789	F	9.85%	5.10%	4.76%	S	55	59	0.60%	0.64%		10,925	F	13,847	F	Fail	Y
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	9,251	E	14,929	F	11.17%	5.75%	5.42%	S	62	67	0.68%	0.73%		9,314	E	14,996	F	Fail	Y
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	7,843	D	13,161	F	19.89%	10.48%	9.41%	S	121	109	1.32%	1.19%		7,964	D	13,270	F	Fail	Y
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	8,478	D	14,226	F	15.93%	8.12%	7.80%	N	95	89	1.04%	0.97%		8,573	D	14,315	F	Fail	Y
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	4,823	C	7,307	D	16.63%	7.91%	8.72%	E	99	93	1.35%	1.27%		4,923	C	7,399	E	Fail	
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	8,311	F	8,383	F	11.40%	5.56%	5.85%	E	68	64	0.93%	0.87%		8,379	F	8,446	F	Fail	Y
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	8,231	F	8,302	F	6.96%	3.23%	3.73%	E	41	39	0.57%	0.53%		8,272	F	8,341	F	Fail	Y
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	9,169	F	7,551	E	2.84%	1.32%	1.52%	N	17	16	0.23%	0.22%		9,186	F	7,567	E	Fail	Y
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	9,013	F	8,572	F	3.84%	1.82%	2.02%	N	23	21	0.42%	0.39%		9,036	F	8,594	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	8,430	F	8,158	E	5.43%	2.61%	2.82%	N	32	30	0.44%	0.41%		8,462	F	8,188	E	Fail	Y
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	5,580	C	6,303	D	2.52%	1.41%	1.12%	S	14	15	0.19%	0.21%		5,594	C	6,318	D	Pass	
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	9,440	D	9,045	C	8.11%	4.20%	3.91%	N	48	45	0.44%	0.41%		9,489	D	9,091	C	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	9,765	D	4,099	B	10.11%	5.20%	4.91%	N	60	56	0.55%	0.51%		9,825	D	4,156	B	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	7,788	C	8,899	C	12.11%	6.20%	5.91%	N	72	68	0.66%	0.62%		7,860	C	8,966	C	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	6,943	B	10,088	C	12.11%	6.20%	5.91%	N	72	68	0.56%	0.52%		7,015	B	10,155	C	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	7,605	B	8,471	C	17.58%	8.55%	9.03%	N	105	98	0.81%	0.76%		7,710	B	8,570	C	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	8,218	B	11,963	C	24.85%	12.96%	11.89%	N	148	139	0.94%	0.88%		8,367	B	12,101	C	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	6,096	B	9,335	C	33.57%	20.76%	12.81%	N	240	148	1.86%	1.15%		6,336	B	9,482	C	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	9,100	10,980	12,160	4,268	B	8,863	C	20.84%	8.24%	12.60%	S	95	145	0.87%	1.33%		4,363	B	9,009	C	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	4,268	B	8,863	C	17.94%	8.24%	9.71%	S	95	112	0.87%	1.02%		4,363	B	8,975	C	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	8,178	C	4,578	B	14.99%	8.12%	6.87%	E	94	79	0.85%	0.72%		8,272	C	4,657	B	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	3,396	C	1,979	B	3.44%	1.66%	1.79%	E	21	19	0.37%	0.35%		3,416	C	1,998	B	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	2,813	B	2,010	B	1.93%	0.99%	0.94%	E	12	11	0.21%	0.20%		2,825	B	2,020	B	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	2,707	B	1,543	B	1.83%	0.96%	0.87%	E	11	10	0.20%	0.19%		2,718	B	1,553	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,910	1,800	1,800	513	C	429	C	0.69%	0.49%	0.20%	S	4	4	0.21%	0.23%		517	C	433	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	New 2L	D	747	792	792	166	C	139	C	1.36%	0.66%	0.70%	S	8	8	0.96%	1.02%		174	C	147	C	Pass	
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	New 4	D	1,719	1,800	1,800	211	C	176	C	21.90%	11.29%	10.61%	S	141	133	7.85%	7.38%	Y	352	C	309	C	Pass	
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	1,800	302	C	252	C	23.93%	12.41%	11.52%	S	144	156	7.99%	8.66%	Y	446	C	408	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	302	C	252	C	34.36%	19.56%	14.80%	E	245	185	6.76%	5.11%	Y	547	C	437	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	1,211	C	1,011	C	33.35%	18.55%	14.80%	E	232	185	6.41%	5.11%	Y	1,443	C	1,196	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	980	C	3,268	F	12.81%	6.02%	6.79%	E	70	78	2.90%	3.26%		1,050	C	3,347	F	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	980	C	3,268	F	8.19%	3.80%	4.39%	E	49	46	2.04%	1.90%		1,029	C	3,314	F	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,770	C	1,177	C	6.74%	3.05%	3.69%	E	40	38	1.67%	1.57%		1,810	C	1,215	C	Pass	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,770	C	1,177	C	4.22%	1.87%	2.35%	E	25	24	1.05%	0.98%		1,795	C	1,201	C	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,395	C	1,005	C	2.51%	1.07%	1.44%	E	15	14	0.62%	0.58%		1,410	C	1,019	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	961	C	797	C	1.54%	0.72%	0.82%	E	9	9	0.25%	0.24%		970	C	806	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	2,718	733	C	878	C	35.67%	18.20%	17.48%	W	228	219	8.39%	8.05%	Y	961	C	1,097	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	2,718	383	C	459	C	15.75%	7.87%	7.87%	E	103	95	3.77%	3.48%		486	C	553	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	947	F	950	F	0.48%	0.24%	0.25%	E	3	3	0.42%	0.40%		950	F	953	F	Fail	Y
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	947	F	950	F	0.00%	0.00%	0.00%	E	0	0	0.00%	0.00%		947	F	950	F	Fail	Y
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	1,106	C	558	C	1.74%	0.79%	0.95%	E	10	10	0.58%	0.54%		1,116	C	567	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,626	C	1,327	C	0.64%	0.28%	0.37%	E	4	4	0.21%	0.20%		1,630	C	1,331	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	940	C	893	C	0.41%	0.14%	0.26%	E	2	2	0.13%	0.13%		943	C	895	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	1,054	D	737	D	0.65%	0.37%	0.28%	E	4	4	0.23%	0.21%		1,058	D	740	D	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	1,442	D	1,047	D	0.04%	0.04%	0.00%	E	0	0	0.01%	0.01%		1,442	D	1,047	D	Pass	
878684	NW 138th St	Florida's Turnpike/HEFT/SR 821	NW 107th Ave	1.00	6	D	4,580	5,500	6,080	720	B	986	B	3.09%	1.38%	1.71%	W	17	18	0.31%	0.33%		738	B	1,005	B	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	D	4,580	5,500	6,080	1,048	B	1,711	B	2.60%	1.31%	1.30%	W	15	16	0.26%	0.28%		1,062	B	1,727	B	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	D	4,580	5,500	6,080	1,048	B	1,711	B	1.35%	0.61%	0.73%	E	7	8	0.13%	0.15%		1,055	B	1,720	B	Pass	
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	1,368	C	1,836	C	0.41%	0.02%	0.40%	S	2	2	0.08%	0.08%		1,370	C	1,838	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	917	C	1,232	C	1.34%	0.51%	0.83%	S	6	10	0.30%	0.48%		923	C	1,242	C	Pass	

Table II-5A: CDMP Long Term (Year 2040) Study Area Roadway Segment LOS Analysis - ADM AM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	558	OUT =	596	Dir Analysis		% Adopt LOS								
										NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
							LOS C	LOS D	LOS E																			
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	597	C	364	C	0.19%	0.09%	0.10%	S	1	1	0.13%	0.15%		598	C	365	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	597	C	364	C	0.07%	0.03%	0.03%	S	0	0	0.05%	0.05%		597	C	364	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	597	C	364	C	1.63%	0.83%	0.80%	S	10	9	0.53%	0.51%		606	C	373	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	597	C	364	C	3.59%	1.81%	1.78%	S	21	21	2.64%	2.59%		618	C	384	C	Pass	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	1,800	228	C	191	C	19.34%	9.69%	9.65%	S	121	121	6.74%	6.72%	Y	350	C	312	C	Pass	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	1,800	93	C	78	C	22.90%	11.47%	11.43%	N	144	143	7.98%	7.95%	Y	237	C	221	C	Pass	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,680	C	1,322	C	4.26%	2.22%	2.04%	S	24	25	1.32%	1.41%		1,704	C	1,347	C	Pass	
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	750	C	372	C	1.55%	0.84%	0.71%	S	9	9	0.48%	0.51%		758	C	382	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	1,800	75	C	63	C	6.16%	3.57%	2.59%	W	37	40	2.06%	2.23%		112	C	103	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	1,800	300	C	251	C	21.09%	8.49%	12.60%	E	106	158	5.91%	8.77%	Y	407	C	409	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	2,256	C	1,579	C	1.54%	0.17%	1.37%	W	9	9	0.28%	0.30%		2,265	C	1,588	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	3,451	F	2,388	C	2.03%	0.00%	2.03%	W	11	12	0.38%	0.40%		3,462	F	2,400	C	Fail	Y
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	4,040	2,772	C	2,296	C	4.22%	1.87%	2.35%	E	25	24	0.62%	0.58%		2,797	C	2,320	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	2,791	C	2,562	C	2.61%	1.50%	1.11%	E	16	15	0.51%	0.48%		2,807	C	2,577	C	Pass	
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	730	1,467	1,530	1,176	D	1,124	D	0.91%	0.36%	0.55%	E	5	5	0.37%	0.35%		1,181	D	1,129	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	730	1,467	1,530	1,176	D	1,124	D	1.61%	0.67%	0.93%	E	10	9	0.65%	0.61%		1,186	D	1,133	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	730	1,467	1,530	1,180	D	989	D	0.80%	0.27%	0.53%	E	5	4	0.33%	0.31%		1,185	D	994	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	730	1,467	1,530	599	C	927	D	0.50%	0.15%	0.36%	E	3	3	0.20%	0.19%		602	C	929	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	370	792	792	1,739	F	1,662	F	1.01%	0.41%	0.60%	W	6	6	0.71%	0.76%		1,745	F	1,668	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	9,417	E	7,743	D	8.03%	4.75%	3.28%	S	45	48	0.49%	0.52%		9,462	E	7,791	D	Fail	Y
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	9,495	E	11,608	F	7.29%	3.74%	3.55%	S	41	43	0.44%	0.47%		9,536	E	11,652	F	Fail	Y
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	11,903	E	14,362	F	6.47%	3.19%	3.28%	S	36	39	0.33%	0.35%		11,939	E	14,400	F	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	3,865	F	2,279	C	3.20%	2.14%	1.06%	W	18	19	0.59%	0.63%		3,883	F	2,298	C	Fail	Y
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	2,991	D	2,354	C	1.56%	1.16%	0.41%	W	9	9	0.29%	0.31%		3,000	D	2,364	C	Pass	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	359	C	1,816	F	0.21%	0.10%	0.11%	W	1	1	0.08%	0.08%		360	C	1,817	F	Fail	Y
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	1,599	C	1,234	C	7.88%	3.57%	4.31%	W	44	47	1.46%	1.56%		1,643	C	1,281	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	1,599	C	1,234	C	4.83%	2.21%	2.62%	W	27	29	0.89%	0.95%		1,626	C	1,262	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	1,599	C	1,234	C	4.71%	2.16%	2.55%	E	28	26	0.93%	0.87%		1,627	C	1,260	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	2,395	C	2,512	C	3.77%	1.80%	1.97%	E	22	21	0.74%	0.70%		2,418	C	2,533	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	2,395	C	2,512	C	2.55%	1.19%	1.36%	E	15	14	0.50%	0.47%		2,411	C	2,526	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,746	C	2,075	C	4.02%	1.81%	2.21%	E	24	22	0.79%	0.74%		2,770	C	2,098	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,770	C	2,370	C	3.27%	1.56%	1.71%	E	19	18	0.65%	0.60%		2,789	C	2,388	C	Pass	
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,770	C	2,370	C	2.92%	1.41%	1.51%	E	17	16	0.58%	0.54%		2,787	C	2,386	C	Pass	
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,770	C	2,370	C	2.87%	1.39%	1.49%	E	17	16	0.57%	0.53%		2,787	C	2,386	C	Pass	
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	3,480	F	4,992	F	2.40%	1.12%	1.28%	E	14	13	0.47%	0.44%		3,495	F	5,005	F	Fail	Y
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	2,716	D	2,239	C	0.83%	0.34%	0.49%	E	5	5	0.18%	0.17%		2,721	F	2,243	C	Fail	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,599	C	1,533	C	0.42%	0.18%	0.23%	E	2	2	0.07%	0.06%		1,602	C	1,535	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	2,003	C	1,805	C	3.22%	1.15%	2.07%	E	19	18	0.64%	0.60%		2,022	C	1,823	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	2,573	C	2,881	C	2.01%	0.80%	1.21%	E	12	11	0.40%	0.37%		2,585	C	2,893	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	1,770	C	2,890	F	0.74%	0.29%	0.45%	E	4	4	0.16%	0.15%		1,775	C	2,894	F	Fail	Y
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	1,761	C	2,484	C	0.52%	0.31%	0.21%	E	3	3	0.11%	0.11%		1,765	C	2,487	C	Pass	

Volume from Model

Diverted Trip Route Segment (Net External Trips Applied)

Fails with total trips but Project % of Adopted LOS does not exceed 5%

Table II-5B: CDMP Long Term (Year 2040) Study Area Roadway Segment LOS Analysis - ADM PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	3,221	OUT =	2,110	Dir Analysis		% Adopt LOS		Study Area Link?						
										NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB		NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
							LOS C	LOS D	LOS E																			
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	9,573	E	14,210	F	7.17%	3.75%	3.42%	N	231	151	2.52%	1.65%		9,804	E	14,361	F	Fail	Y
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	7,515	C	9,899	E	7.01%	3.62%	3.40%	N	226	148	2.46%	1.61%		7,741	D	10,047	F	Fail	Y
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	11,090	F	15,698	F	8.46%	4.27%	4.19%	N	272	178	2.97%	1.95%		11,363	F	15,876	F	Fail	Y
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	13,670	F	15,029	F	9.40%	4.81%	4.59%	N	303	198	3.31%	2.17%		13,972	F	15,228	F	Fail	Y
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	13,667	F	12,038	F	9.85%	5.10%	4.76%	N	317	208	3.47%	2.27%		13,984	F	12,245	F	Fail	Y
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	15,370	F	10,132	F	11.17%	5.75%	5.42%	N	360	236	3.93%	2.57%		15,730	F	10,368	F	Fail	Y
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	13,116	F	8,714	D	19.89%	10.48%	9.41%	N	558	502	6.10%	5.48%	Y	13,675	F	9,216	E	Fail	Y
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	14,178	F	9,420	E	15.93%	8.12%	7.80%	S	336	513	3.67%	5.60%	Y	14,514	F	9,933	E	Fail	Y
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	7,665	E	5,611	C	16.63%	7.91%	8.72%	W	351	536	4.79%	7.31%	Y	8,016	E	6,147	D	Fail	Y
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	8,598	F	8,359	F	11.40%	5.56%	5.85%	W	241	367	3.28%	5.01%	Y	8,838	F	8,726	F	Fail	Y
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	8,515	F	8,278	F	6.96%	3.23%	3.73%	W	147	224	2.00%	3.06%		8,661	F	8,502	F	Fail	Y
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	8,525	F	7,895	E	2.84%	1.32%	1.52%	S	60	91	0.82%	1.25%		8,584	F	7,987	E	Fail	Y
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	8,223	F	8,998	F	3.84%	1.82%	2.02%	S	81	124	1.47%	2.25%		8,304	F	9,122	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	8,525	F	8,445	F	5.43%	2.61%	2.82%	S	115	175	1.57%	2.39%		8,640	F	8,620	F	Fail	Y
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	7,403	E	6,303	D	2.52%	1.41%	1.12%	N	81	53	1.11%	0.73%		7,485	E	6,356	D	Fail	Y
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	9,979	D	9,499	D	8.11%	4.20%	3.91%	S	171	261	1.56%	2.38%		10,150	D	9,760	D	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	8,799	C	7,884	C	10.11%	5.20%	4.91%	S	213	326	1.94%	2.96%		9,013	C	8,209	C	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	6,422	B	5,831	B	12.11%	6.20%	5.91%	S	255	390	2.33%	3.55%		6,677	B	6,221	B	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	8,602	C	7,942	C	12.11%	6.20%	5.91%	S	255	390	1.98%	3.03%		8,857	C	8,332	C	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	9,605	C	6,530	B	17.58%	8.55%	9.03%	S	371	566	2.88%	4.40%		9,976	C	7,097	B	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	9,959	B	7,677	B	24.85%	12.96%	11.89%	S	524	801	3.34%	5.09%	Y	10,483	C	8,478	B	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	8,514	C	5,736	B	33.57%	20.76%	12.81%	S	1,107	683	8.59%	5.30%	Y	9,621	C	6,418	B	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	9,100	10,980	12,160	9,069	C	5,108	B	20.84%	8.24%	12.60%	N	439	672	4.00%	6.12%	Y	9,508	D	5,780	B	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	9,069	C	5,108	B	17.94%	8.24%	9.71%	N	439	517	4.00%	4.71%		9,508	D	5,626	B	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	4,709	B	8,201	C	14.99%	8.12%	6.87%	W	433	366	3.94%	3.33%		5,142	B	8,567	C	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	1,753	B	3,643	C	3.44%	1.66%	1.79%	W	73	111	1.32%	2.02%		1,826	B	3,754	C	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	3,161	B	3,920	C	1.93%	0.99%	0.94%	W	41	62	0.74%	1.13%		3,202	B	3,982	C	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	1,926	B	2,496	B	1.83%	0.96%	0.87%	W	39	59	0.70%	1.07%		1,964	B	2,555	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,910	1,800	1,800	429	C	513	C	0.69%	0.49%	0.20%	N	22	15	1.23%	0.81%		451	C	528	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	New 2L	D	747	792	792	139	C	166	C	1.36%	0.66%	0.70%	N	35	37	4.44%	4.72%		174	C	204	C	Pass	
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	New 4	D	1,719	1,800	1,800	176	C	211	C	21.90%	11.29%	10.61%	N	653	614	36.28%	34.09%	Y	829	C	824	C	Pass	
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	1,800	252	C	302	C	23.93%	12.41%	11.52%	N	831	554	46.15%	30.76%	Y	1,083	C	855	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	252	C	302	C	34.36%	19.56%	14.80%	W	1,132	856	31.22%	23.62%	Y	1,383	C	1,158	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	1,011	C	1,211	C	33.35%	18.55%	14.80%	W	1,073	856	29.61%	23.62%	Y	2,084	C	2,067	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	3,113	F	1,357	C	12.81%	6.02%	6.79%	W	321	362	13.38%	15.07%	Y	3,434	F	1,719	C	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	3,113	F	1,357	C	8.19%	3.80%	4.39%	W	173	264	7.20%	10.99%	Y	3,286	F	1,621	C	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,770	C	2,104	C	6.74%	3.05%	3.69%	W	142	217	5.92%	9.04%	Y	1,912	C	2,321	D	Pass	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,770	C	2,104	C	4.22%	1.87%	2.35%	W	89	136	3.71%	5.67%	Y	1,859	C	2,240	C	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,564	C	1,832	C	2.51%	1.07%	1.44%	W	53	81	2.21%	3.37%		1,617	C	1,913	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	1,032	C	1,162	C	1.54%	0.72%	0.82%	W	33	50	0.90%	1.37%		1,064	C	1,212	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	2,718	878	C	733	C	35.67%	18.20%	17.48%	E	1,053	1,011	38.73%	37.19%	Y	1,931	C	1,744	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	2,718	459	C	383	C	15.75%	7.87%	7.87%	W	364	547	13.41%	20.11%	Y	823	C	930	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	569	D	463	D	0.48%	0.24%	0.25%	W	10	15	1.50%	2.29%		579	D	478	D	Pass	
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	569	D	463	D	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%		569	D	463	D	Pass	
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	555	C	625	C	1.74%	0.79%	0.95%	W	37	56	2.04%	3.11%		592	C	681	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,263	C	1,235	C	0.64%	0.28%	0.37%	W	14	21	0.76%	1.15%		1,277	C	1,256	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	1,282	C	1,532	C	0.41%	0.14%	0.26%	W	9	13	0.47%	0.72%		1,290	C	1,545	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	836	D	846	D	0.65%	0.37%	0.28%	W	14	21	0.80%	1.22%		849	D	867	D	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	1,328	D	1,102	D	0.04%	0.04%	0.00%	W	1	1	0.05%	0.07%		1,329	D	1,103	D	Pass	
878684	NW 138th St	Florida's Turnpike/HEFT/SR 821	NW 107th Ave	1.00	6	D	4,580	5,500	6,080	1,068	B	903	B	3.09%	1.38%	1.71%	E	99	65	1.81%	1.18%		1,168	B	969	B	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	D	4,580	5,500	6,080	1,532	B	1,236	B	2.60%	1.31%	1.30%	E	84	55	1.52%	1.00%		1,615	B	1,291	B	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	D	4,580	5,500	6,080	1,532	B	1,236	B	1.35%	0.61%	0.73%	W	33	39	0.60%	0.71%		1,564	B	1,275	B	Pass	

Table II-5B: CDMP Long Term (Year 2040) Study Area Roadway Segment LOS Analysis - ADM PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	3,221	OUT =	2,110	Dir Analysis		% Adopt LOS								
										NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
							LOS C	LOS D	LOS E																			
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	2,309	C	1,764	C	0.41%	0.02%	0.40%	N	13	9	0.44%	0.29%		2,323	C	1,773	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	1,333	C	1,151	C	1.34%	0.51%	0.83%	N	27	44	1.37%	2.20%		1,360	C	1,195	C	Pass	
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	639	C	548	C	0.19%	0.09%	0.10%	N	5	5	0.59%	0.69%		643	C	554	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	639	C	548	C	0.07%	0.03%	0.03%	N	2	2	0.21%	0.22%		640	C	550	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	639	C	548	C	1.63%	0.83%	0.80%	N	44	43	2.45%	2.36%		683	C	591	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	639	C	548	C	3.59%	1.81%	1.78%	N	97	95	12.21%	11.97%	Y	735	C	643	C	Pass	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	1,800	191	C	228	C	19.34%	9.69%	9.65%	N	560	558	31.13%	31.02%	Y	751	C	787	C	Pass	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	1,800	78	C	93	C	22.90%	11.47%	11.43%	S	663	661	36.86%	36.74%	Y	741	C	754	C	Pass	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,856	F	2,228	F	4.26%	2.22%	2.04%	N	137	90	7.62%	4.99%	Y	1,993	F	2,318	F	Fail	Y
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	243	C	388	C	1.55%	0.84%	0.71%	N	50	33	2.78%	1.82%		293	C	421	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	1,800	63	C	75	C	6.16%	3.57%	2.59%	E	214	143	11.88%	7.92%	Y	277	C	218	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	1,800	251	C	300	C	21.09%	8.49%	12.60%	W	491	729	27.28%	40.50%	Y	742	C	1,029	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	1,950	C	2,706	C	1.54%	0.17%	1.37%	E	50	32	1.64%	1.08%		1,999	C	2,738	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	3,573	F	4,177	F	2.03%	0.00%	2.03%	E	65	43	2.17%	1.42%		3,639	F	4,220	F	Fail	Y
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	4,040	2,927	C	2,388	C	4.22%	1.87%	2.35%	W	89	136	2.20%	3.36%		3,016	C	2,524	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	2,659	C	2,928	C	2.61%	1.50%	1.11%	W	55	84	1.82%	2.78%		2,714	C	3,012	D	Pass	
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	730	1,467	1,530	1,312	D	1,199	D	0.91%	0.36%	0.55%	W	19	29	1.31%	2.00%		1,331	D	1,229	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	730	1,467	1,530	1,312	D	1,199	D	1.61%	0.67%	0.93%	W	34	52	2.31%	3.53%		1,346	D	1,251	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	730	1,467	1,530	1,076	D	1,012	D	0.80%	0.27%	0.53%	W	17	26	1.15%	1.76%		1,092	D	1,038	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	730	1,467	1,530	628	C	853	D	0.50%	0.15%	0.36%	W	11	16	0.72%	1.11%		639	C	869	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	370	792	792	1,940	F	1,774	F	1.01%	0.41%	0.60%	E	32	21	4.10%	2.68%		1,972	F	1,795	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	9,925	E	9,859	E	8.03%	4.75%	3.28%	N	259	169	2.82%	1.85%		10,184	F	10,029	F	Fail	Y
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	11,211	F	11,406	F	7.29%	3.74%	3.55%	N	235	154	2.56%	1.68%		11,445	F	11,560	F	Fail	Y
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	16,725	F	11,020	E	6.47%	3.19%	3.28%	N	208	137	1.90%	1.24%		16,933	F	11,157	E	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	2,830	C	3,182	F	3.20%	2.14%	1.06%	E	103	68	3.42%	2.24%		2,933	C	3,250	F	Fail	Y
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	2,479	C	2,789	C	1.56%	1.16%	0.41%	E	50	33	1.67%	1.09%		2,530	C	2,822	C	Pass	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	1,350	C	487	C	0.21%	0.10%	0.11%	E	7	4	0.44%	0.29%		1,357	C	491	C	Pass	
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	1,134	C	1,825	C	7.88%	3.57%	4.31%	E	254	166	8.41%	5.51%	Y	1,388	C	1,991	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	1,134	C	1,825	C	4.83%	2.21%	2.62%	E	155	102	5.15%	3.37%	Y	1,290	C	1,926	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	1,134	C	1,825	C	4.71%	2.16%	2.55%	W	99	152	3.29%	5.03%	Y	1,234	C	1,976	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	2,722	C	2,647	C	3.77%	1.80%	1.97%	W	79	121	2.63%	4.02%		2,801	C	2,768	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	2,722	C	2,647	C	2.55%	1.19%	1.36%	W	54	82	1.78%	2.72%		2,776	C	2,729	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,727	C	2,538	C	4.02%	1.81%	2.21%	W	85	129	2.81%	4.29%		2,811	C	2,668	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,921	C	3,022	F	3.27%	1.56%	1.71%	W	69	105	2.28%	3.49%		2,990	D	3,128	F	Fail	Y
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,921	C	3,022	F	2.92%	1.41%	1.51%	W	61	94	2.04%	3.11%		2,982	D	3,116	F	Fail	Y
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,921	C	3,022	F	2.87%	1.39%	1.49%	W	61	92	2.01%	3.06%		2,982	D	3,115	F	Fail	Y
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	5,025	F	4,321	F	2.40%	1.12%	1.28%	W	51	77	1.68%	2.56%		5,076	F	4,399	F	Fail	Y
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	1,964	C	2,385	C	0.83%	0.34%	0.49%	W	18	27	0.65%	0.99%		1,981	C	2,412	C	Pass	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,778	C	2,000	C	0.42%	0.18%	0.23%	W	9	13	0.24%	0.37%		1,787	C	2,014	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	2,316	C	2,150	C	3.22%	1.15%	2.07%	W	68	104	2.25%	3.43%		2,384	C	2,254	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	2,408	C	2,603	C	2.01%	0.80%	1.21%	W	42	65	1.40%	2.14%		2,451	C	2,667	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	2,607	C	1,885	C	0.74%	0.29%	0.45%	W	16	24	0.58%	0.88%		2,622	C	1,909	C	Pass	
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	2,667	D	1,609	C	0.52%	0.31%	0.21%	W	11	17	0.40%	0.61%		2,678	D	1,625	C	Pass	

Volume from Model

Diverted Trip Route Segment (Net External Trips Applied)

Fails with total trips but Project % of Adopted LOS does not exceed 5%

Table II-6A: Zoning Long Term (Year 2040) Study Area Roadway Segment LOS Analysis - ADM AM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	558	OUT =	596	Dir Analysis		% Adopt LOS								
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	16,459	F	7,961	D	6.87%	3.72%	3.15%	S	38	41	0.42%	0.45%		16,497	F	8,002	D	Fail	Y
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	10,920	F	6,518	C	6.81%	3.53%	3.28%	S	38	41	0.41%	0.44%		10,958	F	6,559	C	Fail	Y
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	13,688	F	10,525	F	8.39%	4.20%	4.19%	S	47	50	0.51%	0.55%		13,734	F	10,576	F	Fail	Y
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	13,135	F	14,252	F	9.11%	4.64%	4.47%	S	51	54	0.56%	0.59%		13,186	F	14,307	F	Fail	Y
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	10,870	F	13,789	F	9.56%	4.95%	4.62%	S	53	57	0.58%	0.62%		10,924	F	13,846	F	Fail	Y
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	9,251	E	14,929	F	10.87%	5.72%	5.15%	S	61	65	0.66%	0.71%		9,312	E	14,994	F	Fail	Y
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	7,843	D	13,161	F	19.98%	10.47%	9.51%	S	121	110	1.32%	1.20%		7,964	D	13,271	F	Fail	Y
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	8,478	D	14,226	F	15.97%	8.08%	7.89%	N	95	89	1.04%	0.97%		8,573	D	14,315	F	Fail	Y
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	4,823	C	7,307	D	16.64%	7.84%	8.80%	E	99	93	1.35%	1.27%		4,923	C	7,400	E	Fail	
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	8,311	F	8,383	F	11.44%	5.50%	5.94%	E	68	64	0.93%	0.87%		8,379	F	8,447	F	Fail	Y
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	8,231	F	8,302	F	7.00%	3.16%	3.83%	E	42	39	0.57%	0.53%		8,273	F	8,341	F	Fail	Y
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	9,169	F	7,551	E	2.88%	1.34%	1.54%	N	17	16	0.23%	0.22%		9,186	F	7,567	E	Fail	Y
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	9,013	F	8,572	F	3.88%	1.84%	2.04%	N	23	22	0.42%	0.39%		9,036	F	8,594	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	8,430	F	8,158	E	5.46%	2.63%	2.83%	N	33	30	0.44%	0.42%		8,462	F	8,189	E	Fail	Y
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	5,580	C	6,303	D	2.54%	1.51%	1.03%	S	14	15	0.19%	0.21%		5,594	C	6,318	D	Pass	
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	9,440	D	9,045	C	8.04%	4.16%	3.88%	N	48	45	0.44%	0.41%		9,488	D	9,090	C	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	9,765	D	4,099	B	10.04%	5.16%	4.88%	N	60	56	0.55%	0.51%		9,825	D	4,155	B	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	7,788	C	8,899	C	12.04%	6.16%	5.88%	N	72	67	0.65%	0.61%		7,860	C	8,966	C	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	6,943	B	10,088	C	12.04%	6.16%	5.88%	N	72	67	0.56%	0.52%		7,014	B	10,155	C	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	7,605	B	8,471	C	17.67%	8.62%	9.06%	N	105	99	0.82%	0.77%		7,710	B	8,570	C	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	8,218	B	11,963	C	25.16%	13.10%	12.06%	N	150	140	0.95%	0.89%		8,368	B	12,103	C	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	6,096	B	9,335	C	33.89%	20.91%	12.98%	N	241	150	1.87%	1.16%		6,338	B	9,484	C	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	10,700	10,980	12,160	4,268	B	8,863	C	21.07%	8.30%	12.76%	S	96	147	0.87%	1.34%		4,364	B	9,011	C	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	4,268	B	8,863	C	18.33%	8.30%	10.03%	S	96	116	0.87%	1.05%		4,364	B	8,979	C	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	8,178	C	4,578	B	14.81%	8.09%	6.72%	E	93	78	0.85%	0.71%		8,271	C	4,656	B	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	3,396	C	1,979	B	3.39%	1.68%	1.70%	E	20	19	0.37%	0.34%		3,416	C	1,998	B	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	2,813	B	2,010	B	1.98%	0.99%	0.98%	E	12	11	0.21%	0.20%		2,825	B	2,021	B	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	2,707	B	1,543	B	1.88%	0.97%	0.92%	E	11	10	0.20%	0.19%		2,718	B	1,553	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,719	1,800	1,800	513	C	429	C	0.09%	0.00%	0.09%	S	0	1	0.03%	0.03%		514	C	429	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	-	-	NOT 2020 LINK																					
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	-	-	NOT 2020 LINK																					
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	1,800	192	C	160	C	12.26%	7.19%	5.06%	S	74	80	4.09%	4.43%		265	C	240	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	192	C	160	C	36.77%	21.57%	15.19%	E	270	190	7.46%	5.25%	Y	462	C	350	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	1,067	C	891	C	34.10%	18.91%	15.19%	E	237	190	6.54%	5.25%	Y	1,304	C	1,081	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	980	C	3,268	F	13.44%	6.30%	7.14%	E	73	82	3.03%	3.43%		1,053	C	3,351	F	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	980	C	3,268	F	8.52%	3.98%	4.54%	E	51	48	2.12%	1.98%		1,031	C	3,316	F	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,770	C	1,177	C	7.08%	3.30%	3.78%	E	42	40	1.76%	1.65%		1,812	C	1,217	C	Pass	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,770	C	1,177	C	4.36%	1.96%	2.40%	E	26	24	1.08%	1.01%		1,796	C	1,201	C	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,395	C	1,005	C	2.60%	1.14%	1.45%	E	15	14	0.64%	0.60%		1,410	C	1,020	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	961	C	797	C	1.58%	0.76%	0.83%	E	9	9	0.26%	0.24%		971	C	806	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	2,718	812	C	973	C	35.87%	18.30%	17.57%	W	229	220	8.43%	8.10%	Y	1,042	C	1,193	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	2,718	395	C	473	C	36.08%	18.40%	17.67%	E	235	217	8.65%	7.98%	Y	630	C	690	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	947	F	950	F	0.47%	0.24%	0.22%	E	3	3	0.41%	0.39%		950	F	953	F	Fail	Y
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	947	F	950	F	0.00%	0.00%	0.00%	E	0	0	0.00%	0.00%		947	F	950	F	Fail	Y
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	1,106	C	558	C	1.94%	0.91%	1.03%	E	12	11	0.64%	0.60%		1,117	C	568	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,626	C	1,327	C	0.67%	0.28%	0.40%	E	4	4	0.22%	0.21%		1,630	C	1,331	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	940	C	893	C	0.42%	0.14%	0.28%	E	3	2	0.14%	0.13%		943	C	895	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	1,054	D	737	D	0.62%	0.34%	0.28%	E	4	3	0.22%	0.20%		1,058	D	740	D	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	1,442	D	1,047	D	0.01%	0.01%	0.00%	E	0	0	0.00%	0.00%		1,442	D	1,047	D	Pass	
878684	NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	1.00	4	E	1,910	2,000	2,000	720	C	986	C	2.66%	1.36%	1.30%	W	15	16	0.74%	0.79%		735	C	1,002	C	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	E	2,940	3,020	3,020	1,048	C	1,711	C	2.74%	1.36%	1.39%	W	15	16	0.51%	0.54%		1,063	C	1,728	C	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	E	2,940	3,020	3,020	1,048	C	1,711	C	1.74%	0.77%	0.97%	E	9	11	0.29%	0.37%		1,056	C	1,723	C	Pass	

Table II-6A: Zoning Long Term (Year 2040) Study Area Roadway Segment LOS Analysis - ADM AM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	558	OUT =	596	Dir Analysis		% Adopt LOS								
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	1,368	C	1,836	C	0.62%	0.15%	0.47%	S	3	4	0.12%	0.12%		1,371	C	1,839	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	917	C	1,232	C	1.62%	0.68%	0.94%	S	8	11	0.39%	0.54%		925	C	1,243	C	Pass	
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	597	C	364	C	0.20%	0.10%	0.10%	S	1	1	0.15%	0.15%		598	C	365	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	597	C	364	C	0.06%	0.04%	0.02%	S	0	0	0.06%	0.03%		597	C	364	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	597	C	364	C	1.56%	0.83%	0.73%	S	10	8	0.53%	0.47%		606	C	372	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	597	C	364	C	3.54%	1.82%	1.71%	S	21	20	2.66%	2.50%		618	C	384	C	Pass	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	1,800	397	C	332	C	39.61%	20.23%	19.39%	S	253	243	14.07%	13.49%	Y	651	C	575	C	Pass	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	1,800	265	C	221	C	43.22%	22.04%	21.18%	N	276	265	15.34%	14.73%	Y	541	C	486	C	Pass	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,680	C	1,322	C	4.56%	2.41%	2.14%	S	25	27	1.41%	1.51%		1,706	C	1,349	C	Pass	
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	750	C	372	C	1.74%	1.01%	0.73%	S	10	10	0.54%	0.58%		759	C	383	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	1,800	284	C	237	C	13.22%	7.00%	6.22%	W	79	86	4.42%	4.78%		364	C	323	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	1,800	206	C	172	C	19.92%	7.16%	12.76%	E	90	160	4.98%	8.88%	Y	295	C	332	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	2,256	C	1,579	C	1.46%	0.07%	1.39%	W	8	9	0.27%	0.29%		2,265	C	1,588	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	3,451	F	2,388	C	2.10%	0.07%	2.03%	W	12	13	0.39%	0.41%		3,462	F	2,401	C	Fail	Y
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	4,040	2,772	C	2,296	C	4.26%	1.89%	2.37%	E	25	24	0.63%	0.59%		2,797	C	2,320	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	2,791	C	2,562	C	2.93%	1.53%	1.39%	E	17	16	0.58%	0.54%		2,809	C	2,578	C	Pass	
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	657	1,467	1,530	1,176	D	1,124	D	0.89%	0.34%	0.55%	E	5	5	0.36%	0.34%		1,181	D	1,129	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	657	1,467	1,530	1,176	D	1,124	D	1.63%	0.67%	0.96%	E	10	9	0.66%	0.62%		1,186	D	1,133	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	657	1,467	1,530	1,180	D	989	D	0.82%	0.27%	0.55%	E	5	5	0.33%	0.31%		1,185	D	994	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	657	1,467	1,530	599	C	927	D	0.51%	0.14%	0.36%	E	3	3	0.21%	0.19%		602	C	929	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	747	792	792	1,739	F	1,662	F	0.99%	0.39%	0.60%	W	6	6	0.70%	0.75%		1,745	F	1,668	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	9,417	E	7,743	D	8.05%	4.75%	3.30%	S	45	48	0.49%	0.52%		9,462	E	7,791	D	Fail	Y
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	9,495	E	11,608	F	7.37%	3.77%	3.61%	S	41	44	0.45%	0.48%		9,536	E	11,652	F	Fail	Y
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	11,903	E	14,362	F	6.54%	3.21%	3.33%	S	36	39	0.33%	0.36%		11,940	E	14,401	F	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	3,865	F	2,279	C	3.22%	2.13%	1.09%	W	18	19	0.59%	0.64%		3,883	F	2,298	C	Fail	Y
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	2,991	D	2,354	C	1.63%	1.23%	0.40%	W	9	10	0.30%	0.32%		3,000	D	2,364	C	Pass	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	359	C	1,816	F	0.20%	0.10%	0.10%	W	1	1	0.07%	0.08%		360	C	1,817	F	Fail	Y
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	1,599	C	1,234	C	7.81%	3.72%	4.10%	W	44	47	1.44%	1.54%		1,643	C	1,280	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	1,599	C	1,234	C	5.06%	2.33%	2.74%	W	28	30	0.94%	1.00%		1,627	C	1,264	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	1,599	C	1,234	C	4.73%	2.17%	2.56%	E	28	26	0.93%	0.87%		1,627	C	1,260	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	2,395	C	2,512	C	3.84%	1.85%	2.00%	E	23	21	0.76%	0.71%		2,418	C	2,533	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	2,395	C	2,512	C	2.67%	1.25%	1.42%	E	16	15	0.53%	0.49%		2,411	C	2,527	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,746	C	2,075	C	4.00%	1.90%	2.10%	E	24	22	0.79%	0.74%		2,770	C	2,098	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,770	C	2,370	C	3.37%	1.63%	1.75%	E	20	19	0.67%	0.62%		2,790	C	2,388	C	Pass	
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,770	C	2,370	C	3.02%	1.46%	1.56%	E	18	17	0.60%	0.56%		2,788	C	2,387	C	Pass	
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,770	C	2,370	C	2.97%	1.44%	1.54%	E	18	17	0.59%	0.55%		2,788	C	2,386	C	Pass	
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	3,480	F	4,992	F	2.52%	1.19%	1.33%	E	15	14	0.50%	0.47%		3,495	F	5,006	F	Fail	Y
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	2,716	D	2,239	C	0.86%	0.36%	0.50%	E	5	5	0.19%	0.18%		2,721	F	2,244	C	Fail	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,599	C	1,533	C	0.45%	0.21%	0.23%	E	3	2	0.07%	0.07%		1,602	C	1,535	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	2,003	C	1,805	C	3.23%	1.16%	2.07%	E	19	18	0.64%	0.60%		2,023	C	1,823	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	2,573	C	2,881	C	1.97%	0.79%	1.18%	E	12	11	0.39%	0.36%		2,584	C	2,892	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	1,770	C	2,890	F	0.77%	0.31%	0.46%	E	5	4	0.17%	0.16%		1,775	C	2,894	F	Fail	Y
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	1,761	C	2,484	C	0.52%	0.31%	0.22%	E	3	3	0.12%	0.11%		1,765	C	2,487	C	Pass	

Volume from Model

Diverted Trip Route Segment (Net External Trips Applied)

Fails with total trips but Project % of Adopted LOS does not exceed 5%

Table II-6B: Zoning Long Term (Year 2040) Study Area Roadway Segment LOS Analysis - ADM PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	3,221	OUT =	2,110	Dir Analysis		% Adopt LOS								
										NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
							LOS C	LOS D	LOS E																			
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	9,573	E	14,210	F	6.87%	3.72%	3.15%	N	221	145	2.42%	1.58%		9,794	E	14,355	F	Fail	Y
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	7,515	C	9,899	E	6.81%	3.53%	3.28%	N	219	144	2.39%	1.57%		7,735	D	10,042	F	Fail	Y
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	11,090	F	15,698	F	8.39%	4.20%	4.19%	N	270	177	2.95%	1.93%		11,361	F	15,875	F	Fail	Y
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	13,670	F	15,029	F	9.11%	4.64%	4.47%	N	294	192	3.20%	2.10%		13,963	F	15,221	F	Fail	Y
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	13,667	F	12,038	F	9.56%	4.95%	4.62%	N	308	202	3.36%	2.20%		13,975	F	12,239	F	Fail	Y
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	15,370	F	10,132	F	10.87%	5.72%	5.15%	N	350	229	3.82%	2.50%		15,720	F	10,362	F	Fail	Y
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	13,116	F	8,714	D	19.98%	10.47%	9.51%	N	558	507	6.09%	5.54%	Y	13,674	F	9,221	E	Fail	Y
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	14,178	F	9,420	E	15.97%	8.08%	7.89%	S	337	514	3.68%	5.61%	Y	14,515	F	9,934	E	Fail	Y
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	7,665	E	5,611	C	16.64%	7.84%	8.80%	W	351	536	4.79%	7.31%	Y	8,016	E	6,147	D	Fail	Y
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	8,598	F	8,359	F	11.44%	5.50%	5.94%	W	241	369	3.29%	5.03%	Y	8,839	F	8,727	F	Fail	Y
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	8,515	F	8,278	F	7.00%	3.16%	3.83%	W	148	225	2.01%	3.07%		8,662	F	8,504	F	Fail	Y
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	8,525	F	7,895	E	2.88%	1.34%	1.54%	S	61	93	0.83%	1.27%		8,585	F	7,988	E	Fail	Y
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	8,223	F	8,998	F	3.88%	1.84%	2.04%	S	82	125	1.49%	2.27%		8,305	F	9,123	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	8,525	F	8,445	F	5.46%	2.63%	2.83%	S	115	176	1.57%	2.40%		8,640	F	8,621	F	Fail	Y
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	7,403	E	6,303	D	2.54%	1.51%	1.03%	N	82	54	1.12%	0.73%		7,485	E	6,357	D	Fail	Y
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	9,979	D	9,499	D	8.04%	4.16%	3.88%	S	170	259	1.54%	2.36%		10,148	D	9,758	D	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	8,799	C	7,884	C	10.04%	5.16%	4.88%	S	212	323	1.93%	2.94%		9,011	C	8,207	C	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	6,422	B	5,831	B	12.04%	6.16%	5.88%	S	254	388	2.31%	3.53%		6,676	B	6,219	B	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	8,602	C	7,942	C	12.04%	6.16%	5.88%	S	254	388	1.97%	3.01%		8,856	C	8,329	C	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	9,605	C	6,530	B	17.67%	8.62%	9.06%	S	373	569	2.89%	4.42%		9,978	C	7,100	B	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	9,959	B	7,677	B	25.16%	13.10%	12.06%	S	531	810	3.38%	5.16%	Y	10,490	C	8,488	B	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	8,514	C	5,736	B	33.89%	20.91%	12.98%	S	1,115	692	8.66%	5.37%	Y	9,629	C	6,427	B	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	10,700	10,980	12,160	9,069	C	5,108	B	21.07%	8.30%	12.76%	N	442	680	4.03%	6.20%	Y	9,511	C	5,789	B	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	9,069	C	5,108	B	18.33%	8.30%	10.03%	N	442	535	4.03%	4.87%		9,511	D	5,643	B	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	4,709	B	8,201	C	14.81%	8.09%	6.72%	W	431	358	3.93%	3.26%		5,140	B	8,560	C	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	1,753	B	3,643	C	3.39%	1.68%	1.70%	W	71	109	1.30%	1.98%		1,825	B	3,752	C	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	3,161	B	3,920	C	1.98%	0.99%	0.98%	W	42	64	0.76%	1.16%		3,203	B	3,984	C	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	1,926	B	2,496	B	1.88%	0.97%	0.92%	W	40	61	0.72%	1.10%		1,965	B	2,556	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,719	1,800	1,800	429	C	513	C	0.09%	0.00%	0.09%	N	3	2	0.15%	0.10%		431	C	515	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	-	-	OT 2020 ROADWAY LIN																					
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	-	-	OT 2020 ROADWAY LIN																					
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	1,800	160	C	192	C	12.26%	7.19%	5.06%	N	425	284	23.63%	15.75%	Y	585	C	475	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	160	C	192	C	36.77%	21.57%	15.19%	W	1,248	879	34.44%	24.25%	Y	1,408	C	1,070	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	891	C	1,067	C	34.10%	18.91%	15.19%	W	1,094	879	30.19%	24.25%	Y	1,985	C	1,946	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	3,113	F	1,357	C	13.44%	6.30%	7.14%	W	336	380	13.99%	15.85%	Y	3,449	F	1,738	C	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	3,113	F	1,357	C	8.52%	3.98%	4.54%	W	180	274	7.48%	11.43%	Y	3,292	F	1,631	C	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,770	C	2,104	C	7.08%	3.30%	3.78%	W	149	228	6.23%	9.51%	Y	1,919	C	2,332	D	Pass	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,770	C	2,104	C	4.36%	1.96%	2.40%	W	92	140	3.83%	5.85%	Y	1,862	C	2,244	C	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,564	C	1,832	C	2.60%	1.14%	1.45%	W	55	84	2.28%	3.48%		1,619	C	1,916	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	1,032	C	1,162	C	1.58%	0.76%	0.83%	W	33	51	0.92%	1.41%		1,065	C	1,213	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	2,718	973	C	812	C	35.87%	18.30%	17.57%	E	1,058	1,016	38.94%	37.39%	Y	2,032	C	1,829	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	2,718	473	C	395	C	36.08%	18.40%	17.67%	W	835	1,252	30.71%	46.07%	Y	1,308	C	1,647	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	569	D	463	D	0.47%	0.24%	0.22%	W	10	15	1.46%	2.23%		579	D	478	D	Pass	
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	569	D	463	D	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%		569	D	463	D	Pass	
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	555	C	625	C	1.94%	0.91%	1.03%	W	41	63	2.28%	3.47%		596	C	688	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,263	C	1,235	C	0.67%	0.28%	0.40%	W	14	22	0.79%	1.20%		1,277	C	1,257	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	1,282	C	1,532	C	0.42%	0.14%	0.28%	W	9	14	0.50%	0.76%		1,291	C	1,545	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	836	D	846	D	0.62%	0.34%	0.28%	W	13	20	0.77%	1.17%		849	D	866	D	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	1,328	D	1,102	D	0.01%	0.01%	0.00%	W	0	0	0.01%	0.02%		1,328	D	1,102	D	Pass	
878684	NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	1.00	4	E	1,910	2,000	2,000	1,068	C	903	C	2.66%	1.36%	1.30%	E	86	56	4.28%	2.80%		1,154	C	959	C	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	E	2,940	3,020	3,020	1,532	C	1,236	C	2.74%	1.36%	1.39%	E	88	58	2.92%	1.91%		1,620	C	1,294	C	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	E	2,940	3,020	3,020	1,532	C	1,236	C	1.74%	0.77%	0.97%	W	41	52	1.35%	1.72%		1,572	C	1,288	C	Pass	

Table II-6B: Zoning Long Term (Year 2040) Study Area Roadway Segment LOS Analysis - ADM PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	3,221	OUT =	2,110	Dir Analysis		% Adopt LOS								
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	2,309	C	1,764	C	0.62%	0.15%	0.47%	N	20	13	0.67%	0.44%		2,329	C	1,777	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	1,333	C	1,151	C	1.62%	0.68%	0.94%	N	36	50	1.81%	2.50%		1,369	C	1,201	C	Pass	
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	639	C	548	C	0.20%	0.10%	0.10%	N	5	5	0.68%	0.68%		644	C	554	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	639	C	548	C	0.06%	0.04%	0.02%	N	2	1	0.27%	0.15%		641	C	549	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	639	C	548	C	1.56%	0.83%	0.73%	N	44	39	2.47%	2.15%		683	C	587	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	639	C	548	C	3.54%	1.82%	1.71%	N	97	91	12.27%	11.53%	Y	736	C	639	C	Pass	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	1,800	332	C	397	C	39.61%	20.23%	19.39%	N	1,170	1,121	65.00%	62.29%	Y	1,502	C	1,519	C	Pass	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	1,800	221	C	265	C	43.22%	22.04%	21.18%	S	1,275	1,225	70.83%	68.05%	Y	1,496	C	1,489	C	Pass	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,856	F	2,228	F	4.56%	2.41%	2.14%	N	147	96	8.15%	5.34%	Y	2,003	F	2,324	F	Fail	Y
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	243	C	388	C	1.74%	1.01%	0.73%	N	56	37	3.11%	2.04%		299	C	424	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	1,800	237	C	284	C	13.22%	7.00%	6.22%	E	459	306	25.50%	16.99%	Y	696	C	590	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	1,800	172	C	206	C	19.92%	7.16%	12.76%	W	414	738	23.00%	41.02%	Y	586	C	944	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	1,950	C	2,706	C	1.46%	0.07%	1.39%	E	47	31	1.55%	1.02%		1,996	C	2,737	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	3,573	F	4,177	F	2.10%	0.07%	2.03%	E	68	44	2.24%	1.47%		3,641	F	4,221	F	Fail	Y
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	4,040	2,927	C	2,388	C	4.26%	1.89%	2.37%	W	90	137	2.23%	3.40%		3,017	C	2,526	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	2,659	C	2,928	C	2.93%	1.53%	1.39%	W	62	94	2.05%	3.12%		2,721	C	3,023	F	Fail	
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	657	1,467	1,530	1,312	D	1,199	D	0.89%	0.34%	0.55%	W	19	29	1.28%	1.95%		1,330	D	1,228	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	657	1,467	1,530	1,312	D	1,199	D	1.63%	0.67%	0.96%	W	34	53	2.35%	3.58%		1,346	D	1,252	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	657	1,467	1,530	1,076	D	1,012	D	0.82%	0.27%	0.55%	W	17	26	1.18%	1.80%		1,093	D	1,038	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	657	1,467	1,530	628	C	853	D	0.51%	0.14%	0.36%	W	11	16	0.73%	1.11%		639	C	869	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	747	792	792	1,940	F	1,774	F	0.99%	0.39%	0.60%	E	32	21	4.03%	2.64%		1,972	F	1,794	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	9,925	E	9,859	E	8.05%	4.75%	3.30%	N	259	170	2.83%	1.85%		10,184	F	10,029	F	Fail	Y
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	11,211	F	11,406	F	7.37%	3.77%	3.61%	N	238	156	2.59%	1.70%		11,448	F	11,562	F	Fail	Y
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	16,725	F	11,020	E	6.54%	3.21%	3.33%	N	211	138	1.92%	1.26%		16,935	F	11,158	E	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	2,830	C	3,182	F	3.22%	2.13%	1.09%	E	104	68	3.43%	2.25%		2,934	C	3,250	F	Fail	Y
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	2,479	C	2,789	C	1.63%	1.23%	0.40%	E	52	34	1.74%	1.14%		2,532	C	2,823	C	Pass	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	1,350	C	487	C	0.20%	0.10%	0.10%	E	6	4	0.42%	0.27%		1,357	C	491	C	Pass	
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	1,134	C	1,825	C	7.81%	3.72%	4.10%	E	252	165	8.33%	5.46%	Y	1,386	C	1,989	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	1,134	C	1,825	C	5.06%	2.33%	2.74%	E	163	107	5.40%	3.54%	Y	1,297	C	1,931	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	1,134	C	1,825	C	4.73%	2.17%	2.56%	W	100	152	3.30%	5.04%	Y	1,234	C	1,977	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	2,722	C	2,647	C	3.84%	1.85%	2.00%	W	81	124	2.69%	4.10%		2,803	C	2,771	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	2,722	C	2,647	C	2.67%	1.25%	1.42%	W	56	86	1.87%	2.85%		2,778	C	2,733	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,727	C	2,538	C	4.00%	1.90%	2.10%	W	84	129	2.80%	4.27%		2,811	C	2,667	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,921	C	3,022	F	3.37%	1.63%	1.75%	W	71	109	2.36%	3.60%		2,992	D	3,131	F	Fail	Y
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,921	C	3,022	F	3.02%	1.46%	1.56%	W	64	97	2.11%	3.22%		2,985	D	3,120	F	Fail	Y
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,921	C	3,022	F	2.97%	1.44%	1.54%	W	63	96	2.08%	3.17%		2,984	D	3,118	F	Fail	Y
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	5,025	F	4,321	F	2.52%	1.19%	1.33%	W	53	81	1.76%	2.69%		5,078	F	4,403	F	Fail	Y
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	1,964	C	2,385	C	0.86%	0.36%	0.50%	W	18	28	0.67%	1.02%		1,982	C	2,412	C	Pass	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,778	C	2,000	C	0.45%	0.21%	0.23%	W	9	14	0.26%	0.40%		1,787	C	2,014	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	2,316	C	2,150	C	3.23%	1.16%	2.07%	W	68	104	2.26%	3.45%		2,384	C	2,254	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	2,408	C	2,603	C	1.97%	0.79%	1.18%	W	41	63	1.37%	2.10%		2,450	C	2,666	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	2,607	C	1,885	C	0.77%	0.31%	0.46%	W	16	25	0.60%	0.92%		2,623	C	1,910	C	Pass	
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	2,667	D	1,609	C	0.52%	0.31%	0.22%	W	11	17	0.41%	0.62%		2,678	D	1,626	C	Pass	

Volume from Model

Diverted Trip Route Segment (Net External Trips Applied)

Fails with total trips but Project % of Adopted LOS does not exceed 5%

5.2 Year 2040 Zoning Intersection LOS

The development of the Year 2040 Zoning TMVs are referenced in **Appendix I-K** and includes the before mentioned incorporation of percent project distributions, for the ADM (for the project trips), and the balancing of trips to ensure that inbound and outbound approach volumes were reasonable.

Once again, the background TMVs were analyzed using the Synchro software as were the total TMVs. The with ADM plus with Graham, or Combined, Project trips served as the premise for all total intersection LOS analyses. There are no longer individual ADM or Graham total intersection analyses. **Table II-7** shows the resulting Total with Combined LOS operational findings for the Year 2040 Zoning AM and PM analyses and include the results of the implementing lane configuration mitigations to address congestion at needed intersections (see **Appendix IV-D** and **Appendix IV-E** for descriptions on the mitigation needs and responsibilities). The background LOS Synchro analyses printouts are provided in **Appendix I-P**. The LOS Synchro Combined ADM/Graham Project Trip analysis HCM 2010 printouts are provided in **Appendix IV-C** for year 2040. A detailed summary of the deficiencies and mitigations are provided in the section titled Mitigation Summary at the end of this Chapter.

6.0 IMPACT FEE ASSESSMENT

A preliminary site-specific impact fee assessment was prepared for the ADM Site. The review was based on the MDC impact fee formula and includes adjustments for the trip generation information associated with the Site along with adjustments to the PDC factor used to convert the County's roadway costs to present day costs. The impact review was prepared as a separate supporting study to this report and is summarized in **Appendix II-A**.

7.0 AIR QUALITY REVIEW

The earlier Development of Regional Impact (DRI) analysis included an air quality review as part of its Question 22 information. Since the ADM Site is performing Zoning analyses similar to the DRI traffic impact review, an air quality review is also included in this report. The preliminary air quality review for the ADM Site is included in **Appendix II-B**.

In summary, the air quality for the ADM Site addressed each of the sub-questions for the Question 22 Air Quality review and recommends that further coordination be made with local air quality review agencies following the final completion of the American Dream Miami and The Graham CDMP TIA and Support Traffic Studies Report. Furthermore, for the ADM Site only, a preliminary assessment of the air quality impacts associated with the Site's parking has been included.

Table II-7: Zoning Long Term (Year 2040) Background and Combined Intersection LOS Analysis

Intersection ID	Intersection	Background only 2040 (Without Mitigation)				Background only 2040 (With Mitigation)				Total 2040 (Without Mitigation)				Total 2040 (With Mitigation)			
		AM		PM		AM		PM		AM		PM		AM		PM	
		LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay
1	NW 87th Ave Miami Gardens Dr	F	345.10	F	227.60	F	207.40	F	118.40	F	506.80	F	380.00	F	299.50	F	215.80
2	NW 82nd Ave Miami Gardens Dr	F	119.10	F	110.80	E	55.80	D	46.40	F	169.00	F	185.10	D	54.70	D	46.30
3	NW 79th Ave Miami Gardens Dr	F	173.60	D	41.10	C	32.30	C	29.20	F	233.50	E	67.00	D	42.70	D	41.80
4	W Oakmont Dr Miami Gardens Dr	C	22.00	D	45.00	B	12.80	C	29.10	C	26.10	D	51.80	B	17.00	C	34.60
5	NW 75th Ave Miami Gardens Dr	F	122.40	E	70.50	D	47.70	D	41.00	F	123.30	F	89.30	D	43.90	D	40.00
6	NW 73th Ave Miami Gardens Dr	C	20.70	C	33.10	B	17.40	C	24.10	C	25.40	C	33.40	B	17.30	C	30.40
7	NW 68th Ave Miami Gardens Dr	D	44.40	C	34.40	E	57.80	D	36.20	D	54.30	D	47.10	D	52.80	D	47.30
8	Bobolink Dr Miami Gardens Dr	F	217.40	F	273.10	F	217.30	F	139.40	F	260.90	F	348.50	F	260.90	F	201.90
9	NW 67th Ave Miami Gardens Dr	E	76.10	F	124.10	D	54.90	F	104.10	F	83.90	F	144.80	E	58.80	F	125.90
10	NW 62nd Ave Miami Gardens Dr	F	311.20	F	118.60	F	207.10	E	55.10	F	289.90	F	115.30	F	183.50	E	56.00

Table II-7: Zoning Long Term (Year 2040) Background and Combined Intersection LOS Analysis

Intersection ID	Intersection	Background only 2040 (Without Mitigation)				Background only 2040 (With Mitigation)				Total 2040 (Without Mitigation)				Total 2040 (With Mitigation)			
		AM		PM		AM		PM		AM		PM		AM		PM	
		LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay
11	SR823/ Red Rd Miami Gardens Dr	F	107.50	F	115.70	F	82.60	F	106.40	F	105.60	F	123.50	F	83.80	F	123.50
12	NW 97th Ave/ W 36th Ave NW 138th St/ W 84th St	F	110.70	F	174.60	F	109.70	F	174.60	F	116.10	F	171.50	F	115.30	F	171.50
13	NW 97th Ave/ W 36th Ave NW 130th St	B	10.20	C	24.60	B	10.20	C	24.60	B	10.30	C	30.60	B	10.30	C	30.60
14	Ronal Reagan Turnpike Ramp(S) N Okeechobee Rd	F	247.20	E	78.80	F	160.40	E	77.70	F	279.20	F	153.30	F	199.00	F	152.20
15	Ronal Reagan Turnpike Ramp(N) N Okeechobee Rd	F	124.20	F	200.20	F	124.60	E	72.30	F	151.30	F	256.90	F	158.50	F	115.30
16	SR 823/ Red Rd Ronal Reagan Turnpike Ramp(E)	D	49.50	C	33.10	D	49.50	C	33.10	D	53.90	D	50.00	D	53.90	D	50.00
17	SR 823/ Red Rd Ronal Reagan Turnpike Ramp(W)	F	125.10	F	138.50	F	81.90	F	138.50	F	133.00	F	160.90	F	88.40	F	160.90
20	NW 138th St N Okeechobee Rd	F	204.90	F	261.30	F	194.90	F	183.50	F	214.10	F	286.80	F	202.90	F	197.30
23	Hialeah Gardens Blvd N Okeechobee Rd	F	165.60	F	416.00	F	127.90	F	298.70	F	200.70	F	439.20	F	158.40	F	329.30
36	I-75 Ramp (N) Miramar Pkwy	C	22.80	B	17.50	C	22.80	B	17.50	D	35.30	B	19.90	D	35.30	B	19.90

Table II-7: Zoning Long Term (Year 2040) Background and Combined Intersection LOS Analysis

Intersection ID	Intersection	Background only 2040 (Without Mitigation)				Background only 2040 (With Mitigation)				Total 2040 (Without Mitigation)				Total 2040 (With Mitigation)			
		AM		PM		AM		PM		AM		PM		AM		PM	
		LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay
37	I-75 Ramp (S) / Miramar Pkwy	D	41.60	B	11.80	D	41.60	B	11.80	D	48.10	B	19.50	D	52.30	B	19.50
38	I-75 Ramp (N) / Pines Blvd	C	29.70	B	10.60	C	29.60	B	10.60	C	31.50	B	11.60	C	30.40	B	11.90
39	I-75 Ramp (S) / Pines Blvd	D	53.50	B	14.90	D	51.90	B	14.90	E	72.80	B	17.00	E	59.30	B	17.00
44	Hialeah Gardens Blvd / W 68th St	F	280.50	F	170.10	F	168.90	E	55.30	F	285.90	F	197.80	F	180.80	E	61.20
50	NW 87th Ave / NW 170th St	F	304.00	F	97.40	F	135.60	F	92.60	F	302.50	F	169.10	F	145.10	F	165.80
51	Hialeah Gardens Blvd / NW 130th St	F	388.50	F	129.40	F	193.10	F	94.20	F	527.00	F	155.80	F	271.00	F	115.20
52	Hialeah Gardens Blvd / W 80th St	D	46.50	E	68.50	C	30.00	E	62.20	D	47.00	E	77.30	C	29.30	E	66.70
53	Hialeah Gardens Blvd / W 84th St	F	210.70	F	157.90	E	71.90	F	94.20	F	236.60	F	182.90	F	88.20	F	113.10
54	Hialeah Gardens Blvd / NW 138th St/ W 84th St	F	155.00	F	196.50	F	80.60	110	F	F	175.90	F	248.40	F	87.10	F	155.80

8.0 WEEKEND REVIEW

A weekend analysis was also prepared at the request of review agencies to determine whether the weekday PM peak hour or the Saturday peak hour of generator has the highest total traffic conditions. The assignment to three nearby roadway segments close to the ADM Site were reviewed for respectively the PM weekday and the Saturday weekend peak conditions. The roadway segments analyzed are the following links:

- Miami Gardens Dr from I-75 Eastern Ramps to NW 87th Ave
- Florida's Turnpike/HEFT/SR 821 from US 27/Okeechobee Rd to NW 170th St
- I-75 from Florida's Turnpike to Miami Gardens Dr

Appendix II-C provides the result of the weekend review. As shown in the analysis, the weekday PM peak hour contains higher total traffic than the Saturday peak hour of generator. The analysis includes an existing Year 2016 baseline condition and Years 2020 and 2040 CDMP future traffic conditions. Based on the findings, no further review of weekend traffic associated with the ADM Site is needed.

9.0 MITIGATION SUMMARY

There are two categories of roadway improvements applicable to the ADM Site. First, there are those roadway improvements which were assumed to be in place for the various analyses presented in this report (e.g. baseline improvements). Second, there are those improvements identified in this report to meet acceptable LOS based on forecast traffic.

Baseline Roadway Improvements

A summary of the roadway projects proposed as part of the study area roadway improvement plan for American Dream Miami and the Graham Project were originally presented in Chapter I as part of **Tables I-11** and **I-12** and reflects those improvements that are baseline for the two projects, prior to reviewing additional mitigation needs. The tables are presented here so as to highlight that they are part of the improvements in place by respectively years 2020 and 2040. The tables are indicated as **Tables II-8** and **II-9**. For the Year 2020 Planned Improvements, notes are included regarding the timelines and agencies that will be coordinated with for these projects, along with whether the projects are included in the Miami-Dade County Cost Feasible Plan.

Table II – 8: Future Year 2020 Roadway Improvements

Year 2020 Committed Improvements

Roadway	From	To	2020 No. of Lanes	Improvement	TIP #	FY
Florida's Turnpike /HEFT/SR 821	Bird Road	SR 836 (Dolpin Expwy)	6+4	Widen to 10L incl Express	U/C	2019
	SR 836 (Dolphin Expwy)	NW 106th Street	6+4	Widen to 10L incl Express	435543-1	2018/2019
	NW 106th Street	Interstate 75	6+4	Widen to 10L incl Express	435542-1	2017/2018
	Interstate 75	CR 823/Red Rd	6+2	Widen to 8L incl Express	435546-1	2016
	CR 823/Red Rd	Miramar Toll Plaza	6+2	Widen to 8L incl Express	429328-1	2017
Interstate 75	I-595	N of Griffin Rd	8+4	Add Special Use Lanes	4217076	2017
	Griffin Rd	Sheridan St	8+4	Add Special Use Lanes	4217075	2017
	Sheridan St	Miramar Pkwy/ S 33rd St	10+4	Add Special Use Lanes	4217074	2017
	Miramar Pkwy/ S 33rd St	Florida's Turnpike	12+4	Add Special Use Lanes	4217073	2017
	Florida's Turnpike	NW 170th St	10+4	Add Special Use Lanes	U/C	U/C
	NW 170th St	SR 826	8+4	Add Special Use Lanes	4326871	2017
SR 826	NW 154th St	I-75	6+2			
	I-75	NW 103rd St	6+4			
	NW 103rd St	NW 36th St	8+4			
	NW 36th St	Flagler St	10+2			

Source: Miami-Dade and Broward TIPs

Year 2020 Planned Improvements

Roadway	From	To	2020 No. of Lanes	Improvement	Coordinate With	FY	LRTP CF Plan Priority #
NW 102nd Ave	NW 178th St	ADM Project Access Rd	New 4	ADM Project	MDC	2020	N/A
Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Eastern Ramps	New 6	ADM Project	FDOT/MDC	2020	IV(4L)
NW 170th St	Florida Turnpike	NW 97th Ave	New 6	ADM/Graham Project	MDC	2020	III
NW 97th Ave	NW 170th St	NW 178th St	New 4	ADM/Graham Project	MDC	2020	N/A
NW 178th Ave	Graham Access	I-75	New 4	ADM/Graham Project	MDC	2020	N/A
Interchanges @ I-75/HEFT/Miami-Gardens Dr				Interchange Modifications	FDOT/Turnpike	2020	N/A
Interchange @ HEFT/NW 170th St				New Interchange	Turnpike	2020	N/A

Table II – 9: Future Year 2040 Roadway Improvements

Year 2040 Cost Feasible LRTP Improvements

Roadway	From	To	2040 No. of Lanes	Improvement	Priority #
NW 138th St	Florida's Turnpike	SR 826	6	Extend SR-924 to SR-821 (HEFT) with connections to I-75 and SR- 826	Priority II #30

Year 2040 Miami-Dade County Requested Improvements

Roadway	From	To	2040 No. of Lanes	Improvement	Priority #
NW 107th Ave	NW 138th St	NW 170th St	New 2	Per MDC Request	
NW 102nd Ave	NW 170th St	NW 178th St	New 4	Per MDC Request	

Backlogged and ADM Recommended Improvements

Based on the findings presented in this Chapter, the roadway link and intersection improvements have been identified for the ADM Project for years 2020 and 2040 based on the traffic analyses.

Roadway Improvements

The roadway improvements needed to ensure that adequate operating conditions are maintained by years 2020 and 2040 are presented in **Table II-10** and represents just those facilities which do not meet adopted LOS. The future year improvements are distinguished based on the following criteria:

- **Backlogged Roadways** represent those roadway segments which fail due to background traffic and do not require mitigation by the ADM Project. In **Table II-10**, these segments are indicated by "**Y**" in the "Backlog Facility" Column followed by the mitigation findings for respectively the background and the total with Project trip number of lanes.
- **Project Responsible Roadways** represent those roadway segments where background traffic does not exceed adopted level of service conditions but rather the ADM Project traffic cause the facility to fail. In **Table II-10**, these facilities are blank in the "Backlog Facility Column and are followed by just the mitigation findings for the total with Project trips.

Several notes are applicable to **Table II-10**:

- Miami Gardens Dr improvements are highlighted to indicate that there are current plans to widen this facility to six lanes.
- Mitigation was limited to a maximum of additional four lanes. Furthermore, for arterials no more than eight lanes were recommended. Any facility which still fails to meet adopted LOS is highlighted as indicated and include a note that additional Intelligent Transportation System (ITS), transit, or other mitigation should be considered.
- Improvements which are due to the ADM Project trips and not backlogged conditions are highlighted as noted.
- Finally, there are a few segments which fail due to total with ADM Project traffic but where the 5 percent of adopted LOS service volume criteria is not met for Project trips. ADM is not responsible for these improvements.

A detailed evaluation of mitigation needs for all roadway segments being analyzed is included in **Appendix II-D**.

Intersection Improvements

Mitigation was performed, whenever possible, to improve intersection deficient LOS conditions for any of the analyzed intersections. No changes were made to the intersection signal timings. The improvements possible per intersection were limited to the following total configuration:

- 1 separate right turn lane
- 3 through lanes
- 2 left turn lanes

Table II-10: Roadway Segment LOS Analysis - ADM PM Mitigation Summary

						2020 Concurrency			2020 CDMP/Zoning			2040 CDMP				2040 Zoning			
STA ID	Roadway	From	To	Exist NL	2020 NL	Backlog Facility	# lanes BG Needs	# lanes Total Needs	Backlog Facility	# lanes BG Needs	# lanes Total Needs	2040 NL	Backlog Facility	# lanes BG Needs	# lanes Total Needs	2020 NL	Backlog Facility	# lanes BG Needs	# lanes Total Needs
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	8	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972526		SR 836	NW 12th Street	8	6+4							6+4	Y	8+4	8+4	6+4	Y	8+4	8+4
972230		NW 12th Street	NW 41th Street	8	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972269		NW 41th Street	NW 74th Street	8	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972268		NW 74th Street	NW 106th Street	8	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972272		NW 106th Street	US 27/ Okeechobee Rd	6	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972248		US 27/ Okeechobee Rd	NW 170th St	6	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972248		NW 170th St	Interstate 75	6	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972285		Interstate 75	CR 823/Red Rd	4	6+2							6+2	Y	6+4	6+4	6+2	Y	6+4	6+4
971996		CR 823/Red Rd	CR 817/NW 27th Ave	4	6+2							6+2	Y	6+4	6+4	6+2	Y	6+4	6+4
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	6	6+2							6+2	Y	6+4	6+4	6+2	Y	6+4	6+4
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	8	8							8	Y	10	10	8	Y	10	10
971902		Griffin Rd	Pines Blvd	6	6	Y	8	8	Y	10	10	6	Y	10	10	6	Y	10	10
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	8	8							8	Y	10	10	8	Y	10	10
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	8	8							8	Y	10	10	8	Y	10	10
n/a	NW 102nd Ave	NW 170th St	NW 178th St	-	-							New 4				-			
n/a		NW 178th St	ADM Project Access Rd	-	New 4							New 4				New 4			
872518	Miami Gardens Dr	Interstate 75 Eastern Ramps	NW 87th Ave	4	4	Y	6*	6*	Y	6*	6*	4	Y	6*	6*	4	Y	6*	6*
872518		NW 87th Ave	NW 82nd Ave	4	4	Y	6*	6*	Y	6*	6*	4	Y	6*	6*	4	Y	6*	6*
872517		NW 82nd Ave	NW 77nd Ave	4	4							4				4			
878243	NW 97th Ave	NW 154th St	NW 170th St	2	2							2				2			
n/a		NW 170th St	Graham Access	-	New 4						6	New 4				New 4			
n/a		Graham Access	NW 178th St	-	New 4						6	New 4				New 4			
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	4	4	Y	6	6	Y	6	6	4	Y	6	6	4	Y	6	6
n/a	Miramar Pkwy	SW 160th Ave	Interstate 75	6	6	Y	8	8	Y	8	8	6	Y	8 Max	8 Max	6	Y	8 Max	8 Max
n/a		Interstate 75	SW 148th Ave	6	8							8				8			
867326		SW 148th Ave	Flamingo Rd	6	6							6				6			8
877076	NW 122nd St	N Okeechobee Rd	NW 97th Ave	2	2	Y	4	4	Y	4	4	2	Y	6	6	2	Y	6	6
870575	SR 826	I-75	NW 122nd St	8	6+4							6+4	Y	8+4	8+4	6+4	Y	8+4	8+4
870574		NW 122nd St	NW 103rd St	10	6+4			8+4	Y	8+4	8+4	6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
870553		NW 103rd St	N Okeechobee Rd	10	8+4	Y	10+4	10+4	Y	12+4	12+4	8+4	Y	12+4	12+4	8+4	Y	12+4	12+4
875252	Okeechobee Rd	W 16th Ave (Milam Dairy Rd)	Hialeah Expy	6	6							6	Y	8	8	6	Y	8	8
875252		Hialeah Expy	NW 57th Ave (Red Road)	6	6							6	Y	8	8	6	Y	8	8
875252		NW 57th Ave (Red Road)	Hialeah Dr	6	6							6	Y	8	8	6	Y	8	8
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	6	6				Y	8	8	6	Y	8 Max	8 Max	6	Y	8 Max	8 Max

* Miami Garden Dr planned to be widened to 6L

Fails due to Project traffic

Capacity needs more than 4 additional lanes or reasonable maximum number of lanes reached (e.g. NL Max); additional ITS, transit or other mitigation options should be considered

Fails due to total traffic but Study Area Link 5% of Adopted LOS significance test not met

The intersection improvements needed to ensure that adequate operating conditions are maintained by years 2020 and 2040 are presented in **Table II-11** and represents just those facilities which do not meet adopted LOS. The future year improvements are distinguished based on the following criteria:

- **Backlogged Intersections** represent those roadway segments which fail due to background traffic and do not require mitigation by neither ADM nor Graham. In **Table II-11**, these segments are indicated in the "Background Mitigations" columns for respectively year 2020 and year 2040.
- **Project Responsible Roadways** represent those roadway segments where background traffic does not exceed adopted level of service conditions but rather the Project traffic cause the facility to fail. In **II-11**, these segments are indicated with a project-specific highlight in the "Total Mitigation with Combined Traffic" columns for respectively year 2020 and year 2040.

Several notes are applicable to **Table II-11**:

- Improvements which occur with inclusion of Total ADM or Graham Project trips and not backlogged conditions but the approach roadway link does not meet the five percent of LOS capacity criteria are highlighted as noted.
- Improvements which are due to backlogged conditions are highlighted as noted.
- Improvements which are due to ADM Project trips and not backlogged conditions are highlighted as noted.
- Improvements which are due to both ADM and Graham Project trips and not backlogged conditions are highlighted as noted.

ADM and Graham Fair Shares of Transportation Improvements

Fair share for roadway and intersection improvements associated with the two Project Sites are addressed next.

Roadway Segment Fair Share Estimates

The only roadway improvement which is applicable for the ADM and the Graham Sites are the widening associated with the following segments:

- NW 97th Ave between NW 154th St and NW 170th St - 4L by 2040 (Zoning Only)
- NW 97th Ave between NW 170th ST and NW 178th St - 6L by 2020 (Zoning Only)

As noted in **Table II-10**, NW 170th Ave to NW 178th St is one of the Year 2020 Planned Roadway improvements needed to accommodate the ADM and the Graham Sites and thus should instead be planned as a six lane facility. The ADM and Graham Projects will be responsible for implementing the necessary improvements to this segment of NW 97th Ave.

The other improvement is located south of NW 170th and is currently a two lane facility with widening proposed for a four lane facility. The total Combined northbound trips by the Year 2040 Zoning PM Peak Hour Analysis is 933 peak hour peak direction trips, which exceed

Table II-11: Summary of 2020 and 2040 Intersection Mitigation Improvements

Description			Year 2020 Mitigation Results		Year 2020 ADM/Graham Project Improvements				Year 2040 Mitigation Results		Year 2040 ADM/Graham Project Improvements			
ID	Intersection	Movement	Background Mitigation	Total Mitigation w/ Combined Traffic	Imp (ADM)	Fair Share (ADM)	Imp (Graham)	Fair Share (Graham)	Background Mitigation	Total Mitigation w/ Combined Traffic	Imp (ADM)	Fair Share (ADM)	Imp (Graham)	Fair Share (Graham)
1	NW186th St/Miami Gardens Dr & NW 87th Ave	EBT							Add one Thru lane					
		WBL	Add one left lane						Add one left lane					
		WBT	Replaced shr thru & add sep right						Replaced shr thru & add sep right					
		WBR												
		NBL	Add one left lane						Add one left lane					
		SBL	Add one left lane						Add one left lane					
		SBT	Add one thru lane						Add one thru lane					
2	NW 186th St/ Miami Garden Dr & NW 82nd Ave	EBL	Add one left lane						Add one left lane					
		EBT		Add one Thru lane	Yes	10.95%	n/a	n/a		Add one thru lane	Yes	8.59%	Yes	11.02%
		EBR	Add one right lane						Add one right lane					
		WBL	Add one left lane						Add one left lane					
		WBT								Add one thru lane	Yes	7.46%	Yes	14.18%
		WBR	Add one right lane						Add one right lane					
		NBL	Add one left lane						Add one left lane					
		NBR	Add one right lane						Add one right lane					
		SBL	Add one left lane						Add one left lane					
		SBT							Add one thru lane					
3	NW 186th ST/ Miami Garden Dr & NW 79th Ave	EBL	Add one left lane						Add one left lane					
		WBT							Add one thru lane					
		WBR	Add one right lane						Add one right lane					
		SBL	Add one left lane						Add one left lane					
4	NW 186th ST/ Miami Garden Dr & W Oakmont Dr	EBL	Add one left lane						Add one left lane					
		EBR							Add one right lane					
		WBL	Add one left lane						Add one left lane					
		WBT	Add one thru lane						Add one thru lane					
		WBR							Add one right lane					
		NBL	Add two left lanes						Add two left lanes					
		NBT	Add one thru lane						Add one Thru lane					
		SBL	Add two left lanes						Add two left lanes					
5	NW 175th PL & NW 186th ST/ Miami Garden Dr	EBT	Add one thru lane						Add one thru lane					
		WBL	Add one left lane						Add one left lane					
		NBL	Add one left lane						Add one left lane					
6	NW 73th Ave & NW 186th St/ Miami Garden Dr	EBL	Add one left lane						Add one left lane					
		WBL	Add one left lane						Add one left lane					
		WBT							Add one thru lane					
7	NW 186th St / Miami Gardens Dr & NW 68 Ave	EBR							Add one right lane					
		NBL	Add one left lane						Add one left lane					
8	NW 186th St / Miami Garden Dr & Bobolink Dr	WBT	Add one Thru lane						Add one thru lane					
		WBR	Add one right lane						Add one right lane					
9	NW 186th St / Miami Gardens Dr & NW 67th Ave	EBR							Add one right lane					
		WBR							Add one right lane					
		NBR							Add one right lane					
		SBR	Add one right lane						Add one right lane					
10	NW 186th St/ Miami Gardens Dr & NW 62th Ave	EBL	Add one left lane						Add one left lane					
		EBT							Add one thru lane					
		NBL	Add one left lane						Add one left lane					
		SBL	Add one left lane						Add one left lane					
11	NW 186th St / Miami Gardens Dr & 823 St /Red road	EBR	Add one right lane						Add one right lane					
		NBT	Replaced shr thru & add sep right						Replaced shr thru & add sep right					
		NBR												
		SBR	Add one right lane						Add one right lane					
14	N Okeechobee Rd & Ronal Reagan Turnpike Ramp (S)	EBL		Add one Left lane					Add one left lane					
		EBT							Add one thru lane					
		NBT							Add one thru lane					
		NBR							Add one right lane					

Table II-11: Summary of 2020 and 2040 Intersection Mitigation Improvements

Description			Year 2020 Mitigation Results		Year 2020 ADM/Graham Project Improvements				Year 2040 Mitigation Results		Year 2040 ADM/Graham Project Improvements			
ID	Intersection	Movement	Background Mitigation	Total Mitigation w/ Combined Traffic	Imp (ADM)	Fair Share (ADM)	Imp (Graham)	Fair Share (Graham)	Background Mitigation	Total Mitigation w/ Combined Traffic	Imp (ADM)	Fair Share (ADM)	Imp (Graham)	Fair Share (Graham)
15	N Okeechobee Rd & Ronal Reagan Turnpike Ramp (N)	WBT	Add one Thru lane						Add one thru lane					
17	823 St/ Red road & Ronald Reagan Turnpike Ramp (W)	WBR							Add one right lane					
20	N Okeechobee Rd / N Okeechobee Rd & NW 138 St	EBL	Add one left lane						Add one left lane					
		WBL	Add one left lane						Add one left lane					
		NBL	Add one left lane						Add one left lane					
		SBL		Add one left lane					Add one left lane					
23	N Okeechobee Rd & Hisleah Gardens Blvd	NBT	Add one thru lane						Add one thru lane					
		NBR	Add one Right lane						Add one right lane					
		SBT	Add one thru lane						Add one thru lane					
		SBR							Add one right lane					
44	W 68th St & Hialeah Gardens Blvd	EBL	Add one left lane						Add one left lane					
		EBT	Add one Thru lane						Add one thru lane					
		EBR	Add one Right lane						Add one right lane					
		WBL	Add one left lane						Add one left lane					
		WBR	Add one Right lane						Add one right lane					
		NBL	Add one left lane						Add one left lane					
		NBR	Add one Right lane						Add one right lane					
		SBL		Add one left lane					Add one left lane					
50	NW 170th St & NW 87th Ave	EBR							Add one right lane					
		WBL	Add one left lane						Add one left lane					
		SBL	Add one left lane						Add one left lane					
51	130th St & Hialeah Gardens Blvd	EBL	Add one left lane						Add one left lane					
		EBT	Add one Thru lane						Add one thru lane					
		EBR	Add one Right lane						Add one right lane					
		WBL	Add one left lane						Add one left lane					
		NBT	Add one Thru lane						Add one thru lane					
		SBL	Add one left lane						Add one left lane					
52	W 80th St & Hialeah Gardens Blvd	EBL	Add one left lane						Add one left lane					
		WBL	Add one left lane						Add one left lane					
		NBL	Add one left lane						Add one left lane					
		NBT	Add one Thru lane						Add one Thru lane					
		SBL							Add one left lane					
		SBT												
53	W 84th St & Hialeah Gardens Blvd	EBL	Add one left lane						Add one left lane					
		EBT	Add Two Thru lanes						Add two thru lanes					
		EBR	Add one Right lane						Add one right lane					
		WBL	Add one left lane						Add one left lane					
		WBT												
		WBR	Add one Right lane						Add one right lane					
		NBT							Add one thru lane					
		SBL	Add one left lane	Add one left lane					Add one left lane					
54	138th St/ I-75 Ramp(E) & Hialeah Gardens Blvd	EBT	Add Two Thru lanes						Add one thru lane					
		WBT	Add Two Thru lanes						Add one thru lane					
		WBR		Add one Right lane										
		NBL	Add one left lane						Add one left lane					
		SBL							Add one left lane					
		SBT	Add one Thru lane						Add one thru lane					

Legend:

	Project trips are not significant on link
	Improvement required due to Background LOS analysis
	Improvement required due to ADM future LOS analysis
	Improvement required due to Combined (ADM and Graham) future LOS analysis

adopted LOS D peak hour peak direction capacity of 792 trips. ADM contributes 97 and Graham contributes 197 peak hour peak direction northbound trips. Their corresponding fair share estimates are: ADM is 10.4 percent (97/933 Trips) and Graham is 21.1% (197/933 Trips).

Intersection Turning Movement Fair Share Estimates

The intersection improvements are identified by individual approach and are specific to the turning movement needing implementation. The intersection fair share estimates for respectively the ADM and the Graham Sites are included in **Table II-11** along with **Appendix IV-D** (2020) and **Appendix IV-E** (2040).

Transit Improvements:

In addition to addressing roadway capacity needs with this study area roadway improvement plan, the developer of the American Dream Miami is a proven advocate for alternative travel modes and a supporter of transit-oriented services at other developments. In addition to an adjacent site lot donation for commuter sharing, the Applicant will work with the County and others on increasing the amount of project trips assigned to alternative travel modes. Chapter I presents a section titled "Transit Accommodations" related to both the ADM and the Graham Sites.

CHAPTER III: GRAHAM FUTURE TRAFFIC IMPACTS

Build-out LOS on study area roadways was determined for the AM and PM peak hours by comparing future traffic volumes to the associated LOS volume standards and MSV for each facility. At the request of Miami-Dade County and other agencies, this analysis was performed for each direction of travel throughout the study area. Where a volume exceeds the adopted maximum service volume (MSV) for a facility, a build-out LOS deficiency may exist and is identified in the analysis.

The impacts associated with the Graham Site are separated into the following analyses:

Year 2020 Concurrency
- Year 2020 PM Concurrency Link Analysis

Year 2020 CDMP
- Year 2020 AM CDMP Link Analysis
- Year 2020 PM CDMP Link Analysis

Year 2020 Zoning
- Year 2020 AM Zoning Link Analysis
- Year 2020 PM Zoning Link Analysis
- Year 2020 AM Zoning Intersection Analyses
- Year 2020 PM Zoning Intersection Analyses

Year 2040 CDMP
- Year 2040 AM CDMP Link Analysis
- Year 2040 PM CDMP Link Analysis

Year 2040 Zoning
- Year 2040 AM Zoning Link Analysis
- Year 2040 PM Zoning Link Analysis
- Year 2040 AM Zoning Intersection Analyses
- Year 2040 PM Zoning Intersection Analyses

Supporting Information
- Year 2020 Impact Fee Assessment
- Air Quality Review

This represents seven roadway link traffic impact LOS reviews, four intersection analyses, one impact fee assessment, and one air quality review for the Graham Project. The approach and the findings are documented for each in the subsequent information prepared for Chapter III.

1.0 YEAR 2020 PM CONCURRENCY ANALYSIS

As described in the background information found in Chapter I, the Concurrency was developed by adding the MDC RER and other requested vested trips to the Year 2015 traffic count directional PHPs. The process for preparing the Concurrency background trips was demonstrated in **Table I-13**. The background trips previously described serve as the basis for the Graham Concurrency analysis. The Graham trips were added to the background trips to obtain total trips by the year 2020. The Year 2020 Graham project trips were identified in **Table I-17**.

The total trips were compared to the year 2020 MSVs and LOS operations were established for each link, with detailed derivations provided in **Appendix I-E**. The links were identified as either "Pass" or "Fail" the adopted LOS and if it failed a determination of whether the deficiency was due to backlogged conditions (e.g. background) or the total trips was identified. Those links which fail due to just the total trips and which meet the five percent (5%) of MSV criteria of significance are Project improvements.

Table III-1 shows the Graham level of service analysis for the Year 2020 PM Concurrency review. A detailed summary of the deficiencies and mitigations are provided in the section titled Mitigation Summary at the end of this Chapter.

2.0 YEAR 2020 AM AND PM CDMP ANALYSES

For the Year 2020 CDMP traffic impact review, the **Table I-17** Year 2020 project trips were consulted for respectively the ADM (part of the background trips) and the Graham (the project trips analyzed).

The total trips were compared to the year 2020 MSVs and LOS operations were established for each link. The links were identified as either "Pass" or "Fail" the adopted LOS and if it failed a determination of whether the deficiency was due to backlogged conditions (e.g. background with Graham trips) or the total trips was identified. Those links which fail due to just the total trips and which meet the five percent (5%) of MSV criteria of significance are Project improvements.

Tables III-2A and **III-2B** shows the Graham AM and PM level of service analyses for the Year 2020 CDMP review. A detailed summary of the deficiencies and mitigations are provided in the section titled Mitigation Summary at the end of this Chapter.

Table III-1: Concurrency Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - Graham PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				GRAHAM PROJECT TRIPS				GRAHAM PROJECT TRIPS					TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	396	OUT =	467	Dir Analysis		% Adopted LOS								
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	5,291	B	7,854	D	4.19%	2.27%	1.92%	S	17	20	0.18%	0.21%		5,308	B	7,874	D	Pass	
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	3,589	B	4,728	B	4.19%	2.27%	1.92%	S	17	20	0.18%	0.21%		3,606	B	4,747	B	Pass	
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	5,297	B	7,497	C	6.62%	3.55%	3.07%	S	26	31	0.29%	0.34%		5,323	B	7,528	C	Pass	
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	6,529	C	7,178	C	7.88%	4.36%	3.51%	S	31	37	0.34%	0.40%		6,560	C	7,215	C	Pass	
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	6,527	C	5,749	C	9.50%	5.41%	4.09%	S	38	44	0.41%	0.48%		6,565	C	5,794	C	Pass	
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	7,405	C	4,882	B	10.89%	6.11%	4.78%	S	43	51	0.47%	0.56%		7,448	C	4,933	B	Pass	
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	6,327	C	4,203	B	14.92%	9.18%	5.74%	S	79	50	0.86%	0.54%		6,406	C	4,253	B	Pass	
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	6,834	C	4,540	B	5.94%	5.94%	0.00%	N	51	0	0.56%	0.00%		6,885	C	4,540	B	Pass	
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	3,661	B	2,680	B	14.00%	5.94%	8.06%	E	65	55	0.89%	0.76%		3,726	B	2,735	B	Pass	
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	4,106	B	3,992	B	11.12%	4.85%	6.28%	E	52	44	0.71%	0.60%		4,158	B	4,036	B	Pass	
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	4,067	B	3,954	B	7.50%	2.92%	4.58%	E	35	30	0.48%	0.41%		4,102	B	3,983	B	Pass	
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	6,647	D	6,157	D	3.57%	1.75%	1.82%	N	17	14	0.23%	0.19%		6,664	D	6,171	D	Pass	
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	6,412	F	7,016	F	3.57%	1.75%	1.82%	N	17	14	0.30%	0.26%		6,429	F	7,030	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	6,648	D	6,586	D	5.19%	2.53%	2.66%	N	24	21	0.33%	0.28%		6,672	D	6,606	D	Pass	
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	5,103	C	4,344	B	2.31%	1.92%	0.39%	S	9	11	0.12%	0.15%		5,112	C	4,355	B	Pass	
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	6,877	C	6,547	B	6.88%	3.49%	3.39%	N	32	27	0.29%	0.25%		6,910	C	6,574	B	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	6,065	B	5,434	B	8.88%	4.49%	4.39%	N	41	35	0.38%	0.32%		6,106	B	5,469	B	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	4,426	B	4,019	B	10.88%	5.49%	5.39%	N	51	43	0.46%	0.39%		4,477	B	4,062	B	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	6,707	B	6,193	B	10.88%	5.49%	5.39%	N	51	43	0.39%	0.33%		6,758	B	6,236	B	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	7,490	B	5,092	B	15.48%	7.32%	8.16%	N	72	61	0.56%	0.48%		7,562	B	5,153	B	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	6,946	B	5,355	B	21.00%	10.86%	10.14%	N	98	83	0.62%	0.53%		7,044	B	5,438	B	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	6,839	B	4,618	B	35.59%	17.38%	18.21%	N	150	157	1.16%	1.22%		6,989	B	4,775	B	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	10,700	10,980	12,160	6,693	B	3,770	B	24.74%	6.53%	18.21%	S	56	157	0.51%	1.43%		6,749	B	3,927	B	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	6,761	C	3,808	B	19.71%	6.53%	13.18%	S	56	114	0.51%	1.04%		6,818	C	3,922	B	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	4,085	B	6,665	B	18.02%	11.49%	6.53%	E	99	56	0.90%	0.51%		4,184	B	6,721	B	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	1,450	B	2,985	B	3.50%	1.78%	1.71%	E	16	14	0.30%	0.25%		1,467	B	2,999	B	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	2,179	B	2,702	B	2.12%	1.14%	0.98%	E	10	8	0.18%	0.15%		2,189	B	2,710	B	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	1,502	B	1,946	B	1.94%	1.08%	0.86%	E	9	8	0.16%	0.14%		1,511	B	1,954	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,719	1,800	1,800	334	C	400	C	0.00%	0.00%	0.00%	S	0	0	0.00%	0.00%		334	C	400	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	-																							
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	-																							
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	2,000	0	n/a	0	n/a	34.76%	19.57%	15.18%	S	172	200	9.58%	11.10%	Y	172	C	200	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	0	n/a	0	n/a	34.76%	19.57%	15.18%	E	210	163	5.78%	4.49%	Y	210	C	163	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	0	n/a	0	n/a	34.76%	19.57%	15.18%	E	210	163	5.78%	4.49%	Y	210	C	163	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	2,785	F	1,214	C	17.37%	8.72%	8.65%	E	75	75	3.13%	3.11%		2,861	F	1,289	C	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	2,572	F	1,121	C	10.91%	5.37%	5.53%	E	51	43	2.12%	1.80%		2,623	F	1,164	C	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,438	C	1,709	C	8.10%	3.79%	4.31%	E	38	32	1.58%	1.34%		1,476	C	1,741	C	Pass	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,438	C	1,709	C	5.12%	2.47%	2.65%	E	24	20	1.00%	0.84%		1,462	C	1,729	C	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,330	C	1,558	C	2.96%	1.39%	1.57%	E	14	12	0.58%	0.49%		1,343	C	1,570	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	811	C	913	C	1.55%	0.77%	0.78%	E	7	6	0.20%	0.17%		819	C	919	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	3,020	0	n/a	0	n/a	20.49%	8.99%	11.50%	W	96	123	3.54%	4.53%		96	C	123	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	3,020	0	n/a	0	n/a	20.49%	8.99%	11.50%	E	118	102	4.33%	3.74%		118	C	102	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	459	D	373	D	0.50%	0.28%	0.22%	E	2	2	0.35%	0.30%		461	D	375	D	Pass	
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	444	D	361	D	0.00%	0.00%	0.00%	E	0	0	0.00%	0.00%		444	D	361	D	Pass	
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	329	C	371	C	3.61%	2.02%	1.59%	E	17	14	0.94%	0.79%		346	C	385	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,052	C	1,028	C	0.85%	0.33%	0.52%	E	4	3	0.22%	0.19%		1,056	C	1,032	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	1,035	C	1,237	C	0.57%	0.19%	0.38%	E	3	2	0.15%	0.12%		1,038	C	1,239	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	653	C	662	C	0.52%	0.30%	0.22%	E	2	2	0.14%	0.12%		655	C	664	C	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	786	D	653	C	0.00%	0.00%	0.00%	E	0	0	0.00%	0.00%		786	D	653	C	Pass	
878684	NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	1.00	4	E	1,910	2,000	2,000	1,164	C	979	C	0.13%	0.00%	0.13%	W	1	1	0.03%	0.03%		1,164	C	980	C	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	E	2,940	3,020	3,020	1,265	C	1,034	C	0.13%	0.00%	0.13%	W	1	1	0.02%	0.02%		1,266	C	1,034	C	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	E	2,940	3,020	3,020	1,272	C	1,027	C	1.71%	0.57%	1.14%	E	5	10	0.16%	0.33%		1,277	C	1,037	C	Pass	

Table III-1: Concurrency Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - Graham PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				GRAHAM PROJECT TRIPS				GRAHAM PROJECT TRIPS					TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	396	OUT =	467	Dir Analysis		% Adopted LOS								
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	1,497	C	1,151	C	0.07%	0.03%	0.03%	S	0	0	0.01%	0.01%		1,497	C	1,152	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	1,318	C	1,120	C	1.28%	0.57%	0.71%	S	5	6	0.25%	0.31%		1,323	C	1,126	C	Pass	
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	499	C	429	C	0.77%	0.57%	0.19%	S	5	2	0.62%	0.21%		504	C	430	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	499	C	428	C	1.56%	1.15%	0.41%	S	10	4	1.25%	0.45%		509	C	432	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	657	C	526	C	5.36%	3.63%	1.73%	S	31	15	1.74%	0.83%		688	C	541	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	0	n/a	0	n/a	7.91%	4.91%	3.00%	S	42	26	5.35%	3.27%	Y	42	C	26	C	Pass	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	2,000	0	n/a	0	n/a	7.91%	4.91%	3.00%	S	53	32	2.92%	1.79%		53	C	32	C	Pass	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	2,000	0	n/a	0	n/a	17.48%	7.49%	10.00%	N	80	107	4.45%	5.95%	Y	80	C	107	C	Pass	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,682	C	2,019	F	6.12%	2.95%	3.17%	S	24	29	1.35%	1.59%		1,707	C	2,048	F	Fail	Y
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	236	C	376	C	1.72%	0.96%	0.76%	S	7	8	0.38%	0.45%		242	C	384	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	2,000	0	n/a	0	n/a	17.48%	7.49%	10.00%	W	87	101	4.82%	5.59%	Y	87	C	101	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	2,000	0	n/a	0	n/a	13.91%	5.70%	8.21%	E	61	88	3.39%	4.89%		61	C	88	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	1,344	C	1,865	C	1.16%	0.05%	1.11%	W	5	5	0.15%	0.18%		1,348	C	1,870	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	2,786	C	3,257	F	1.92%	0.05%	1.87%	W	8	9	0.25%	0.30%		2,794	C	3,266	F	Fail	Y
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	3,020	2,282	C	1,862	C	3.71%	1.72%	1.99%	E	17	15	0.43%	0.36%		2,300	C	1,877	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	1,833	C	2,018	C	2.59%	1.40%	1.19%	E	12	10	0.40%	0.34%		1,845	C	2,029	C	Pass	
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	657	1,467	1,530	1,141	D	1,066	D	0.28%	-0.24%	0.52%	E	1	1	0.09%	0.08%		1,143	D	1,067	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	657	1,467	1,530	1,153	D	1,054	D	0.93%	0.32%	0.62%	E	4	4	0.30%	0.25%		1,157	D	1,058	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	657	1,467	1,530	836	D	787	D	0.45%	0.08%	0.37%	E	2	2	0.14%	0.12%		838	D	789	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	657	1,467	1,530	618	C	786	D	0.05%	0.00%	0.05%	E	0	0	0.02%	0.01%		619	C	786	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	747	792	792	1,129	F	1,079	F	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%		1,129	F	1,079	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	6,979	C	6,921	C	10.67%	4.77%	5.90%	S	42	50	0.46%	0.54%		7,021	C	6,971	C	Pass	
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	8,867	D	9,019	D	10.22%	3.67%	6.55%	S	40	48	0.44%	0.52%		8,907	D	9,066	D	Pass	
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	11,527	E	7,595	C	8.69%	2.81%	5.88%	S	34	41	0.31%	0.37%		11,561	E	7,636	C	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	2,207	C	2,481	C	2.39%	1.75%	0.64%	W	9	11	0.31%	0.37%		2,216	C	2,493	C	Pass	
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	1,565	C	1,761	C	1.34%	1.01%	0.33%	W	5	6	0.18%	0.21%		1,570	C	1,767	C	Pass	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	1,053	C	380	C	0.21%	0.09%	0.11%	W	1	1	0.05%	0.06%		1,054	C	381	C	Pass	
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	986	C	1,460	C	3.08%	0.47%	2.60%	W	12	14	0.40%	0.48%		999	C	1,474	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	938	C	1,508	C	2.64%	0.32%	2.32%	W	10	12	0.35%	0.41%		948	C	1,521	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	938	C	1,508	C	2.15%	0.07%	2.08%	E	10	9	0.33%	0.28%		948	C	1,517	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	2,053	C	2,109	C	2.22%	0.22%	2.00%	E	10	9	0.34%	0.29%		2,063	C	2,118	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	2,051	C	1,996	C	1.93%	0.12%	1.81%	E	9	8	0.30%	0.25%		2,060	C	2,003	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,126	C	1,979	C	4.33%	2.17%	2.16%	E	20	17	0.67%	0.57%		2,146	C	1,996	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,174	C	2,250	C	3.86%	2.11%	1.75%	E	18	15	0.60%	0.51%		2,192	C	2,265	C	Pass	
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,174	C	2,250	C	3.55%	1.99%	1.55%	E	17	14	0.55%	0.47%		2,191	C	2,264	C	Pass	
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,174	C	2,250	C	3.50%	1.97%	1.53%	E	16	14	0.54%	0.46%		2,190	C	2,263	C	Pass	
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	2,650	C	2,279	C	3.00%	1.69%	1.30%	E	14	12	0.46%	0.39%		2,664	C	2,291	C	Pass	
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	1,035	C	1,257	C	0.45%	0.22%	0.23%	E	2	2	0.08%	0.07%		1,038	C	1,259	C	Pass	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,386	C	1,560	C	0.31%	0.16%	0.15%	E	1	1	0.04%	0.03%		1,388	C	1,561	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	1,806	C	1,677	C	2.45%	0.87%	1.58%	E	11	10	0.38%	0.32%		1,817	C	1,686	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	1,626	C	1,758	C	0.43%	0.21%	0.22%	E	2	2	0.07%	0.06%		1,628	C	1,759	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	2,033	C	1,470	C	0.58%	0.30%	0.27%	E	3	2	0.10%	0.08%		2,035	C	1,472	C	Pass	
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	2,080	C	1,254	C	0.69%	0.44%	0.25%	E	3	3	0.12%	0.10%		2,083	C	1,257	C	Pass	

Volume from Model

Diverted Trip Route Segment (Net External Trips Applied)

Fails with total trips but Project % of Adopted LOS does not exceed 5%

Table III-2A: CDMP Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - Graham AM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				GRAHAM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	389	OUT =	275	Dir Analysis		% Adopted LOS								
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	10,242	F	4,954	B	4.19%	2.27%	1.92%	N	16	12	0.18%	0.13%		10,259	F	4,965	B	Fail	Y
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	6,046	C	3,609	B	4.19%	2.27%	1.92%	N	16	12	0.18%	0.13%		6,063	C	3,620	B	Pass	
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	7,579	C	5,828	C	6.62%	3.55%	3.07%	N	26	18	0.28%	0.20%		7,604	D	5,846	C	Pass	
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	7,273	C	7,891	D	7.88%	4.36%	3.51%	N	31	22	0.33%	0.24%		7,303	C	7,913	D	Pass	
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	6,019	C	7,634	D	9.50%	5.41%	4.09%	N	37	26	0.40%	0.29%		6,056	C	7,660	D	Pass	
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	5,122	B	8,266	D	10.89%	6.11%	4.78%	N	42	30	0.46%	0.33%		5,165	B	8,296	D	Pass	
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	4,342	B	7,287	C	14.92%	9.18%	5.74%	N	61	38	0.67%	0.42%		4,403	B	7,325	C	Pass	
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	4,694	B	7,877	D	5.94%	5.94%	0.00%	S	39	0	0.43%	0.00%		4,733	B	7,877	D	Pass	
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	2,671	B	4,046	B	14.00%	5.94%	8.06%	W	39	54	0.53%	0.74%		2,709	B	4,100	B	Pass	
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	4,602	C	4,641	C	11.12%	4.85%	6.28%	W	31	43	0.42%	0.59%		4,632	C	4,685	C	Pass	
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	4,557	C	4,597	C	7.50%	2.92%	4.58%	W	21	29	0.28%	0.40%		4,578	C	4,626	C	Pass	
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	7,514	E	6,188	D	3.57%	1.75%	1.82%	S	10	14	0.13%	0.19%		7,524	E	6,202	D	Fail	Y
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	7,387	F	7,025	F	3.57%	1.75%	1.82%	S	10	14	0.18%	0.25%		7,396	F	7,039	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	6,908	D	6,686	D	5.19%	2.53%	2.66%	S	14	20	0.20%	0.28%		6,923	D	6,706	D	Pass	
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	4,335	B	4,897	C	2.31%	1.92%	0.39%	N	9	6	0.12%	0.09%		4,344	B	4,904	C	Pass	
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	7,361	C	7,053	C	6.88%	3.49%	3.39%	S	19	27	0.17%	0.24%		7,380	C	7,080	C	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	7,615	C	3,196	B	8.88%	4.49%	4.39%	S	24	35	0.22%	0.31%		7,639	C	3,231	B	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	6,073	B	6,939	C	10.88%	5.49%	5.39%	S	30	42	0.27%	0.39%		6,103	B	6,981	C	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	5,690	B	8,267	C	10.88%	5.49%	5.39%	S	30	42	0.23%	0.33%		5,720	B	8,310	C	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	6,232	B	6,943	B	15.48%	7.32%	8.16%	S	43	60	0.33%	0.47%		6,275	B	7,003	B	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	6,153	B	8,957	B	21.00%	10.86%	10.14%	S	58	82	0.37%	0.52%		6,211	B	9,039	B	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	4,996	B	7,650	B	35.59%	17.38%	18.21%	S	115	121	0.90%	0.94%		5,111	B	7,771	B	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	10,700	10,980	12,160	3,189	B	6,622	B	24.74%	6.53%	18.21%	N	43	121	0.39%	1.10%		3,232	B	6,743	B	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	3,189	B	6,622	B	19.71%	6.53%	13.18%	N	43	88	0.39%	0.80%		3,232	B	6,710	B	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	6,702	B	3,752	B	18.02%	11.49%	6.53%	W	76	43	0.69%	0.39%		6,779	C	3,795	B	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	2,783	B	1,622	B	3.50%	1.78%	1.71%	W	10	14	0.17%	0.25%		2,792	B	1,635	B	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	2,182	B	1,559	B	2.12%	1.14%	0.98%	W	6	8	0.11%	0.15%		2,188	B	1,567	B	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	2,218	B	1,264	B	1.94%	1.08%	0.86%	W	5	8	0.10%	0.14%		2,224	B	1,272	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,719	1,800	1,800	421	C	351	C	0.00%	0.00%	0.00%	N	0	0	0.00%	0.00%		421	C	351	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	-	D	NOT 2020 LINK																					
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	-	D	NOT 2020 LINK																					
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	1,800	234	C	195	C	34.76%	19.57%	15.18%	N	149	104	8.28%	5.77%	Y	383	C	299	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	234	C	195	C	34.76%	19.57%	15.18%	W	142	111	3.93%	3.05%		376	C	305	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	1,181	C	986	C	34.76%	19.57%	15.18%	W	142	111	3.93%	3.05%		1,324	C	1,097	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	803	C	2,679	F	17.37%	8.72%	8.65%	W	58	57	2.41%	2.39%		861	C	2,736	F	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	803	C	2,679	F	10.91%	5.37%	5.53%	W	30	42	1.25%	1.77%		833	C	2,721	F	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,450	C	965	C	8.10%	3.79%	4.31%	W	22	32	0.93%	1.31%		1,473	C	996	C	Pass	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,450	C	965	C	5.12%	2.47%	2.65%	W	14	20	0.59%	0.83%		1,465	C	985	C	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,143	C	824	C	2.96%	1.39%	1.57%	W	8	12	0.34%	0.48%		1,151	C	835	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	788	C	653	C	1.55%	0.77%	0.78%	W	4	6	0.12%	0.17%		792	C	659	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	2,718	676	C	810	C	20.49%	8.99%	11.50%	E	65	84	2.41%	3.08%		742	C	894	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	2,718	444	C	532	C	20.49%	8.99%	11.50%	W	61	88	2.25%	3.23%		505	C	620	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	776	F	779	F	0.50%	0.28%	0.22%	W	1	2	0.20%	0.29%		778	F	780	F	Fail	Y
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	776	F	779	F	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%		776	F	779	F	Fail	Y
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	744	C	375	C	3.61%	2.02%	1.59%	W	10	14	0.55%	0.78%		754	C	389	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,333	C	1,088	C	0.85%	0.33%	0.52%	W	2	3	0.13%	0.18%		1,335	C	1,091	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	770	C	732	C	0.57%	0.19%	0.38%	W	2	2	0.09%	0.12%		772	C	734	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	864	D	604	C	0.52%	0.30%	0.22%	W	1	2	0.08%	0.12%		866	D	606	C	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	970	D	705	C	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%		970	D	705	C	Pass	
878684	NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	1.00	4	E	1,910	2,000	2,000	590	C	808	C	0.13%	0.00%	0.13%	E	1	0	0.03%	0.02%		591	C	809	C	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	E	2,940	3,020	3,020	705	C	1,152	C	0.13%	0.00%	0.13%	E	1	0	0.02%	0.01%		706	C	1,152	C	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	E	2,940	3,020	3,020	705	C	1,152	C	1.71%	0.57%	1.14%	W	4	8	0.13%	0.25%		709	C	1,159	C	Pass	

Table III-2A: CDMP Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - Graham AM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				GRAHAM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	389	OUT =	275	Dir Analysis		% Adopted LOS		Study Area Link?						
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB		NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	920	C	1,235	C	0.07%	0.03%	0.03%	N	0	0	0.01%	0.01%		921	C	1,235	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	752	C	1,010	C	1.28%	0.57%	0.71%	N	4	5	0.19%	0.24%		755	C	1,014	C	Pass	
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	402	C	245	C	0.77%	0.57%	0.19%	N	4	1	0.48%	0.16%		405	C	246	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	402	C	245	C	1.56%	1.15%	0.41%	N	8	3	0.96%	0.35%		409	C	248	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	402	C	245	C	5.36%	3.63%	1.73%	N	24	11	1.34%	0.64%		426	C	256	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	402	C	245	C	7.91%	4.91%	3.00%	N	33	20	4.12%	2.52%		434	C	265	C	Pass	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	1,800	629	C	525	C	7.91%	4.91%	3.00%	N	36	22	1.99%	1.21%		665	C	547	C	Pass	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	1,800	612	C	511	C	17.48%	7.49%	10.00%	S	55	73	3.03%	4.04%		667	C	584	C	Pass	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,377	C	1,083	C	6.12%	2.95%	3.17%	N	24	17	1.32%	0.93%		1,401	C	1,100	C	Pass	
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	614	C	305	C	1.72%	0.96%	0.76%	N	7	5	0.37%	0.26%		621	C	310	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	1,800	430	C	359	C	17.48%	7.49%	10.00%	E	75	52	4.17%	2.90%		505	C	411	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	1,800	297	C	248	C	13.91%	5.70%	8.21%	W	41	60	2.30%	3.32%		339	C	308	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	1,739	C	1,217	C	1.16%	0.05%	1.11%	E	5	3	0.15%	0.11%		1,744	C	1,220	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	2,828	C	1,957	C	1.92%	0.05%	1.87%	E	7	5	0.25%	0.18%		2,835	C	1,963	C	Pass	
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	4,040	2,272	C	1,882	C	3.71%	1.72%	1.99%	W	10	14	0.25%	0.36%		2,282	C	1,896	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	2,186	C	2,006	C	2.59%	1.40%	1.19%	W	7	10	0.24%	0.33%		2,193	C	2,016	C	Pass	
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	657	1,467	1,530	964	D	921	D	0.28%	-0.24%	0.52%	W	1	1	0.05%	0.08%		965	D	922	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	657	1,467	1,530	964	D	921	D	0.93%	0.32%	0.62%	W	3	4	0.17%	0.25%		966	D	925	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	657	1,467	1,530	966	D	810	D	0.45%	0.08%	0.37%	W	1	2	0.08%	0.12%		967	D	812	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	657	1,467	1,530	491	C	759	D	0.05%	0.00%	0.05%	W	0	0	0.01%	0.01%		491	C	760	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	747	792	792	1,170	F	1,119	F	0.00%	0.00%	0.00%	E	0	0	0.00%	0.00%		1,170	F	1,119	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	7,343	C	6,038	C	10.67%	4.77%	5.90%	N	41	29	0.45%	0.32%		7,385	C	6,067	C	Pass	
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	7,782	D	9,513	E	10.22%	3.67%	6.55%	N	40	28	0.43%	0.31%		7,822	D	9,541	E	Fail	Y
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	9,282	D	11,199	E	8.69%	2.81%	5.88%	N	34	24	0.31%	0.22%		9,316	D	11,223	E	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	3,168	F	1,868	C	2.39%	1.75%	0.64%	E	9	7	0.31%	0.22%		3,177	F	1,874	C	Fail	Y
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	2,088	C	1,643	C	1.34%	1.01%	0.33%	E	5	4	0.17%	0.12%		2,093	C	1,647	C	Pass	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	294	C	1,488	C	0.21%	0.09%	0.11%	E	1	1	0.05%	0.04%		295	C	1,489	C	Pass	
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	1,311	C	1,011	C	3.08%	0.47%	2.60%	E	12	8	0.40%	0.28%		1,323	C	1,020	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	1,311	C	1,011	C	2.64%	0.32%	2.32%	E	10	7	0.34%	0.24%		1,321	C	1,018	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	1,311	C	1,011	C	2.15%	0.07%	2.08%	W	6	8	0.20%	0.28%		1,316	C	1,019	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	1,612	C	1,690	C	2.22%	0.22%	2.00%	W	6	9	0.20%	0.29%		1,618	C	1,699	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	1,612	C	1,690	C	1.93%	0.12%	1.81%	W	5	8	0.18%	0.25%		1,617	C	1,698	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,250	C	1,701	C	4.33%	2.17%	2.16%	W	12	17	0.39%	0.56%		2,262	C	1,718	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,167	C	1,854	C	3.86%	2.11%	1.75%	W	11	15	0.35%	0.50%		2,177	C	1,869	C	Pass	
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,167	C	1,854	C	3.55%	1.99%	1.55%	W	10	14	0.32%	0.46%		2,176	C	1,867	C	Pass	
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,167	C	1,854	C	3.50%	1.97%	1.53%	W	10	14	0.32%	0.45%		2,176	C	1,867	C	Pass	
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	2,342	C	3,359	F	3.00%	1.69%	1.30%	W	8	12	0.27%	0.39%		2,350	C	3,371	F	Fail	Y
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	1,828	C	1,507	C	0.45%	0.22%	0.23%	W	1	2	0.05%	0.06%		1,829	C	1,508	C	Pass	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,311	C	1,256	C	0.31%	0.16%	0.15%	W	1	1	0.02%	0.03%		1,312	C	1,258	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	1,642	C	1,479	C	2.45%	0.87%	1.58%	W	7	10	0.22%	0.32%		1,648	C	1,488	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	1,916	C	2,146	C	0.43%	0.21%	0.22%	W	1	2	0.04%	0.06%		1,917	C	2,148	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	1,451	C	2,368	C	0.58%	0.30%	0.27%	W	2	2	0.06%	0.08%		1,452	C	2,370	C	Pass	
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	1,444	C	2,036	C	0.69%	0.44%	0.25%	W	2	3	0.07%	0.10%		1,445	C	2,039	C	Pass	

Volume from Model
Diverted Trip Route Segment (Net External Trips Applied)
Fails with total trips but Project % of Adopted LOS does not exceed 5%

Table III-2B: CDMP Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - Graham PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				GRAHAM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	396	OUT =	467	Dir Analysis		% Adopted LOS		Study Area Link?						
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB		NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	5,957	C	8,843	D	4.19%	2.27%	1.92%	S	17	20	0.18%	0.21%		5,974	C	8,862	D	Pass	
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	4,161	B	5,481	B	4.19%	2.27%	1.92%	S	17	20	0.18%	0.21%		4,178	B	5,500	B	Pass	
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	6,140	C	8,692	D	6.62%	3.55%	3.07%	S	26	31	0.29%	0.34%		6,167	C	8,722	D	Pass	
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	7,568	C	8,321	D	7.88%	4.36%	3.51%	S	31	37	0.34%	0.40%		7,600	C	8,358	D	Pass	
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	7,567	C	6,665	C	9.50%	5.41%	4.09%	S	38	44	0.41%	0.48%		7,605	D	6,709	C	Pass	
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	8,510	D	5,610	B	10.89%	6.11%	4.78%	S	43	51	0.47%	0.56%		8,553	D	5,661	C	Pass	
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	7,262	C	4,825	B	14.92%	9.18%	5.74%	S	79	50	0.86%	0.54%		7,341	C	4,874	B	Pass	
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	7,850	D	5,215	B	5.94%	5.94%	0.00%	N	51	0	0.56%	0.00%		7,901	D	5,215	B	Pass	
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	4,244	B	3,107	B	14.00%	5.94%	8.06%	E	65	55	0.89%	0.76%		4,309	B	3,162	B	Pass	
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	4,760	C	4,628	C	11.12%	4.85%	6.28%	E	52	44	0.71%	0.60%		4,812	C	4,672	C	Pass	
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	4,714	C	4,583	C	7.50%	2.92%	4.58%	E	35	30	0.48%	0.41%		4,749	C	4,613	C	Pass	
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	6,986	D	6,471	D	3.57%	1.75%	1.82%	N	17	14	0.23%	0.19%		7,003	D	6,485	D	Pass	
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	6,739	F	7,374	F	3.57%	1.75%	1.82%	N	17	14	0.30%	0.26%		6,756	F	7,388	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	6,987	D	6,921	D	5.19%	2.53%	2.66%	N	24	21	0.33%	0.28%		7,011	D	6,942	D	Pass	
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	5,752	C	4,897	C	2.31%	1.92%	0.39%	S	9	11	0.12%	0.15%		5,761	C	4,908	C	Pass	
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	7,781	C	7,407	C	6.88%	3.49%	3.39%	N	32	27	0.29%	0.25%		7,813	C	7,434	C	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	6,862	C	6,148	B	8.88%	4.49%	4.39%	N	41	35	0.38%	0.32%		6,903	C	6,183	B	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	5,008	B	4,547	B	10.88%	5.49%	5.39%	N	51	43	0.46%	0.39%		5,059	B	4,590	B	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	7,050	B	6,509	B	10.88%	5.49%	5.39%	N	51	43	0.39%	0.33%		7,100	B	6,552	B	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	7,872	B	5,352	B	15.48%	7.32%	8.16%	N	72	61	0.56%	0.48%		7,944	C	5,413	B	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	7,457	B	5,748	B	21.00%	10.86%	10.14%	N	98	83	0.62%	0.53%		7,555	B	5,832	B	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	6,978	B	4,701	B	35.59%	17.38%	18.21%	N	150	157	1.16%	1.22%		7,128	B	4,858	B	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	10,700	10,980	12,160	6,775	B	3,817	B	24.74%	6.53%	18.21%	S	56	157	0.51%	1.43%		6,832	B	3,974	B	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	6,775	C	3,817	B	19.71%	6.53%	13.18%	S	56	114	0.51%	1.04%		6,832	C	3,930	B	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	3,859	B	6,721	B	18.02%	11.49%	6.53%	E	99	56	0.90%	0.51%		3,958	B	6,778	C	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	1,437	B	2,985	B	3.50%	1.78%	1.71%	E	16	14	0.30%	0.25%		1,453	B	2,999	B	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	2,452	B	3,041	B	2.12%	1.14%	0.98%	E	10	8	0.18%	0.15%		2,462	B	3,050	B	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	1,578	B	2,045	B	1.94%	1.08%	0.86%	E	9	8	0.16%	0.14%		1,587	B	2,053	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,719	1,800	1,800	351	C	421	C	0.00%	0.00%	0.00%	S	0	0	0.00%	0.00%		351	C	421	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	-	D	OT 2020 ROADWAY LIN																					
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	-	D	OT 2020 ROADWAY LIN																					
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	1,800	195	C	234	C	34.76%	19.57%	15.18%	S	172	200	9.58%	11.10%	Y	367	C	433	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	195	C	234	C	34.76%	19.57%	15.18%	E	210	163	5.78%	4.49%	Y	405	C	396	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	986	C	1,181	C	34.76%	19.57%	15.18%	E	210	163	5.78%	4.49%	Y	1,196	C	1,344	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	2,551	F	1,112	C	17.37%	8.72%	8.65%	E	75	75	3.13%	3.11%		2,626	F	1,187	C	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	2,551	F	1,112	C	10.91%	5.37%	5.53%	E	51	43	2.12%	1.80%		2,602	F	1,155	C	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,450	C	1,724	C	8.10%	3.79%	4.31%	E	38	32	1.58%	1.34%		1,488	C	1,756	C	Pass	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,450	C	1,724	C	5.12%	2.47%	2.65%	E	24	20	1.00%	0.84%		1,474	C	1,744	C	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,282	C	1,502	C	2.96%	1.39%	1.57%	E	14	12	0.58%	0.49%		1,296	C	1,514	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	845	C	952	C	1.55%	0.77%	0.78%	E	7	6	0.20%	0.17%		853	C	958	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	2,718	810	C	676	C	20.49%	8.99%	11.50%	W	96	123	3.54%	4.53%		906	C	800	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	2,718	532	C	444	C	20.49%	8.99%	11.50%	E	118	102	4.33%	3.74%		650	C	546	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	466	D	379	D	0.50%	0.28%	0.22%	E	2	2	0.35%	0.30%		469	D	381	D	Pass	
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	466	D	379	D	0.00%	0.00%	0.00%	E	0	0	0.00%	0.00%		466	D	379	D	Pass	
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	374	C	421	C	3.61%	2.02%	1.59%	E	17	14	0.94%	0.79%		390	C	435	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,035	C	1,012	C	0.85%	0.33%	0.52%	E	4	3	0.22%	0.19%		1,039	C	1,016	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	1,051	C	1,255	C	0.57%	0.19%	0.38%	E	3	2	0.15%	0.12%		1,053	C	1,258	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	685	C	694	C	0.52%	0.30%	0.22%	E	2	2	0.14%	0.12%		687	C	696	C	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	894	D	742	D	0.00%	0.00%	0.00%	E	0	0	0.00%	0.00%		894	D	742	D	Pass	
878684	NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	1.00	4	E	1,910	2,000	2,000	875	C	740	C	0.13%	0.00%	0.13%	W	1	1	0.03%	0.03%		876	C	741	C	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	E	2,940	3,020	3,020	1,031	C	832	C	0.13%	0.00%	0.13%	W	1	1	0.02%	0.02%		1,031	C	832	C	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	E	2,940	3,020	3,020	1,031	C	832	C	1.71%	0.57%	1.14%	E	5	10	0.16%	0.33%		1,036	C	842	C	Pass	

Table III-2B: CDMP Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - Graham PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				GRAHAM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	396	OUT =	467	Dir Analysis		% Adopted LOS								
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	1,554	C	1,187	C	0.07%	0.03%	0.03%	S	0	0	0.01%	0.01%		1,554	C	1,187	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	1,092	C	944	C	1.28%	0.57%	0.71%	S	5	6	0.25%	0.31%		1,097	C	950	C	Pass	
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	430	C	369	C	0.77%	0.57%	0.19%	S	5	2	0.62%	0.21%		435	C	371	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	430	C	369	C	1.56%	1.15%	0.41%	S	10	4	1.25%	0.45%		440	C	372	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	430	C	369	C	5.36%	3.63%	1.73%	S	31	15	1.74%	0.83%		461	C	384	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	430	C	369	C	7.91%	4.91%	3.00%	S	42	26	5.35%	3.27%	Y	472	C	395	C	Pass	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	1,800	525	C	629	C	7.91%	4.91%	3.00%	S	53	32	2.92%	1.79%		578	C	661	C	Pass	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	1,800	511	C	612	C	17.48%	7.49%	10.00%	N	80	107	4.45%	5.95%	Y	591	C	719	C	Pass	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,521	C	1,826	F	6.12%	2.95%	3.17%	S	24	29	1.35%	1.59%		1,545	C	1,855	F	Fail	Y
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	199	C	318	C	1.72%	0.96%	0.76%	S	7	8	0.38%	0.45%		206	C	326	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	1,800	359	C	430	C	17.48%	7.49%	10.00%	W	87	101	4.82%	5.59%	Y	445	C	530	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	1,800	248	C	297	C	13.91%	5.70%	8.21%	E	61	88	3.39%	4.89%		309	C	385	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	1,503	C	2,086	C	1.16%	0.05%	1.11%	W	5	5	0.15%	0.18%		1,507	C	2,091	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	2,928	C	3,423	F	1.92%	0.05%	1.87%	W	8	9	0.25%	0.30%		2,936	C	3,432	F	Fail	Y
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	4,040	2,399	C	1,957	C	3.71%	1.72%	1.99%	E	17	15	0.43%	0.36%		2,416	C	1,972	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	2,082	C	2,293	C	2.59%	1.40%	1.19%	E	12	10	0.40%	0.34%		2,094	C	2,303	C	Pass	
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	657	1,467	1,530	1,075	D	983	D	0.28%	-0.24%	0.52%	E	1	1	0.09%	0.08%		1,076	D	984	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	657	1,467	1,530	1,075	D	983	D	0.93%	0.32%	0.62%	E	4	4	0.30%	0.25%		1,079	D	987	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	657	1,467	1,530	880	D	828	D	0.45%	0.08%	0.37%	E	2	2	0.14%	0.12%		882	D	830	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	657	1,467	1,530	515	C	699	D	0.05%	0.00%	0.05%	E	0	0	0.02%	0.01%		515	C	699	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	747	792	792	1,305	F	1,194	F	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%		1,305	F	1,194	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	7,739	D	7,688	D	10.67%	4.77%	5.90%	S	42	50	0.46%	0.54%		7,781	D	7,738	D	Pass	
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	9,188	E	9,348	E	10.22%	3.67%	6.55%	S	40	48	0.44%	0.52%		9,228	E	9,396	E	Fail	Y
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	13,041	F	8,593	C	8.69%	2.81%	5.88%	S	34	41	0.31%	0.37%		13,076	F	8,634	C	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	2,320	C	2,608	C	2.39%	1.75%	0.64%	W	9	11	0.31%	0.37%		2,329	C	2,619	C	Pass	
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	1,730	C	1,946	C	1.34%	1.01%	0.33%	W	5	6	0.18%	0.21%		1,736	C	1,953	C	Pass	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	1,107	C	399	C	0.21%	0.09%	0.11%	W	1	1	0.05%	0.06%		1,108	C	400	C	Pass	
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	930	C	1,495	C	3.08%	0.47%	2.60%	W	12	14	0.40%	0.48%		942	C	1,510	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	930	C	1,495	C	2.64%	0.32%	2.32%	W	10	12	0.35%	0.41%		940	C	1,508	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	930	C	1,495	C	2.15%	0.07%	2.08%	E	10	9	0.33%	0.28%		940	C	1,504	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	1,832	C	1,781	C	2.22%	0.22%	2.00%	E	10	9	0.34%	0.29%		1,842	C	1,790	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	1,832	C	1,781	C	1.93%	0.12%	1.81%	E	9	8	0.30%	0.25%		1,841	C	1,789	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,235	C	2,080	C	4.33%	2.17%	2.16%	E	20	17	0.67%	0.57%		2,255	C	2,097	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,285	C	2,364	C	3.86%	2.11%	1.75%	E	18	15	0.60%	0.51%		2,303	C	2,380	C	Pass	
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,285	C	2,364	C	3.55%	1.99%	1.55%	E	17	14	0.55%	0.47%		2,301	C	2,378	C	Pass	
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,285	C	2,364	C	3.50%	1.97%	1.53%	E	16	14	0.54%	0.46%		2,301	C	2,378	C	Pass	
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	3,382	F	2,908	C	3.00%	1.69%	1.30%	E	14	12	0.46%	0.39%		3,396	F	2,920	C	Fail	Y
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	1,321	C	1,605	C	0.45%	0.22%	0.23%	E	2	2	0.08%	0.07%		1,324	C	1,607	C	Pass	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,457	C	1,639	C	0.31%	0.16%	0.15%	E	1	1	0.04%	0.03%		1,459	C	1,640	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	1,898	C	1,762	C	2.45%	0.87%	1.58%	E	11	10	0.38%	0.32%		1,909	C	1,772	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	1,794	C	1,939	C	0.43%	0.21%	0.22%	E	2	2	0.07%	0.06%		1,796	C	1,940	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	2,136	C	1,545	C	0.58%	0.30%	0.27%	E	3	2	0.10%	0.08%		2,139	C	1,547	C	Pass	
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	2,186	C	1,318	C	0.69%	0.44%	0.25%	E	3	3	0.12%	0.10%		2,189	C	1,321	C	Pass	

Volume from Model

Diverted Trip Route Segment (Net External Trips Applied)

Fails with total trips but Project % of Adopted LOS does not exceed 5%

3.0 YEAR 2020 AM AND PM ZONING ANALYSES

Both roadway link and intersection AM and PM analyses are required for the Year 2020 Zoning review. Each set of analyses are detailed here.

3.1 Year 2020 Zoning Roadway Link LOS

The process for preparing the Zoning background trips was demonstrated in **Table I-13**. The background trips are applied for the Graham Zoning AM and PM analyses. In addition to these background trips, the Graham trips were added to obtain total trips by the year 2020. The Year 2020 Graham project trips were identified in **Table I-17**.

The total trips were compared to the year 2020 MSVs and LOS operations were established for each link. The links were identified as either "Pass" or "Fail" the adopted LOS and if it failed a determination of whether the deficiency was due to backlogged conditions (e.g. background with Graham trips) or the total trips was identified. Those links which fail due to just the total trips and which meet the five percent (5%) of MSV criteria of significance are Project improvements.

Tables III-3A and III-3B shows the Graham level of service analyses for the Year 2020 AM and PM Zoning review. A detailed summary of the deficiencies and mitigations are provided in the section titled Mitigation Summary at the end of this Chapter.

3.2 Year 2020 Zoning Intersection LOS

The development of the Year 2020 Zoning TMVs are referenced in **Appendix I-K** and includes the before mentioned incorporation of percent project distributions, for the ADM (for the project trips), and the balancing of trips to ensure that inbound and outbound approach volumes were reasonable.

Once again, the background TMVs were analyzed using the Synchro software as were the total TMVs. The with ADM plus with Graham, or Combined, Project trips serve as the premise for all total intersection LOS analyses. There are no longer individual ADM or Graham total intersection analyses. **Table III-4** shows the resulting Total with Combined LOS operational findings for the Year 2020 Zoning AM and PM analyses and include the results of the implementing lane configuration mitigations to address congestion at needed intersections (see **Appendix IV-D** and **Appendix IV-E** for descriptions on the mitigation needs and responsibilities). The background LOS Synchro analyses printouts are provided in **Appendix I-P**. The LOS Synchro Combined ADM/Graham Project Trip analysis HCM 2010 printouts are provided in **Appendix IV-B** for year 2020. A detailed summary of the deficiencies and mitigations are provided in the section titled Mitigation Summary at the end of this Chapter.

Table III-3A: Zoning Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - Graham AM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				GRAHAM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	389	OUT =	275	Dir Analysis		% Adopted LOS								
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	10,242	F	4,954	B	4.19%	2.27%	1.92%	N	16	12	0.18%	0.13%		10,259	F	4,965	B	Fail	Y
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	6,046	C	3,609	B	4.19%	2.27%	1.92%	N	16	12	0.18%	0.13%		6,063	C	3,620	B	Pass	
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	7,579	C	5,828	C	6.62%	3.55%	3.07%	N	26	18	0.28%	0.20%		7,604	D	5,846	C	Pass	
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	7,273	C	7,891	D	7.88%	4.36%	3.51%	N	31	22	0.33%	0.24%		7,303	C	7,913	D	Pass	
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	6,019	C	7,634	D	9.50%	5.41%	4.09%	N	37	26	0.40%	0.29%		6,056	C	7,660	D	Pass	
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	5,122	B	8,266	D	10.89%	6.11%	4.78%	N	42	30	0.46%	0.33%		5,165	B	8,296	D	Pass	
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	4,342	B	7,287	C	14.92%	9.18%	5.74%	N	61	38	0.67%	0.42%		4,403	B	7,325	C	Pass	
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	4,694	B	7,877	D	5.94%	5.94%	0.00%	S	39	0	0.43%	0.00%		4,733	B	7,877	D	Pass	
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	2,671	B	4,046	B	14.00%	5.94%	8.06%	W	39	54	0.53%	0.74%		2,709	B	4,100	B	Pass	
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	4,602	C	4,641	C	11.12%	4.85%	6.28%	W	31	43	0.42%	0.59%		4,632	C	4,685	C	Pass	
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	4,557	C	4,597	C	7.50%	2.92%	4.58%	W	21	29	0.28%	0.40%		4,578	C	4,626	C	Pass	
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	7,514	E	6,188	D	3.57%	1.75%	1.82%	S	10	14	0.13%	0.19%		7,524	E	6,202	D	Fail	Y
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	7,387	F	7,025	F	3.57%	1.75%	1.82%	S	10	14	0.18%	0.25%		7,396	F	7,039	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	6,908	D	6,686	D	5.19%	2.53%	2.66%	S	14	20	0.20%	0.28%		6,923	D	6,706	D	Pass	
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	4,335	B	4,897	C	2.31%	1.92%	0.39%	N	9	6	0.12%	0.09%		4,344	B	4,904	C	Pass	
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	7,361	C	7,053	C	6.88%	3.49%	3.39%	S	19	27	0.17%	0.24%		7,380	C	7,080	C	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	7,615	C	3,196	B	8.88%	4.49%	4.39%	S	24	35	0.22%	0.31%		7,639	C	3,231	B	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	6,073	B	6,939	C	10.88%	5.49%	5.39%	S	30	42	0.27%	0.39%		6,103	B	6,981	C	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	5,690	B	8,267	C	10.88%	5.49%	5.39%	S	30	42	0.23%	0.33%		5,720	B	8,310	C	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	6,232	B	6,943	B	15.48%	7.32%	8.16%	S	43	60	0.33%	0.47%		6,275	B	7,003	B	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	6,153	B	8,957	B	21.00%	10.86%	10.14%	S	58	82	0.37%	0.52%		6,211	B	9,039	B	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	4,996	B	7,650	B	35.59%	17.38%	18.21%	S	115	121	0.90%	0.94%		5,111	B	7,771	B	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	10,700	10,980	12,160	3,189	B	6,622	B	24.74%	6.53%	18.21%	N	43	121	0.39%	1.10%		3,232	B	6,743	B	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	3,189	B	6,622	B	19.71%	6.53%	13.18%	N	43	88	0.39%	0.80%		3,232	B	6,710	B	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	6,702	B	3,752	B	18.02%	11.49%	6.53%	W	76	43	0.69%	0.39%		6,779	C	3,795	B	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	2,783	B	1,622	B	3.50%	1.78%	1.71%	W	10	14	0.17%	0.25%		2,792	B	1,635	B	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	2,182	B	1,559	B	2.12%	1.14%	0.98%	W	6	8	0.11%	0.15%		2,188	B	1,567	B	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	2,218	B	1,264	B	1.94%	1.08%	0.86%	W	5	8	0.10%	0.14%		2,224	B	1,272	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,719	1,800	1,800	421	C	351	C	0.00%	0.00%	0.00%	N	0	0	0.00%	0.00%		421	C	351	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	-	D	NOT 2020 LINK																					
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	-	D	NOT 2020 LINK																					
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	1,800	234	C	195	C	34.76%	19.57%	15.18%	N	149	104	8.28%	5.77%	Y	383	C	299	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	234	C	195	C	34.76%	19.57%	15.18%	W	142	111	3.93%	3.05%		376	C	305	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	1,181	C	986	C	34.76%	19.57%	15.18%	W	142	111	3.93%	3.05%		1,324	C	1,097	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	803	C	2,679	F	17.37%	8.72%	8.65%	W	58	57	2.41%	2.39%		861	C	2,736	F	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	803	C	2,679	F	10.91%	5.37%	5.53%	W	30	42	1.25%	1.77%		833	C	2,721	F	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,450	C	965	C	8.10%	3.79%	4.31%	W	22	32	0.93%	1.31%		1,473	C	996	C	Pass	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,450	C	965	C	5.12%	2.47%	2.65%	W	14	20	0.59%	0.83%		1,465	C	985	C	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,143	C	824	C	2.96%	1.39%	1.57%	W	8	12	0.34%	0.48%		1,151	C	835	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	788	C	653	C	1.55%	0.77%	0.78%	W	4	6	0.12%	0.17%		792	C	659	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	2,718	676	C	810	C	20.49%	8.99%	11.50%	E	65	84	2.41%	3.08%		742	C	894	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	2,718	444	C	532	C	20.49%	8.99%	11.50%	W	61	88	2.25%	3.23%		505	C	620	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	776	F	779	F	0.50%	0.28%	0.22%	W	1	2	0.20%	0.29%		778	F	780	F	Fail	Y
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	776	F	779	F	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%		776	F	779	F	Fail	Y
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	744	C	375	C	3.61%	2.02%	1.59%	W	10	14	0.55%	0.78%		754	C	389	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,333	C	1,088	C	0.85%	0.33%	0.52%	W	2	3	0.13%	0.18%		1,335	C	1,091	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	770	C	732	C	0.57%	0.19%	0.38%	W	2	2	0.09%	0.12%		772	C	734	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	864	D	604	C	0.52%	0.30%	0.22%	W	1	2	0.08%	0.12%		866	D	606	C	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	970	D	705	C	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%		970	D	705	C	Pass	
878684	NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	1.00	4	E	1,910	2,000	2,000	590	C	808	C	0.13%	0.00%	0.13%	E	1	0	0.03%	0.02%		591	C	809	C	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	E	2,940	3,020	3,020	705	C	1,152	C	0.13%	0.00%	0.13%	E	1	0	0.02%	0.01%		706	C	1,152	C	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	E	2,940	3,020	3,020	705	C	1,152	C	1.71%	0.57%	1.14%	W	4	8	0.13%	0.25%		709	C	1,159	C	Pass	

Table III-3A: Zoning Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - Graham AM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				GRAHAM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	389	OUT =	275	Dir Analysis		% Adopted LOS								
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	920	C	1,235	C	0.07%	0.03%	0.03%	N	0	0	0.01%	0.01%		921	C	1,235	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	752	C	1,010	C	1.28%	0.57%	0.71%	N	4	5	0.19%	0.24%		755	C	1,014	C	Pass	
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	402	C	245	C	0.77%	0.57%	0.19%	N	4	1	0.48%	0.16%		405	C	246	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	402	C	245	C	1.56%	1.15%	0.41%	N	8	3	0.96%	0.35%		409	C	248	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	402	C	245	C	5.36%	3.63%	1.73%	N	24	11	1.34%	0.64%		426	C	256	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	402	C	245	C	7.91%	4.91%	3.00%	N	33	20	4.12%	2.52%		434	C	265	C	Pass	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	1,800	629	C	525	C	7.91%	4.91%	3.00%	N	36	22	1.99%	1.21%		665	C	547	C	Pass	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	1,800	612	C	511	C	17.48%	7.49%	10.00%	S	55	73	3.03%	4.04%		667	C	584	C	Pass	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,377	C	1,083	C	6.12%	2.95%	3.17%	N	24	17	1.32%	0.93%		1,401	C	1,100	C	Pass	
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	614	C	305	C	1.72%	0.96%	0.76%	N	7	5	0.37%	0.26%		621	C	310	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	1,800	430	C	359	C	17.48%	7.49%	10.00%	E	75	52	4.17%	2.90%		505	C	411	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	1,800	297	C	248	C	13.91%	5.70%	8.21%	W	41	60	2.30%	3.32%		339	C	308	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	1,739	C	1,217	C	1.16%	0.05%	1.11%	E	5	3	0.15%	0.11%		1,744	C	1,220	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	2,828	C	1,957	C	1.92%	0.05%	1.87%	E	7	5	0.25%	0.18%		2,835	C	1,963	C	Pass	
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	4,040	2,272	C	1,882	C	3.71%	1.72%	1.99%	W	10	14	0.25%	0.36%		2,282	C	1,896	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	2,186	C	2,006	C	2.59%	1.40%	1.19%	W	7	10	0.24%	0.33%		2,193	C	2,016	C	Pass	
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	657	1,467	1,530	964	D	921	D	0.28%	-0.24%	0.52%	W	1	1	0.05%	0.08%		965	D	922	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	657	1,467	1,530	964	D	921	D	0.93%	0.32%	0.62%	W	3	4	0.17%	0.25%		966	D	925	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	657	1,467	1,530	966	D	810	D	0.45%	0.08%	0.37%	W	1	2	0.08%	0.12%		967	D	812	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	657	1,467	1,530	491	C	759	D	0.05%	0.00%	0.05%	W	0	0	0.01%	0.01%		491	C	760	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	747	792	792	1,170	F	1,119	F	0.00%	0.00%	0.00%	E	0	0	0.00%	0.00%		1,170	F	1,119	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	7,343	C	6,038	C	10.67%	4.77%	5.90%	N	41	29	0.45%	0.32%		7,385	C	6,067	C	Pass	
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	7,782	D	9,513	E	10.22%	3.67%	6.55%	N	40	28	0.43%	0.31%		7,822	D	9,541	E	Fail	Y
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	9,282	D	11,199	E	8.69%	2.81%	5.88%	N	34	24	0.31%	0.22%		9,316	D	11,223	E	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	3,168	F	1,868	C	2.39%	1.75%	0.64%	E	9	7	0.31%	0.22%		3,177	F	1,874	C	Fail	Y
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	2,088	C	1,643	C	1.34%	1.01%	0.33%	E	5	4	0.17%	0.12%		2,093	C	1,647	C	Pass	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	294	C	1,488	C	0.21%	0.09%	0.11%	E	1	1	0.05%	0.04%		295	C	1,489	C	Pass	
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	1,311	C	1,011	C	3.08%	0.47%	2.60%	E	12	8	0.40%	0.28%		1,323	C	1,020	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	1,311	C	1,011	C	2.64%	0.32%	2.32%	E	10	7	0.34%	0.24%		1,321	C	1,018	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	1,311	C	1,011	C	2.15%	0.07%	2.08%	W	6	8	0.20%	0.28%		1,316	C	1,019	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	1,612	C	1,690	C	2.22%	0.22%	2.00%	W	6	9	0.20%	0.29%		1,618	C	1,699	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	1,612	C	1,690	C	1.93%	0.12%	1.81%	W	5	8	0.18%	0.25%		1,617	C	1,698	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,250	C	1,701	C	4.33%	2.17%	2.16%	W	12	17	0.39%	0.56%		2,262	C	1,718	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,167	C	1,854	C	3.86%	2.11%	1.75%	W	11	15	0.35%	0.50%		2,177	C	1,869	C	Pass	
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,167	C	1,854	C	3.55%	1.99%	1.55%	W	10	14	0.32%	0.46%		2,176	C	1,867	C	Pass	
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,167	C	1,854	C	3.50%	1.97%	1.53%	W	10	14	0.32%	0.45%		2,176	C	1,867	C	Pass	
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	2,342	C	3,359	F	3.00%	1.69%	1.30%	W	8	12	0.27%	0.39%		2,350	C	3,371	F	Fail	Y
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	1,828	C	1,507	C	0.45%	0.22%	0.23%	W	1	2	0.05%	0.06%		1,829	C	1,508	C	Pass	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,311	C	1,256	C	0.31%	0.16%	0.15%	W	1	1	0.02%	0.03%		1,312	C	1,258	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	1,642	C	1,479	C	2.45%	0.87%	1.58%	W	7	10	0.22%	0.32%		1,648	C	1,488	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	1,916	C	2,146	C	0.43%	0.21%	0.22%	W	1	2	0.04%	0.06%		1,917	C	2,148	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	1,451	C	2,368	C	0.58%	0.30%	0.27%	W	2	2	0.06%	0.08%		1,452	C	2,370	C	Pass	
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	1,444	C	2,036	C	0.69%	0.44%	0.25%	W	2	3	0.07%	0.10%		1,445	C	2,039	C	Pass	

Volume from Model

Diverted Trip Route Segment (Net External Trips Applied)

Fails with total trips but Project % of Adopted LOS does not exceed 5%

Table III-3B: Zoning Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - Graham PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				GRAHAM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	396	OUT =	467	Dir Analysis		% Adopted LOS								
										NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
							LOS C	LOS D	LOS E																			
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	5,957	C	8,843	D	4.19%	2.27%	1.92%	S	17	20	0.18%	0.21%		5,974	C	8,862	D	Pass	
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	4,161	B	5,481	B	4.19%	2.27%	1.92%	S	17	20	0.18%	0.21%		4,178	B	5,500	B	Pass	
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	6,140	C	8,692	D	6.62%	3.55%	3.07%	S	26	31	0.29%	0.34%		6,167	C	8,722	D	Pass	
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	7,568	C	8,321	D	7.88%	4.36%	3.51%	S	31	37	0.34%	0.40%		7,600	C	8,358	D	Pass	
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	7,567	C	6,665	C	9.50%	5.41%	4.09%	S	38	44	0.41%	0.48%		7,605	D	6,709	C	Pass	
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	8,510	D	5,610	B	10.89%	6.11%	4.78%	S	43	51	0.47%	0.56%		8,553	D	5,661	C	Pass	
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	7,262	C	4,825	B	14.92%	9.18%	5.74%	S	79	50	0.86%	0.54%		7,341	C	4,874	B	Pass	
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	7,850	D	5,215	B	5.94%	5.94%	0.00%	N	51	0	0.56%	0.00%		7,901	D	5,215	B	Pass	
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	4,244	B	3,107	B	14.00%	5.94%	8.06%	E	65	55	0.89%	0.76%		4,309	B	3,162	B	Pass	
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	4,760	C	4,628	C	11.12%	4.85%	6.28%	E	52	44	0.71%	0.60%		4,812	C	4,672	C	Pass	
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	4,714	C	4,583	C	7.50%	2.92%	4.58%	E	35	30	0.48%	0.41%		4,749	C	4,613	C	Pass	
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	6,986	D	6,471	D	3.57%	1.75%	1.82%	N	17	14	0.23%	0.19%		7,003	D	6,485	D	Pass	
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	6,739	F	7,374	F	3.57%	1.75%	1.82%	N	17	14	0.30%	0.26%		6,756	F	7,388	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	6,987	D	6,921	D	5.19%	2.53%	2.66%	N	24	21	0.33%	0.28%		7,011	D	6,942	D	Pass	
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	5,752	C	4,897	C	2.31%	1.92%	0.39%	S	9	11	0.12%	0.15%		5,761	C	4,908	C	Pass	
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	7,781	C	7,407	C	6.88%	3.49%	3.39%	N	32	27	0.29%	0.25%		7,813	C	7,434	C	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	6,862	C	6,148	B	8.88%	4.49%	4.39%	N	41	35	0.38%	0.32%		6,903	C	6,183	B	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	5,008	B	4,547	B	10.88%	5.49%	5.39%	N	51	43	0.46%	0.39%		5,059	B	4,590	B	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	7,050	B	6,509	B	10.88%	5.49%	5.39%	N	51	43	0.39%	0.33%		7,100	B	6,552	B	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	7,872	B	5,352	B	15.48%	7.32%	8.16%	N	72	61	0.56%	0.48%		7,944	C	5,413	B	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	7,457	B	5,748	B	21.00%	10.86%	10.14%	N	98	83	0.62%	0.53%		7,555	B	5,832	B	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	6,978	B	4,701	B	35.59%	17.38%	18.21%	N	150	157	1.16%	1.22%		7,128	B	4,858	B	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	10,700	10,980	12,160	6,775	B	3,817	B	24.74%	6.53%	18.21%	S	56	157	0.51%	1.43%		6,832	B	3,974	B	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	6,775	C	3,817	B	19.71%	6.53%	13.18%	S	56	114	0.51%	1.04%		6,832	C	3,930	B	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	3,859	B	6,721	B	18.02%	11.49%	6.53%	E	99	56	0.90%	0.51%		3,958	B	6,778	C	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	1,437	B	2,985	B	3.50%	1.78%	1.71%	E	16	14	0.30%	0.25%		1,453	B	2,999	B	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	2,452	B	3,041	B	2.12%	1.14%	0.98%	E	10	8	0.18%	0.15%		2,462	B	3,050	B	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	1,578	B	2,045	B	1.94%	1.08%	0.86%	E	9	8	0.16%	0.14%		1,587	B	2,053	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,719	1,800	1,800	351	C	421	C	0.00%	0.00%	0.00%	S	0	0	0.00%	0.00%		351	C	421	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	-	D	OT 2020 ROADWAY LIN																					
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	-	D	OT 2020 ROADWAY LIN																					
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	1,800	195	C	234	C	34.76%	19.57%	15.18%	S	172	200	9.58%	11.10%	Y	367	C	433	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	195	C	234	C	34.76%	19.57%	15.18%	E	210	163	5.78%	4.49%	Y	405	C	396	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	986	C	1,181	C	34.76%	19.57%	15.18%	E	210	163	5.78%	4.49%	Y	1,196	C	1,344	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	2,551	F	1,112	C	17.37%	8.72%	8.65%	E	75	75	3.13%	3.11%		2,626	F	1,187	C	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	2,551	F	1,112	C	10.91%	5.37%	5.53%	E	51	43	2.12%	1.80%		2,602	F	1,155	C	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,450	C	1,724	C	8.10%	3.79%	4.31%	E	38	32	1.58%	1.34%		1,488	C	1,756	C	Pass	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,450	C	1,724	C	5.12%	2.47%	2.65%	E	24	20	1.00%	0.84%		1,474	C	1,744	C	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,282	C	1,502	C	2.96%	1.39%	1.57%	E	14	12	0.58%	0.49%		1,296	C	1,514	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	845	C	952	C	1.55%	0.77%	0.78%	E	7	6	0.20%	0.17%		853	C	958	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	2,718	810	C	676	C	20.49%	8.99%	11.50%	W	96	123	3.54%	4.53%		906	C	800	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	2,718	532	C	444	C	20.49%	8.99%	11.50%	E	118	102	4.33%	3.74%		650	C	546	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	466	D	379	D	0.50%	0.28%	0.22%	E	2	2	0.35%	0.30%		469	D	381	D	Pass	
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	466	D	379	D	0.00%	0.00%	0.00%	E	0	0	0.00%	0.00%		466	D	379	D	Pass	
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	374	C	421	C	3.61%	2.02%	1.59%	E	17	14	0.94%	0.79%		390	C	435	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,035	C	1,012	C	0.85%	0.33%	0.52%	E	4	3	0.22%	0.19%		1,039	C	1,016	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	1,051	C	1,255	C	0.57%	0.19%	0.38%	E	3	2	0.15%	0.12%		1,053	C	1,258	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	685	C	694	C	0.52%	0.30%	0.22%	E	2	2	0.14%	0.12%		687	C	696	C	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	894	D	742	D	0.00%	0.00%	0.00%	E	0	0	0.00%	0.00%		894	D	742	D	Pass	
878684	NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	1.00	4	E	1,910	2,000	2,000	875	C	740	C	0.13%	0.00%	0.13%	W	1	1	0.03%	0.03%		876	C	741	C	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	E	2,940	3,020	3,020	1,031	C	832	C	0.13%	0.00%	0.13%	W	1	1	0.02%	0.02%		1,031	C	832	C	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	E	2,940	3,020	3,020	1,031	C	832	C	1.71%	0.57%	1.14%	E	5	10	0.16%	0.33%		1,036	C	842	C	Pass	

Table III-3B: Zoning Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - Graham PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				GRAHAM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	396	OUT =	467	Dir Analysis		% Adopted LOS								
										NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
							LOS C	LOS D	LOS E																			
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	1,554	C	1,187	C	0.07%	0.03%	0.03%	S	0	0	0.01%	0.01%		1,554	C	1,187	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	1,092	C	944	C	1.28%	0.57%	0.71%	S	5	6	0.25%	0.31%		1,097	C	950	C	Pass	
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	430	C	369	C	0.77%	0.57%	0.19%	S	5	2	0.62%	0.21%		435	C	371	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	430	C	369	C	1.56%	1.15%	0.41%	S	10	4	1.25%	0.45%		440	C	372	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	430	C	369	C	5.36%	3.63%	1.73%	S	31	15	1.74%	0.83%		461	C	384	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	430	C	369	C	7.91%	4.91%	3.00%	S	42	26	5.35%	3.27%	Y	472	C	395	C	Pass	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	1,800	525	C	629	C	7.91%	4.91%	3.00%	S	53	32	2.92%	1.79%		578	C	661	C	Pass	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	1,800	511	C	612	C	17.48%	7.49%	10.00%	N	80	107	4.45%	5.95%	Y	591	C	719	C	Pass	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,521	C	1,826	F	6.12%	2.95%	3.17%	S	24	29	1.35%	1.59%		1,545	C	1,855	F	Fail	Y
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	199	C	318	C	1.72%	0.96%	0.76%	S	7	8	0.38%	0.45%		206	C	326	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	1,800	359	C	430	C	17.48%	7.49%	10.00%	W	87	101	4.82%	5.59%	Y	445	C	530	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	1,800	248	C	297	C	13.91%	5.70%	8.21%	E	61	88	3.39%	4.89%		309	C	385	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	1,503	C	2,086	C	1.16%	0.05%	1.11%	W	5	5	0.15%	0.18%		1,507	C	2,091	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	2,928	C	3,423	F	1.92%	0.05%	1.87%	W	8	9	0.25%	0.30%		2,936	C	3,432	F	Fail	Y
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	4,040	2,399	C	1,957	C	3.71%	1.72%	1.99%	E	17	15	0.43%	0.36%		2,416	C	1,972	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	2,082	C	2,293	C	2.59%	1.40%	1.19%	E	12	10	0.40%	0.34%		2,094	C	2,303	C	Pass	
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	657	1,467	1,530	1,075	D	983	D	0.28%	-0.24%	0.52%	E	1	1	0.09%	0.08%		1,076	D	984	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	657	1,467	1,530	1,075	D	983	D	0.93%	0.32%	0.62%	E	4	4	0.30%	0.25%		1,079	D	987	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	657	1,467	1,530	880	D	828	D	0.45%	0.08%	0.37%	E	2	2	0.14%	0.12%		882	D	830	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	657	1,467	1,530	515	C	699	D	0.05%	0.00%	0.05%	E	0	0	0.02%	0.01%		515	C	699	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	747	792	792	1,305	F	1,194	F	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%		1,305	F	1,194	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	7,739	D	7,688	D	10.67%	4.77%	5.90%	S	42	50	0.46%	0.54%		7,781	D	7,738	D	Pass	
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	9,188	E	9,348	E	10.22%	3.67%	6.55%	S	40	48	0.44%	0.52%		9,228	E	9,396	E	Fail	Y
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	13,041	F	8,593	C	8.69%	2.81%	5.88%	S	34	41	0.31%	0.37%		13,076	F	8,634	C	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	2,320	C	2,608	C	2.39%	1.75%	0.64%	W	9	11	0.31%	0.37%		2,329	C	2,619	C	Pass	
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	1,730	C	1,946	C	1.34%	1.01%	0.33%	W	5	6	0.18%	0.21%		1,736	C	1,953	C	Pass	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	1,107	C	399	C	0.21%	0.09%	0.11%	W	1	1	0.05%	0.06%		1,108	C	400	C	Pass	
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	930	C	1,495	C	3.08%	0.47%	2.60%	W	12	14	0.40%	0.48%		942	C	1,510	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	930	C	1,495	C	2.64%	0.32%	2.32%	W	10	12	0.35%	0.41%		940	C	1,508	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	930	C	1,495	C	2.15%	0.07%	2.08%	E	10	9	0.33%	0.28%		940	C	1,504	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	1,832	C	1,781	C	2.22%	0.22%	2.00%	E	10	9	0.34%	0.29%		1,842	C	1,790	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	1,832	C	1,781	C	1.93%	0.12%	1.81%	E	9	8	0.30%	0.25%		1,841	C	1,789	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,235	C	2,080	C	4.33%	2.17%	2.16%	E	20	17	0.67%	0.57%		2,255	C	2,097	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,285	C	2,364	C	3.86%	2.11%	1.75%	E	18	15	0.60%	0.51%		2,303	C	2,380	C	Pass	
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,285	C	2,364	C	3.55%	1.99%	1.55%	E	17	14	0.55%	0.47%		2,301	C	2,378	C	Pass	
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,285	C	2,364	C	3.50%	1.97%	1.53%	E	16	14	0.54%	0.46%		2,301	C	2,378	C	Pass	
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	3,382	F	2,908	C	3.00%	1.69%	1.30%	E	14	12	0.46%	0.39%		3,396	F	2,920	C	Fail	Y
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	1,321	C	1,605	C	0.45%	0.22%	0.23%	E	2	2	0.08%	0.07%		1,324	C	1,607	C	Pass	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,457	C	1,639	C	0.31%	0.16%	0.15%	E	1	1	0.04%	0.03%		1,459	C	1,640	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	1,898	C	1,762	C	2.45%	0.87%	1.58%	E	11	10	0.38%	0.32%		1,909	C	1,772	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	1,794	C	1,939	C	0.43%	0.21%	0.22%	E	2	2	0.07%	0.06%		1,796	C	1,940	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	2,136	C	1,545	C	0.58%	0.30%	0.27%	E	3	2	0.10%	0.08%		2,139	C	1,547	C	Pass	
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	2,186	C	1,318	C	0.69%	0.44%	0.25%	E	3	3	0.12%	0.10%		2,189	C	1,321	C	Pass	

Volume from Model

Diverted Trip Route Segment (Net External Trips Applied)

Fails with total trips but Project % of Adopted LOS does not exceed 5%

Table III-4: Zoning Short Term (Year 2020) Background and Combined Intersection LOS Analysis

Intersection ID	Intersection	Background only 2020 (Without Mitigation)				Background only 2020 (With Mitigation)				Total 2020 (Without Mitigation)				Total 2020 (With Mitigation)			
		AM		PM		AM		PM		AM		PM		AM		PM	
		LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay
1	NW 87th Ave Miami Gardens Dr	F	263.30	F	182.80	F	144.10	F	101.80	F	290.10	F	272.70	F	157.80	F	152.90
2	NW 82nd Ave Miami Gardens Dr	E	65.50	E	73.00	D	42.90	D	40.10	E	72.00	F	96.70	D	42.60	D	39.40
3	NW 79th Ave Miami Gardens Dr	F	103.50	C	32.10	C	29.50	C	25.30	F	115.60	D	43.80	D	36.30	C	29.20
4	W Oakmont Dr Miami Gardens Dr	B	16.80	D	35.30	B	15.20	C	24.40	B	17.30	D	37.00	B	15.50	C	26.30
5	NW 75th Ave Miami Gardens Dr	F	92.90	E	56.90	C	32.30	C	32.10	F	91.50	D	49.50	C	32.40	C	31.20
6	NW 73th Ave Miami Gardens Dr	B	17.00	C	27.50	B	17.00	B	19.20	B	17.10	C	27.00	B	17.10	B	19.50
7	NW 68th Ave Miami Gardens Dr	C	23.10	C	24.90	C	25.90	C	23.10	C	24.60	C	24.00	C	28.40	C	24.30
8	Bobolink Dr Miami Gardens Dr	F	118.90	F	159.90	F	118.30	E	70.80	F	129.70	F	198.00	F	129.00	F	90.80
9	NW 67th Ave Miami Gardens Dr	D	53.00	E	69.60	D	53.00	E	61.70	D	53.70	E	75.00	D	53.70	E	67.40
10	NW 62nd Ave Miami Gardens Dr	F	249.40	F	94.40	F	150.40	D	44.10	F	246.20	F	92.60	F	172.70	D	43.50

Table III-4: Zoning Short Term (Year 2020) Background and Combined Intersection LOS Analysis

Intersection ID	Intersection	Background only 2020 (Without Mitigation)				Background only 2020 (With Mitigation)				Total 2020 (Without Mitigation)				Total 2020 (With Mitigation)			
		AM		PM		AM		PM		AM		PM		AM		PM	
		LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay
11	SR823/ Red Rd Miami Gardens Dr	E	72.30	F	82.40	E	58.30	E	74.00	E	74.60	F	85.30	E	59.70	E	79.40
12	NW 97th Ave/ W 36th Ave NW 138th St/ W 84th St	E	68.40	F	134.20	E	68.40	F	136.20	E	68.80	F	133.10	E	68.80	F	133.10
13	NW 97th Ave/ W 36th Ave NW 130th St	A	9.50	B	12.00	A	9.50	B	12.00	A	9.50	B	12.20	A	9.50	B	12.20
14	Ronal Reagan Turnpike Ramp(S) N Okeechobee Rd	F	149.70	E	55.70	F	124.50	E	55.90	F	168.80	F	152.20	F	143.40	F	125.10
15	Ronal Reagan Turnpike Ramp(N) N Okeechobee Rd	D	42.40	E	71.90	C	23.40	C	21.00	D	44.40	F	115.30	D	38.60	C	27.40
16	SR 823/ Red Rd Ronal Reagan Turnpike Ramp(E)	C	24.60	C	22.30	C	24.60	C	22.30	C	24.90	C	23.30	C	24.90	C	23.20
17	SR 823/ Red Rd Ronal Reagan Turnpike Ramp(W)	E	69.60	E	79.50	E	69.60	E	79.50	E	72.50	F	92.20	E	72.50	F	92.20
20	NW 138th St N Okeechobee Rd	F	138.60	F	175.30	F	108.90	F	131.40	F	143.20	F	198.40	F	111.10	F	141.70
23	Hialeah Gardens Blvd N Okeechobee Rd	F	125.60	F	308.00	F	116.00	F	227.90	F	126.40	F	312.80	F	116.20	F	227.90
36	I-75 Ramp (N) Miramar Pkwy	B	14.40	B	12.70	B	14.40	B	12.70	B	15.00	B	16.80	B	15.00	B	16.80

Table III-4: Zoning Short Term (Year 2020) Background and Combined Intersection LOS Analysis

Intersection ID	Intersection	Background only 2020 (Without Mitigation)				Background only 2020 (With Mitigation)				Total 2020 (Without Mitigation)				Total 2020 (With Mitigation)			
		AM		PM		AM		PM		AM		PM		AM		PM	
		LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay
37	I-75 Ramp (S) / Miramar Pkwy	B	17.50	A	9.20	B	17.50	A	9.20	B	18.00	B	10.60	B	18.80	B	10.60
38	I-75 Ramp (N) / Pines Blvd	B	16.20	A	8.50	B	16.20	A	8.40	C	28.00	A	8.50	B	16.60	A	8.50
39	I-75 Ramp (S) / Pines Blvd	C	30.30	B	12.60	C	30.30	B	12.80	D	42.20	B	13.90	D	41.50	B	13.90
44	Hialeah Gardens Blvd / W 68th St	F	201.70	F	94.60	F	115.30	D	47.00	F	204.30	F	104.10	F	118.50	D	48.50
50	NW 87th Ave / NW 170th St	F	234.30	E	74.50	F	124.70	D	36.10	F	233.50	F	117.50	F	127.90	D	52.70
51	Hialeah Gardens Blvd / NW 130th St	F	376.00	E	87.00	F	189.60	E	69.40	F	383.90	F	99.50	F	383.90	E	78.90
52	Hialeah Gardens Blvd / W 80th St	C	33.10	D	47.60	C	33.10	D	45.00	C	33.00	D	47.60	C	33.00	D	44.40
53	Hialeah Gardens Blvd / W 84th St	F	117.50	F	102.00	F	118.00	E	61.70	F	125.10	F	113.50	F	125.10	E	67.60
54	Hialeah Gardens Blvd / NW 138th St/ W 84th St	E	69.80	F	139.50	D	53.50	E	72.70	E	74.60	F	139.10	E	57.80	E	79.50

4.0 YEAR 2040 AM AND PM CDMP ANALYSES

For the Year 2040 CDMP traffic impact review, the **Table I-18** Year 2040 project trips were consulted for the Graham (the project trips analyzed).

The total trips were compared to the year 2040 MSVs and LOS operations were established for each link. The links were identified as either "Pass" or "Fail" the adopted LOS and if it failed a determination of whether the deficiency was due to backlogged conditions (e.g. background with ADM trips) or the total trips was identified. Those links which fail due to just the total trips and which meet the five percent (5%) of MSV criteria of significance are Project improvements.

Tables III-5A and **III-5B** show the Graham AM and PM level of service analyses for the Year 2020 CDMP review. A detailed summary of the deficiencies and mitigations are provided in the section titled Mitigation Summary at the end of this Chapter.

5.0 YEAR 2040 AM AND PM ZONING ANALYSES

Both roadway link and intersection AM and PM analyses are required for the Year 2020 Zoning review. Each set of analyses are detailed here.

5.1 Year 2040 Zoning Roadway Link LOS

The process for preparing the Zoning background trips was demonstrated in **Table I-13**. The overall background trips served as the basis for the Graham Zoning AM and PM analyses. In addition to these overall background trips, the Graham trips were added to obtain total trips by the year 2040. The Year 2040 Graham project trips were identified in **Table I-19**.

The total trips were compared to the year 2020 MSVs (since the Zoning analysis is limited to three years of committed improvements) and LOS operations were established for each link. The links were identified as either "Pass" or "Fail" the adopted LOS and if it failed a determination of whether the deficiency was due to backlogged conditions (e.g. background with Graham trips) or the total trips was identified. Those links which fail due to just the total trips and which meet the five percent (5%) of MSV criteria of significance are Project improvements.

Tables III-6A and III-6B shows the Graham level of service analyses for the Year 2040 AM and PM Zoning review. A detailed summary of the deficiencies and mitigations are provided in the section titled Mitigation Summary at the end of this Chapter.

Table II-5A: CDMP Long Term (Year 2040) Study Area Roadway Segment LOS Analysis - ADM AM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	558	OUT =	596	Dir Analysis		% Adopt LOS								
										NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
							LOS C	LOS D	LOS E																			
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	16,459	F	7,961	D	7.17%	3.75%	3.42%	S	40	43	0.44%	0.47%		16,499	F	8,003	D	Fail	Y
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	10,920	F	6,518	C	7.01%	3.62%	3.40%	S	39	42	0.43%	0.46%		10,960	F	6,560	C	Fail	Y
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	13,688	F	10,525	F	8.46%	4.27%	4.19%	S	47	50	0.52%	0.55%		13,735	F	10,576	F	Fail	Y
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	13,135	F	14,252	F	9.40%	4.81%	4.59%	S	52	56	0.57%	0.61%		13,188	F	14,308	F	Fail	Y
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	10,870	F	13,789	F	9.85%	5.10%	4.76%	S	55	59	0.60%	0.64%		10,925	F	13,847	F	Fail	Y
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	9,251	E	14,929	F	11.17%	5.75%	5.42%	S	62	67	0.68%	0.73%		9,314	E	14,996	F	Fail	Y
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	7,843	D	13,161	F	19.89%	10.48%	9.41%	S	121	109	1.32%	1.19%		7,964	D	13,270	F	Fail	Y
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	8,478	D	14,226	F	15.93%	8.12%	7.80%	N	95	89	1.04%	0.97%		8,573	D	14,315	F	Fail	Y
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	4,823	C	7,307	D	16.63%	7.91%	8.72%	E	99	93	1.35%	1.27%		4,923	C	7,399	E	Fail	
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	8,311	F	8,383	F	11.40%	5.56%	5.85%	E	68	64	0.93%	0.87%		8,379	F	8,446	F	Fail	Y
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	8,231	F	8,302	F	6.96%	3.23%	3.73%	E	41	39	0.57%	0.53%		8,272	F	8,341	F	Fail	Y
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	9,169	F	7,551	E	2.84%	1.32%	1.52%	N	17	16	0.23%	0.22%		9,186	F	7,567	E	Fail	Y
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	9,013	F	8,572	F	3.84%	1.82%	2.02%	N	23	21	0.42%	0.39%		9,036	F	8,594	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	8,430	F	8,158	E	5.43%	2.61%	2.82%	N	32	30	0.44%	0.41%		8,462	F	8,188	E	Fail	Y
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	5,580	C	6,303	D	2.52%	1.41%	1.12%	S	14	15	0.19%	0.21%		5,594	C	6,318	D	Pass	
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	9,440	D	9,045	C	8.11%	4.20%	3.91%	N	48	45	0.44%	0.41%		9,489	D	9,091	C	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	9,765	D	4,099	B	10.11%	5.20%	4.91%	N	60	56	0.55%	0.51%		9,825	D	4,156	B	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	7,788	C	8,899	C	12.11%	6.20%	5.91%	N	72	68	0.66%	0.62%		7,860	C	8,966	C	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	6,943	B	10,088	C	12.11%	6.20%	5.91%	N	72	68	0.56%	0.52%		7,015	B	10,155	C	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	7,605	B	8,471	C	17.58%	8.55%	9.03%	N	105	98	0.81%	0.76%		7,710	B	8,570	C	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	8,218	B	11,963	C	24.85%	12.96%	11.89%	N	148	139	0.94%	0.88%		8,367	B	12,101	C	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	6,096	B	9,335	C	33.57%	20.76%	12.81%	N	240	148	1.86%	1.15%		6,336	B	9,482	C	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	9,100	10,980	12,160	4,268	B	8,863	C	20.84%	8.24%	12.60%	S	95	145	0.87%	1.33%		4,363	B	9,009	C	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	4,268	B	8,863	C	17.94%	8.24%	9.71%	S	95	112	0.87%	1.02%		4,363	B	8,975	C	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	8,178	C	4,578	B	14.99%	8.12%	6.87%	E	94	79	0.85%	0.72%		8,272	C	4,657	B	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	3,396	C	1,979	B	3.44%	1.66%	1.79%	E	21	19	0.37%	0.35%		3,416	C	1,998	B	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	2,813	B	2,010	B	1.93%	0.99%	0.94%	E	12	11	0.21%	0.20%		2,825	B	2,020	B	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	2,707	B	1,543	B	1.83%	0.96%	0.87%	E	11	10	0.20%	0.19%		2,718	B	1,553	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,910	1,800	1,800	513	C	429	C	0.69%	0.49%	0.20%	S	4	4	0.21%	0.23%		517	C	433	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	New 2L	D	747	792	792	166	C	139	C	1.36%	0.66%	0.70%	S	8	8	0.96%	1.02%		174	C	147	C	Pass	
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	New 4	D	1,719	1,800	1,800	211	C	176	C	21.90%	11.29%	10.61%	S	141	133	7.85%	7.38%	Y	352	C	309	C	Pass	
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	1,800	302	C	252	C	23.93%	12.41%	11.52%	S	144	156	7.99%	8.66%	Y	446	C	408	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	302	C	252	C	34.36%	19.56%	14.80%	E	245	185	6.76%	5.11%	Y	547	C	437	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	1,211	C	1,011	C	33.35%	18.55%	14.80%	E	232	185	6.41%	5.11%	Y	1,443	C	1,196	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	980	C	3,268	F	12.81%	6.02%	6.79%	E	70	78	2.90%	3.26%		1,050	C	3,347	F	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	980	C	3,268	F	8.19%	3.80%	4.39%	E	49	46	2.04%	1.90%		1,029	C	3,314	F	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,770	C	1,177	C	6.74%	3.05%	3.69%	E	40	38	1.67%	1.57%		1,810	C	1,215	C	Pass	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,770	C	1,177	C	4.22%	1.87%	2.35%	E	25	24	1.05%	0.98%		1,795	C	1,201	C	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,395	C	1,005	C	2.51%	1.07%	1.44%	E	15	14	0.62%	0.58%		1,410	C	1,019	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	961	C	797	C	1.54%	0.72%	0.82%	E	9	9	0.25%	0.24%		970	C	806	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	2,718	733	C	878	C	35.67%	18.20%	17.48%	W	228	219	8.39%	8.05%	Y	961	C	1,097	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	2,718	383	C	459	C	15.75%	7.87%	7.87%	E	103	95	3.77%	3.48%		486	C	553	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	947	F	950	F	0.48%	0.24%	0.25%	E	3	3	0.42%	0.40%		950	F	953	F	Fail	Y
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	947	F	950	F	0.00%	0.00%	0.00%	E	0	0	0.00%	0.00%		947	F	950	F	Fail	Y
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	1,106	C	558	C	1.74%	0.79%	0.95%	E	10	10	0.58%	0.54%		1,116	C	567	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,626	C	1,327	C	0.64%	0.28%	0.37%	E	4	4	0.21%	0.20%		1,630	C	1,331	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	940	C	893	C	0.41%	0.14%	0.26%	E	2	2	0.13%	0.13%		943	C	895	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	1,054	D	737	D	0.65%	0.37%	0.28%	E	4	4	0.23%	0.21%		1,058	D	740	D	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	1,442	D	1,047	D	0.04%	0.04%	0.00%	E	0	0	0.01%	0.01%		1,442	D	1,047	D	Pass	
878684	NW 138th St	Florida's Turnpike/HEFT/SR 821	NW 107th Ave	1.00	6	D	4,580	5,500	6,080	720	B	986	B	3.09%	1.38%	1.71%	W	17	18	0.31%	0.33%		738	B	1,005	B	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	D	4,580	5,500	6,080	1,048	B	1,711	B	2.60%	1.31%	1.30%	W	15	16	0.26%	0.28%		1,062	B	1,727	B	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	D	4,580	5,500	6,080	1,048	B	1,711	B	1.35%	0.61%	0.73%	E	7	8	0.13%	0.15%		1,055	B	1,720	B	Pass	
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	1,368	C	1,836	C	0.41%	0.02%	0.40%	S	2	2	0.08%	0.08%		1,370	C	1,838	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	917	C	1,232	C	1.34%	0.51%	0.83%	S	6	10	0.30%	0.48%		923	C	1,242	C	Pass	

Table II-5A: CDMP Long Term (Year 2040) Study Area Roadway Segment LOS Analysis - ADM AM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	558	OUT =	596	Dir Analysis		% Adopt LOS								
										NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
							LOS C	LOS D	LOS E																			
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	597	C	364	C	0.19%	0.09%	0.10%	S	1	1	0.13%	0.15%		598	C	365	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	597	C	364	C	0.07%	0.03%	0.03%	S	0	0	0.05%	0.05%		597	C	364	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	597	C	364	C	1.63%	0.83%	0.80%	S	10	9	0.53%	0.51%		606	C	373	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	597	C	364	C	3.59%	1.81%	1.78%	S	21	21	2.64%	2.59%		618	C	384	C	Pass	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	1,800	228	C	191	C	19.34%	9.69%	9.65%	S	121	121	6.74%	6.72%	Y	350	C	312	C	Pass	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	1,800	93	C	78	C	22.90%	11.47%	11.43%	N	144	143	7.98%	7.95%	Y	237	C	221	C	Pass	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,680	C	1,322	C	4.26%	2.22%	2.04%	S	24	25	1.32%	1.41%		1,704	C	1,347	C	Pass	
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	750	C	372	C	1.55%	0.84%	0.71%	S	9	9	0.48%	0.51%		758	C	382	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	1,800	75	C	63	C	6.16%	3.57%	2.59%	W	37	40	2.06%	2.23%		112	C	103	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	1,800	300	C	251	C	21.09%	8.49%	12.60%	E	106	158	5.91%	8.77%	Y	407	C	409	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	2,256	C	1,579	C	1.54%	0.17%	1.37%	W	9	9	0.28%	0.30%		2,265	C	1,588	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	3,451	F	2,388	C	2.03%	0.00%	2.03%	W	11	12	0.38%	0.40%		3,462	F	2,400	C	Fail	Y
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	4,040	2,772	C	2,296	C	4.22%	1.87%	2.35%	E	25	24	0.62%	0.58%		2,797	C	2,320	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	2,791	C	2,562	C	2.61%	1.50%	1.11%	E	16	15	0.51%	0.48%		2,807	C	2,577	C	Pass	
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	730	1,467	1,530	1,176	D	1,124	D	0.91%	0.36%	0.55%	E	5	5	0.37%	0.35%		1,181	D	1,129	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	730	1,467	1,530	1,176	D	1,124	D	1.61%	0.67%	0.93%	E	10	9	0.65%	0.61%		1,186	D	1,133	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	730	1,467	1,530	1,180	D	989	D	0.80%	0.27%	0.53%	E	5	4	0.33%	0.31%		1,185	D	994	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	730	1,467	1,530	599	C	927	D	0.50%	0.15%	0.36%	E	3	3	0.20%	0.19%		602	C	929	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	370	792	792	1,739	F	1,662	F	1.01%	0.41%	0.60%	W	6	6	0.71%	0.76%		1,745	F	1,668	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	9,417	E	7,743	D	8.03%	4.75%	3.28%	S	45	48	0.49%	0.52%		9,462	E	7,791	D	Fail	Y
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	9,495	E	11,608	F	7.29%	3.74%	3.55%	S	41	43	0.44%	0.47%		9,536	E	11,652	F	Fail	Y
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	11,903	E	14,362	F	6.47%	3.19%	3.28%	S	36	39	0.33%	0.35%		11,939	E	14,400	F	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	3,865	F	2,279	C	3.20%	2.14%	1.06%	W	18	19	0.59%	0.63%		3,883	F	2,298	C	Fail	Y
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	2,991	D	2,354	C	1.56%	1.16%	0.41%	W	9	9	0.29%	0.31%		3,000	D	2,364	C	Pass	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	359	C	1,816	F	0.21%	0.10%	0.11%	W	1	1	0.08%	0.08%		360	C	1,817	F	Fail	Y
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	1,599	C	1,234	C	7.88%	3.57%	4.31%	W	44	47	1.46%	1.56%		1,643	C	1,281	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	1,599	C	1,234	C	4.83%	2.21%	2.62%	W	27	29	0.89%	0.95%		1,626	C	1,262	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	1,599	C	1,234	C	4.71%	2.16%	2.55%	E	28	26	0.93%	0.87%		1,627	C	1,260	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	2,395	C	2,512	C	3.77%	1.80%	1.97%	E	22	21	0.74%	0.70%		2,418	C	2,533	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	2,395	C	2,512	C	2.55%	1.19%	1.36%	E	15	14	0.50%	0.47%		2,411	C	2,526	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,746	C	2,075	C	4.02%	1.81%	2.21%	E	24	22	0.79%	0.74%		2,770	C	2,098	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,770	C	2,370	C	3.27%	1.56%	1.71%	E	19	18	0.65%	0.60%		2,789	C	2,388	C	Pass	
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,770	C	2,370	C	2.92%	1.41%	1.51%	E	17	16	0.58%	0.54%		2,787	C	2,386	C	Pass	
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,770	C	2,370	C	2.87%	1.39%	1.49%	E	17	16	0.57%	0.53%		2,787	C	2,386	C	Pass	
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	3,480	F	4,992	F	2.40%	1.12%	1.28%	E	14	13	0.47%	0.44%		3,495	F	5,005	F	Fail	Y
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	2,716	D	2,239	C	0.83%	0.34%	0.49%	E	5	5	0.18%	0.17%		2,721	F	2,243	C	Fail	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,599	C	1,533	C	0.42%	0.18%	0.23%	E	2	2	0.07%	0.06%		1,602	C	1,535	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	2,003	C	1,805	C	3.22%	1.15%	2.07%	E	19	18	0.64%	0.60%		2,022	C	1,823	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	2,573	C	2,881	C	2.01%	0.80%	1.21%	E	12	11	0.40%	0.37%		2,585	C	2,893	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	1,770	C	2,890	F	0.74%	0.29%	0.45%	E	4	4	0.16%	0.15%		1,775	C	2,894	F	Fail	Y
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	1,761	C	2,484	C	0.52%	0.31%	0.21%	E	3	3	0.11%	0.11%		1,765	C	2,487	C	Pass	

Volume from Model

Diverted Trip Route Segment (Net External Trips Applied)

Fails with total trips but Project % of Adopted LOS does not exceed 5%

Table II-5B: CDMP Long Term (Year 2040) Study Area Roadway Segment LOS Analysis - ADM PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	3,221	OUT =	2,110	Dir Analysis		% Adopt LOS								
										NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
							LOS C	LOS D	LOS E																			
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	9,573	E	14,210	F	7.17%	3.75%	3.42%	N	231	151	2.52%	1.65%		9,804	E	14,361	F	Fail	Y
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	7,515	C	9,899	E	7.01%	3.62%	3.40%	N	226	148	2.46%	1.61%		7,741	D	10,047	F	Fail	Y
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	11,090	F	15,698	F	8.46%	4.27%	4.19%	N	272	178	2.97%	1.95%		11,363	F	15,876	F	Fail	Y
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	13,670	F	15,029	F	9.40%	4.81%	4.59%	N	303	198	3.31%	2.17%		13,972	F	15,228	F	Fail	Y
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	13,667	F	12,038	F	9.85%	5.10%	4.76%	N	317	208	3.47%	2.27%		13,984	F	12,245	F	Fail	Y
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	15,370	F	10,132	F	11.17%	5.75%	5.42%	N	360	236	3.93%	2.57%		15,730	F	10,368	F	Fail	Y
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	13,116	F	8,714	D	19.89%	10.48%	9.41%	N	558	502	6.10%	5.48%	Y	13,675	F	9,216	E	Fail	Y
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	14,178	F	9,420	E	15.93%	8.12%	7.80%	S	336	513	3.67%	5.60%	Y	14,514	F	9,933	E	Fail	Y
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	7,665	E	5,611	C	16.63%	7.91%	8.72%	W	351	536	4.79%	7.31%	Y	8,016	E	6,147	D	Fail	Y
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	8,598	F	8,359	F	11.40%	5.56%	5.85%	W	241	367	3.28%	5.01%	Y	8,838	F	8,726	F	Fail	Y
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	8,515	F	8,278	F	6.96%	3.23%	3.73%	W	147	224	2.00%	3.06%		8,661	F	8,502	F	Fail	Y
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	8,525	F	7,895	E	2.84%	1.32%	1.52%	S	60	91	0.82%	1.25%		8,584	F	7,987	E	Fail	Y
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	8,223	F	8,998	F	3.84%	1.82%	2.02%	S	81	124	1.47%	2.25%		8,304	F	9,122	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	8,525	F	8,445	F	5.43%	2.61%	2.82%	S	115	175	1.57%	2.39%		8,640	F	8,620	F	Fail	Y
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	7,403	E	6,303	D	2.52%	1.41%	1.12%	N	81	53	1.11%	0.73%		7,485	E	6,356	D	Fail	Y
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	9,979	D	9,499	D	8.11%	4.20%	3.91%	S	171	261	1.56%	2.38%		10,150	D	9,760	D	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	8,799	C	7,884	C	10.11%	5.20%	4.91%	S	213	326	1.94%	2.96%		9,013	C	8,209	C	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	6,422	B	5,831	B	12.11%	6.20%	5.91%	S	255	390	2.33%	3.55%		6,677	B	6,221	B	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	8,602	C	7,942	C	12.11%	6.20%	5.91%	S	255	390	1.98%	3.03%		8,857	C	8,332	C	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	9,605	C	6,530	B	17.58%	8.55%	9.03%	S	371	566	2.88%	4.40%		9,976	C	7,097	B	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	9,959	B	7,677	B	24.85%	12.96%	11.89%	S	524	801	3.34%	5.09%	Y	10,483	C	8,478	B	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	8,514	C	5,736	B	33.57%	20.76%	12.81%	S	1,107	683	8.59%	5.30%	Y	9,621	C	6,418	B	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	9,100	10,980	12,160	9,069	C	5,108	B	20.84%	8.24%	12.60%	N	439	672	4.00%	6.12%	Y	9,508	D	5,780	B	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	9,069	C	5,108	B	17.94%	8.24%	9.71%	N	439	517	4.00%	4.71%		9,508	D	5,626	B	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	4,709	B	8,201	C	14.99%	8.12%	6.87%	W	433	366	3.94%	3.33%		5,142	B	8,567	C	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	1,753	B	3,643	C	3.44%	1.66%	1.79%	W	73	111	1.32%	2.02%		1,826	B	3,754	C	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	3,161	B	3,920	C	1.93%	0.99%	0.94%	W	41	62	0.74%	1.13%		3,202	B	3,982	C	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	1,926	B	2,496	B	1.83%	0.96%	0.87%	W	39	59	0.70%	1.07%		1,964	B	2,555	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,910	1,800	1,800	429	C	513	C	0.69%	0.49%	0.20%	N	22	15	1.23%	0.81%		451	C	528	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	New 2L	D	747	792	792	139	C	166	C	1.36%	0.66%	0.70%	N	35	37	4.44%	4.72%		174	C	204	C	Pass	
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	New 4	D	1,719	1,800	1,800	176	C	211	C	21.90%	11.29%	10.61%	N	653	614	36.28%	34.09%	Y	829	C	824	C	Pass	
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	1,800	252	C	302	C	23.93%	12.41%	11.52%	N	831	554	46.15%	30.76%	Y	1,083	C	855	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	252	C	302	C	34.36%	19.56%	14.80%	W	1,132	856	31.22%	23.62%	Y	1,383	C	1,158	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	1,011	C	1,211	C	33.35%	18.55%	14.80%	W	1,073	856	29.61%	23.62%	Y	2,084	C	2,067	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	3,113	F	1,357	C	12.81%	6.02%	6.79%	W	321	362	13.38%	15.07%	Y	3,434	F	1,719	C	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	3,113	F	1,357	C	8.19%	3.80%	4.39%	W	173	264	7.20%	10.99%	Y	3,286	F	1,621	C	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,770	C	2,104	C	6.74%	3.05%	3.69%	W	142	217	5.92%	9.04%	Y	1,912	C	2,321	D	Pass	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,770	C	2,104	C	4.22%	1.87%	2.35%	W	89	136	3.71%	5.67%	Y	1,859	C	2,240	C	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,564	C	1,832	C	2.51%	1.07%	1.44%	W	53	81	2.21%	3.37%		1,617	C	1,913	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	1,032	C	1,162	C	1.54%	0.72%	0.82%	W	33	50	0.90%	1.37%		1,064	C	1,212	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	2,718	878	C	733	C	35.67%	18.20%	17.48%	E	1,053	1,011	38.73%	37.19%	Y	1,931	C	1,744	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	2,718	459	C	383	C	15.75%	7.87%	7.87%	W	364	547	13.41%	20.11%	Y	823	C	930	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	569	D	463	D	0.48%	0.24%	0.25%	W	10	15	1.50%	2.29%		579	D	478	D	Pass	
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	569	D	463	D	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%		569	D	463	D	Pass	
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	555	C	625	C	1.74%	0.79%	0.95%	W	37	56	2.04%	3.11%		592	C	681	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,263	C	1,235	C	0.64%	0.28%	0.37%	W	14	21	0.76%	1.15%		1,277	C	1,256	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	1,282	C	1,532	C	0.41%	0.14%	0.26%	W	9	13	0.47%	0.72%		1,290	C	1,545	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	836	D	846	D	0.65%	0.37%	0.28%	W	14	21	0.80%	1.22%		849	D	867	D	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	1,328	D	1,102	D	0.04%	0.04%	0.00%	W	1	1	0.05%	0.07%		1,329	D	1,103	D	Pass	
878684	NW 138th St	Florida's Turnpike/HEFT/SR 821	NW 107th Ave	1.00	6	D	4,580	5,500	6,080	1,068	B	903	B	3.09%	1.38%	1.71%	E	99	65	1.81%	1.18%		1,168	B	969	B	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	D	4,580	5,500	6,080	1,532	B	1,236	B	2.60%	1.31%	1.30%	E	84	55	1.52%	1.00%		1,615	B	1,291	B	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	D	4,580	5,500	6,080	1,532	B	1,236	B	1.35%	0.61%	0.73%	W	33	39	0.60%	0.71%		1,564	B	1,275	B	Pass	

Table II-5B: CDMP Long Term (Year 2040) Study Area Roadway Segment LOS Analysis - ADM PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	3,221	OUT =	2,110	Dir Analysis		% Adopt LOS								
										NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
							LOS C	LOS D	LOS E																			
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	2,309	C	1,764	C	0.41%	0.02%	0.40%	N	13	9	0.44%	0.29%		2,323	C	1,773	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	1,333	C	1,151	C	1.34%	0.51%	0.83%	N	27	44	1.37%	2.20%		1,360	C	1,195	C	Pass	
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	639	C	548	C	0.19%	0.09%	0.10%	N	5	5	0.59%	0.69%		643	C	554	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	639	C	548	C	0.07%	0.03%	0.03%	N	2	2	0.21%	0.22%		640	C	550	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	639	C	548	C	1.63%	0.83%	0.80%	N	44	43	2.45%	2.36%		683	C	591	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	639	C	548	C	3.59%	1.81%	1.78%	N	97	95	12.21%	11.97%	Y	735	C	643	C	Pass	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	1,800	191	C	228	C	19.34%	9.69%	9.65%	N	560	558	31.13%	31.02%	Y	751	C	787	C	Pass	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	1,800	78	C	93	C	22.90%	11.47%	11.43%	S	663	661	36.86%	36.74%	Y	741	C	754	C	Pass	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,856	F	2,228	F	4.26%	2.22%	2.04%	N	137	90	7.62%	4.99%	Y	1,993	F	2,318	F	Fail	Y
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	243	C	388	C	1.55%	0.84%	0.71%	N	50	33	2.78%	1.82%		293	C	421	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	1,800	63	C	75	C	6.16%	3.57%	2.59%	E	214	143	11.88%	7.92%	Y	277	C	218	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	1,800	251	C	300	C	21.09%	8.49%	12.60%	W	491	729	27.28%	40.50%	Y	742	C	1,029	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	1,950	C	2,706	C	1.54%	0.17%	1.37%	E	50	32	1.64%	1.08%		1,999	C	2,738	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	3,573	F	4,177	F	2.03%	0.00%	2.03%	E	65	43	2.17%	1.42%		3,639	F	4,220	F	Fail	Y
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	4,040	2,927	C	2,388	C	4.22%	1.87%	2.35%	W	89	136	2.20%	3.36%		3,016	C	2,524	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	2,659	C	2,928	C	2.61%	1.50%	1.11%	W	55	84	1.82%	2.78%		2,714	C	3,012	D	Pass	
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	730	1,467	1,530	1,312	D	1,199	D	0.91%	0.36%	0.55%	W	19	29	1.31%	2.00%		1,331	D	1,229	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	730	1,467	1,530	1,312	D	1,199	D	1.61%	0.67%	0.93%	W	34	52	2.31%	3.53%		1,346	D	1,251	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	730	1,467	1,530	1,076	D	1,012	D	0.80%	0.27%	0.53%	W	17	26	1.15%	1.76%		1,092	D	1,038	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	730	1,467	1,530	628	C	853	D	0.50%	0.15%	0.36%	W	11	16	0.72%	1.11%		639	C	869	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	370	792	792	1,940	F	1,774	F	1.01%	0.41%	0.60%	E	32	21	4.10%	2.68%		1,972	F	1,795	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	9,925	E	9,859	E	8.03%	4.75%	3.28%	N	259	169	2.82%	1.85%		10,184	F	10,029	F	Fail	Y
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	11,211	F	11,406	F	7.29%	3.74%	3.55%	N	235	154	2.56%	1.68%		11,445	F	11,560	F	Fail	Y
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	16,725	F	11,020	E	6.47%	3.19%	3.28%	N	208	137	1.90%	1.24%		16,933	F	11,157	E	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	2,830	C	3,182	F	3.20%	2.14%	1.06%	E	103	68	3.42%	2.24%		2,933	C	3,250	F	Fail	Y
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	2,479	C	2,789	C	1.56%	1.16%	0.41%	E	50	33	1.67%	1.09%		2,530	C	2,822	C	Pass	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	1,350	C	487	C	0.21%	0.10%	0.11%	E	7	4	0.44%	0.29%		1,357	C	491	C	Pass	
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	1,134	C	1,825	C	7.88%	3.57%	4.31%	E	254	166	8.41%	5.51%	Y	1,388	C	1,991	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	1,134	C	1,825	C	4.83%	2.21%	2.62%	E	155	102	5.15%	3.37%	Y	1,290	C	1,926	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	1,134	C	1,825	C	4.71%	2.16%	2.55%	W	99	152	3.29%	5.03%	Y	1,234	C	1,976	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	2,722	C	2,647	C	3.77%	1.80%	1.97%	W	79	121	2.63%	4.02%		2,801	C	2,768	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	2,722	C	2,647	C	2.55%	1.19%	1.36%	W	54	82	1.78%	2.72%		2,776	C	2,729	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,727	C	2,538	C	4.02%	1.81%	2.21%	W	85	129	2.81%	4.29%		2,811	C	2,668	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,921	C	3,022	F	3.27%	1.56%	1.71%	W	69	105	2.28%	3.49%		2,990	D	3,128	F	Fail	Y
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,921	C	3,022	F	2.92%	1.41%	1.51%	W	61	94	2.04%	3.11%		2,982	D	3,116	F	Fail	Y
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,921	C	3,022	F	2.87%	1.39%	1.49%	W	61	92	2.01%	3.06%		2,982	D	3,115	F	Fail	Y
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	5,025	F	4,321	F	2.40%	1.12%	1.28%	W	51	77	1.68%	2.56%		5,076	F	4,399	F	Fail	Y
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	1,964	C	2,385	C	0.83%	0.34%	0.49%	W	18	27	0.65%	0.99%		1,981	C	2,412	C	Pass	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,778	C	2,000	C	0.42%	0.18%	0.23%	W	9	13	0.24%	0.37%		1,787	C	2,014	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	2,316	C	2,150	C	3.22%	1.15%	2.07%	W	68	104	2.25%	3.43%		2,384	C	2,254	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	2,408	C	2,603	C	2.01%	0.80%	1.21%	W	42	65	1.40%	2.14%		2,451	C	2,667	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	2,607	C	1,885	C	0.74%	0.29%	0.45%	W	16	24	0.58%	0.88%		2,622	C	1,909	C	Pass	
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	2,667	D	1,609	C	0.52%	0.31%	0.21%	W	11	17	0.40%	0.61%		2,678	D	1,625	C	Pass	

Volume from Model

Diverted Trip Route Segment (Net External Trips Applied)

Fails with total trips but Project % of Adopted LOS does not exceed 5%

Table II-6A: Zoning Long Term (Year 2040) Study Area Roadway Segment LOS Analysis - ADM AM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	558	OUT =	596	Dir Analysis		% Adopt LOS								
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	16,459	F	7,961	D	6.87%	3.72%	3.15%	S	38	41	0.42%	0.45%		16,497	F	8,002	D	Fail	Y
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	10,920	F	6,518	C	6.81%	3.53%	3.28%	S	38	41	0.41%	0.44%		10,958	F	6,559	C	Fail	Y
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	13,688	F	10,525	F	8.39%	4.20%	4.19%	S	47	50	0.51%	0.55%		13,734	F	10,576	F	Fail	Y
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	13,135	F	14,252	F	9.11%	4.64%	4.47%	S	51	54	0.56%	0.59%		13,186	F	14,307	F	Fail	Y
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	10,870	F	13,789	F	9.56%	4.95%	4.62%	S	53	57	0.58%	0.62%		10,924	F	13,846	F	Fail	Y
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	9,251	E	14,929	F	10.87%	5.72%	5.15%	S	61	65	0.66%	0.71%		9,312	E	14,994	F	Fail	Y
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	7,843	D	13,161	F	19.98%	10.47%	9.51%	S	121	110	1.32%	1.20%		7,964	D	13,271	F	Fail	Y
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	8,478	D	14,226	F	15.97%	8.08%	7.89%	N	95	89	1.04%	0.97%		8,573	D	14,315	F	Fail	Y
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	4,823	C	7,307	D	16.64%	7.84%	8.80%	E	99	93	1.35%	1.27%		4,923	C	7,400	E	Fail	
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	8,311	F	8,383	F	11.44%	5.50%	5.94%	E	68	64	0.93%	0.87%		8,379	F	8,447	F	Fail	Y
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	8,231	F	8,302	F	7.00%	3.16%	3.83%	E	42	39	0.57%	0.53%		8,273	F	8,341	F	Fail	Y
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	9,169	F	7,551	E	2.88%	1.34%	1.54%	N	17	16	0.23%	0.22%		9,186	F	7,567	E	Fail	Y
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	9,013	F	8,572	F	3.88%	1.84%	2.04%	N	23	22	0.42%	0.39%		9,036	F	8,594	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	8,430	F	8,158	E	5.46%	2.63%	2.83%	N	33	30	0.44%	0.42%		8,462	F	8,189	E	Fail	Y
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	5,580	C	6,303	D	2.54%	1.51%	1.03%	S	14	15	0.19%	0.21%		5,594	C	6,318	D	Pass	
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	9,440	D	9,045	C	8.04%	4.16%	3.88%	N	48	45	0.44%	0.41%		9,488	D	9,090	C	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	9,765	D	4,099	B	10.04%	5.16%	4.88%	N	60	56	0.55%	0.51%		9,825	D	4,155	B	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	7,788	C	8,899	C	12.04%	6.16%	5.88%	N	72	67	0.65%	0.61%		7,860	C	8,966	C	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	6,943	B	10,088	C	12.04%	6.16%	5.88%	N	72	67	0.56%	0.52%		7,014	B	10,155	C	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	7,605	B	8,471	C	17.67%	8.62%	9.06%	N	105	99	0.82%	0.77%		7,710	B	8,570	C	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	8,218	B	11,963	C	25.16%	13.10%	12.06%	N	150	140	0.95%	0.89%		8,368	B	12,103	C	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	6,096	B	9,335	C	33.89%	20.91%	12.98%	N	241	150	1.87%	1.16%		6,338	B	9,484	C	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	10,700	10,980	12,160	4,268	B	8,863	C	21.07%	8.30%	12.76%	S	96	147	0.87%	1.34%		4,364	B	9,011	C	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	4,268	B	8,863	C	18.33%	8.30%	10.03%	S	96	116	0.87%	1.05%		4,364	B	8,979	C	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	8,178	C	4,578	B	14.81%	8.09%	6.72%	E	93	78	0.85%	0.71%		8,271	C	4,656	B	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	3,396	C	1,979	B	3.39%	1.68%	1.70%	E	20	19	0.37%	0.34%		3,416	C	1,998	B	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	2,813	B	2,010	B	1.98%	0.99%	0.98%	E	12	11	0.21%	0.20%		2,825	B	2,021	B	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	2,707	B	1,543	B	1.88%	0.97%	0.92%	E	11	10	0.20%	0.19%		2,718	B	1,553	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,719	1,800	1,800	513	C	429	C	0.09%	0.00%	0.09%	S	0	1	0.03%	0.03%		514	C	429	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	-	-	NOT 2020 LINK																					
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	-	-	NOT 2020 LINK																					
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	1,800	192	C	160	C	12.26%	7.19%	5.06%	S	74	80	4.09%	4.43%		265	C	240	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	192	C	160	C	36.77%	21.57%	15.19%	E	270	190	7.46%	5.25%	Y	462	C	350	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	1,067	C	891	C	34.10%	18.91%	15.19%	E	237	190	6.54%	5.25%	Y	1,304	C	1,081	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	980	C	3,268	F	13.44%	6.30%	7.14%	E	73	82	3.03%	3.43%		1,053	C	3,351	F	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	980	C	3,268	F	8.52%	3.98%	4.54%	E	51	48	2.12%	1.98%		1,031	C	3,316	F	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,770	C	1,177	C	7.08%	3.30%	3.78%	E	42	40	1.76%	1.65%		1,812	C	1,217	C	Pass	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,770	C	1,177	C	4.36%	1.96%	2.40%	E	26	24	1.08%	1.01%		1,796	C	1,201	C	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,395	C	1,005	C	2.60%	1.14%	1.45%	E	15	14	0.64%	0.60%		1,410	C	1,020	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	961	C	797	C	1.58%	0.76%	0.83%	E	9	9	0.26%	0.24%		971	C	806	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	2,718	812	C	973	C	35.87%	18.30%	17.57%	W	229	220	8.43%	8.10%	Y	1,042	C	1,193	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	2,718	395	C	473	C	36.08%	18.40%	17.67%	E	235	217	8.65%	7.98%	Y	630	C	690	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	947	F	950	F	0.47%	0.24%	0.22%	E	3	3	0.41%	0.39%		950	F	953	F	Fail	Y
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	947	F	950	F	0.00%	0.00%	0.00%	E	0	0	0.00%	0.00%		947	F	950	F	Fail	Y
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	1,106	C	558	C	1.94%	0.91%	1.03%	E	12	11	0.64%	0.60%		1,117	C	568	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,626	C	1,327	C	0.67%	0.28%	0.40%	E	4	4	0.22%	0.21%		1,630	C	1,331	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	940	C	893	C	0.42%	0.14%	0.28%	E	3	2	0.14%	0.13%		943	C	895	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	1,054	D	737	D	0.62%	0.34%	0.28%	E	4	3	0.22%	0.20%		1,058	D	740	D	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	1,442	D	1,047	D	0.01%	0.01%	0.00%	E	0	0	0.00%	0.00%		1,442	D	1,047	D	Pass	
878684	NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	1.00	4	E	1,910	2,000	2,000	720	C	986	C	2.66%	1.36%	1.30%	W	15	16	0.74%	0.79%		735	C	1,002	C	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	E	2,940	3,020	3,020	1,048	C	1,711	C	2.74%	1.36%	1.39%	W	15	16	0.51%	0.54%		1,063	C	1,728	C	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	E	2,940	3,020	3,020	1,048	C	1,711	C	1.74%	0.77%	0.97%	E	9	11	0.29%	0.37%		1,056	C	1,723	C	Pass	

Table II-6A: Zoning Long Term (Year 2040) Study Area Roadway Segment LOS Analysis - ADM AM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS Peak Hour Peak Dir Analysis				ADM PROJECT TRIPS									TOTAL TRIPS					
														IN =	558	OUT =	596	Dir Analysis		% Adopt LOS								
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	1,368	C	1,836	C	0.62%	0.15%	0.47%	S	3	4	0.12%	0.12%		1,371	C	1,839	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	917	C	1,232	C	1.62%	0.68%	0.94%	S	8	11	0.39%	0.54%		925	C	1,243	C	Pass	
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	597	C	364	C	0.20%	0.10%	0.10%	S	1	1	0.15%	0.15%		598	C	365	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	597	C	364	C	0.06%	0.04%	0.02%	S	0	0	0.06%	0.03%		597	C	364	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	597	C	364	C	1.56%	0.83%	0.73%	S	10	8	0.53%	0.47%		606	C	372	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	597	C	364	C	3.54%	1.82%	1.71%	S	21	20	2.66%	2.50%		618	C	384	C	Pass	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	1,800	397	C	332	C	39.61%	20.23%	19.39%	S	253	243	14.07%	13.49%	Y	651	C	575	C	Pass	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	1,800	265	C	221	C	43.22%	22.04%	21.18%	N	276	265	15.34%	14.73%	Y	541	C	486	C	Pass	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,680	C	1,322	C	4.56%	2.41%	2.14%	S	25	27	1.41%	1.51%		1,706	C	1,349	C	Pass	
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	750	C	372	C	1.74%	1.01%	0.73%	S	10	10	0.54%	0.58%		759	C	383	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	1,800	284	C	237	C	13.22%	7.00%	6.22%	W	79	86	4.42%	4.78%		364	C	323	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	1,800	206	C	172	C	19.92%	7.16%	12.76%	E	90	160	4.98%	8.88%	Y	295	C	332	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	2,256	C	1,579	C	1.46%	0.07%	1.39%	W	8	9	0.27%	0.29%		2,265	C	1,588	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	3,451	F	2,388	C	2.10%	0.07%	2.03%	W	12	13	0.39%	0.41%		3,462	F	2,401	C	Fail	Y
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	4,040	2,772	C	2,296	C	4.26%	1.89%	2.37%	E	25	24	0.63%	0.59%		2,797	C	2,320	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	2,791	C	2,562	C	2.93%	1.53%	1.39%	E	17	16	0.58%	0.54%		2,809	C	2,578	C	Pass	
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	657	1,467	1,530	1,176	D	1,124	D	0.89%	0.34%	0.55%	E	5	5	0.36%	0.34%		1,181	D	1,129	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	657	1,467	1,530	1,176	D	1,124	D	1.63%	0.67%	0.96%	E	10	9	0.66%	0.62%		1,186	D	1,133	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	657	1,467	1,530	1,180	D	989	D	0.82%	0.27%	0.55%	E	5	5	0.33%	0.31%		1,185	D	994	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	657	1,467	1,530	599	C	927	D	0.51%	0.14%	0.36%	E	3	3	0.21%	0.19%		602	C	929	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	747	792	792	1,739	F	1,662	F	0.99%	0.39%	0.60%	W	6	6	0.70%	0.75%		1,745	F	1,668	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	9,417	E	7,743	D	8.05%	4.75%	3.30%	S	45	48	0.49%	0.52%		9,462	E	7,791	D	Fail	Y
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	9,495	E	11,608	F	7.37%	3.77%	3.61%	S	41	44	0.45%	0.48%		9,536	E	11,652	F	Fail	Y
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	11,903	E	14,362	F	6.54%	3.21%	3.33%	S	36	39	0.33%	0.36%		11,940	E	14,401	F	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	3,865	F	2,279	C	3.22%	2.13%	1.09%	W	18	19	0.59%	0.64%		3,883	F	2,298	C	Fail	Y
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	2,991	D	2,354	C	1.63%	1.23%	0.40%	W	9	10	0.30%	0.32%		3,000	D	2,364	C	Pass	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	359	C	1,816	F	0.20%	0.10%	0.10%	W	1	1	0.07%	0.08%		360	C	1,817	F	Fail	Y
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	1,599	C	1,234	C	7.81%	3.72%	4.10%	W	44	47	1.44%	1.54%		1,643	C	1,280	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	1,599	C	1,234	C	5.06%	2.33%	2.74%	W	28	30	0.94%	1.00%		1,627	C	1,264	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	1,599	C	1,234	C	4.73%	2.17%	2.56%	E	28	26	0.93%	0.87%		1,627	C	1,260	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	2,395	C	2,512	C	3.84%	1.85%	2.00%	E	23	21	0.76%	0.71%		2,418	C	2,533	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	2,395	C	2,512	C	2.67%	1.25%	1.42%	E	16	15	0.53%	0.49%		2,411	C	2,527	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,746	C	2,075	C	4.00%	1.90%	2.10%	E	24	22	0.79%	0.74%		2,770	C	2,098	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,770	C	2,370	C	3.37%	1.63%	1.75%	E	20	19	0.67%	0.62%		2,790	C	2,388	C	Pass	
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,770	C	2,370	C	3.02%	1.46%	1.56%	E	18	17	0.60%	0.56%		2,788	C	2,387	C	Pass	
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,770	C	2,370	C	2.97%	1.44%	1.54%	E	18	17	0.59%	0.55%		2,788	C	2,386	C	Pass	
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	3,480	F	4,992	F	2.52%	1.19%	1.33%	E	15	14	0.50%	0.47%		3,495	F	5,006	F	Fail	Y
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	2,716	D	2,239	C	0.86%	0.36%	0.50%	E	5	5	0.19%	0.18%		2,721	F	2,244	C	Fail	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,599	C	1,533	C	0.45%	0.21%	0.23%	E	3	2	0.07%	0.07%		1,602	C	1,535	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	2,003	C	1,805	C	3.23%	1.16%	2.07%	E	19	18	0.64%	0.60%		2,023	C	1,823	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	2,573	C	2,881	C	1.97%	0.79%	1.18%	E	12	11	0.39%	0.36%		2,584	C	2,892	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	1,770	C	2,890	F	0.77%	0.31%	0.46%	E	5	4	0.17%	0.16%		1,775	C	2,894	F	Fail	Y
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	1,761	C	2,484	C	0.52%	0.31%	0.22%	E	3	3	0.12%	0.11%		1,765	C	2,487	C	Pass	

Volume from Model

Diverted Trip Route Segment (Net External Trips Applied)

Fails with total trips but Project % of Adopted LOS does not exceed 5%

Table II-6B: Zoning Long Term (Year 2040) Study Area Roadway Segment LOS Analysis - ADM PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	3,221	OUT =	2,110	Dir Analysis		% Adopt LOS								
										NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	9,573	E	14,210	F	6.87%	3.72%	3.15%	N	221	145	2.42%	1.58%		9,794	E	14,355	F	Fail	Y
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	7,515	C	9,899	E	6.81%	3.53%	3.28%	N	219	144	2.39%	1.57%		7,735	D	10,042	F	Fail	Y
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	11,090	F	15,698	F	8.39%	4.20%	4.19%	N	270	177	2.95%	1.93%		11,361	F	15,875	F	Fail	Y
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	13,670	F	15,029	F	9.11%	4.64%	4.47%	N	294	192	3.20%	2.10%		13,963	F	15,221	F	Fail	Y
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	13,667	F	12,038	F	9.56%	4.95%	4.62%	N	308	202	3.36%	2.20%		13,975	F	12,239	F	Fail	Y
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	15,370	F	10,132	F	10.87%	5.72%	5.15%	N	350	229	3.82%	2.50%		15,720	F	10,362	F	Fail	Y
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	13,116	F	8,714	D	19.98%	10.47%	9.51%	N	558	507	6.09%	5.54%	Y	13,674	F	9,221	E	Fail	Y
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	14,178	F	9,420	E	15.97%	8.08%	7.89%	S	337	514	3.68%	5.61%	Y	14,515	F	9,934	E	Fail	Y
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	7,665	E	5,611	C	16.64%	7.84%	8.80%	W	351	536	4.79%	7.31%	Y	8,016	E	6,147	D	Fail	Y
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	8,598	F	8,359	F	11.44%	5.50%	5.94%	W	241	369	3.29%	5.03%	Y	8,839	F	8,727	F	Fail	Y
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	8,515	F	8,278	F	7.00%	3.16%	3.83%	W	148	225	2.01%	3.07%		8,662	F	8,504	F	Fail	Y
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	8,525	F	7,895	E	2.88%	1.34%	1.54%	S	61	93	0.83%	1.27%		8,585	F	7,988	E	Fail	Y
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	8,223	F	8,998	F	3.88%	1.84%	2.04%	S	82	125	1.49%	2.27%		8,305	F	9,123	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	8,525	F	8,445	F	5.46%	2.63%	2.83%	S	115	176	1.57%	2.40%		8,640	F	8,621	F	Fail	Y
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	7,403	E	6,303	D	2.54%	1.51%	1.03%	N	82	54	1.12%	0.73%		7,485	E	6,357	D	Fail	Y
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	9,979	D	9,499	D	8.04%	4.16%	3.88%	S	170	259	1.54%	2.36%		10,148	D	9,758	D	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	8,799	C	7,884	C	10.04%	5.16%	4.88%	S	212	323	1.93%	2.94%		9,011	C	8,207	C	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	6,422	B	5,831	B	12.04%	6.16%	5.88%	S	254	388	2.31%	3.53%		6,676	B	6,219	B	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	8,602	C	7,942	C	12.04%	6.16%	5.88%	S	254	388	1.97%	3.01%		8,856	C	8,329	C	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	9,605	C	6,530	B	17.67%	8.62%	9.06%	S	373	569	2.89%	4.42%		9,978	C	7,100	B	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	9,959	B	7,677	B	25.16%	13.10%	12.06%	S	531	810	3.38%	5.16%	Y	10,490	C	8,488	B	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	8,514	C	5,736	B	33.89%	20.91%	12.98%	S	1,115	692	8.66%	5.37%	Y	9,629	C	6,427	B	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	10,700	10,980	12,160	9,069	C	5,108	B	21.07%	8.30%	12.76%	N	442	680	4.03%	6.20%	Y	9,511	C	5,789	B	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	9,069	C	5,108	B	18.33%	8.30%	10.03%	N	442	535	4.03%	4.87%		9,511	D	5,643	B	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	4,709	B	8,201	C	14.81%	8.09%	6.72%	W	431	358	3.93%	3.26%		5,140	B	8,560	C	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	1,753	B	3,643	C	3.39%	1.68%	1.70%	W	71	109	1.30%	1.98%		1,825	B	3,752	C	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	3,161	B	3,920	C	1.98%	0.99%	0.98%	W	42	64	0.76%	1.16%		3,203	B	3,984	C	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	1,926	B	2,496	B	1.88%	0.97%	0.92%	W	40	61	0.72%	1.10%		1,965	B	2,556	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,719	1,800	1,800	429	C	513	C	0.09%	0.00%	0.09%	N	3	2	0.15%	0.10%		431	C	515	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	-	-	OT 2020 ROADWAY LIN																					
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	-	-	OT 2020 ROADWAY LIN																					
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	1,800	160	C	192	C	12.26%	7.19%	5.06%	N	425	284	23.63%	15.75%	Y	585	C	475	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	160	C	192	C	36.77%	21.57%	15.19%	W	1,248	879	34.44%	24.25%	Y	1,408	C	1,070	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	891	C	1,067	C	34.10%	18.91%	15.19%	W	1,094	879	30.19%	24.25%	Y	1,985	C	1,946	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	3,113	F	1,357	C	13.44%	6.30%	7.14%	W	336	380	13.99%	15.85%	Y	3,449	F	1,738	C	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	3,113	F	1,357	C	8.52%	3.98%	4.54%	W	180	274	7.48%	11.43%	Y	3,292	F	1,631	C	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,770	C	2,104	C	7.08%	3.30%	3.78%	W	149	228	6.23%	9.51%	Y	1,919	C	2,332	D	Pass	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,770	C	2,104	C	4.36%	1.96%	2.40%	W	92	140	3.83%	5.85%	Y	1,862	C	2,244	C	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,564	C	1,832	C	2.60%	1.14%	1.45%	W	55	84	2.28%	3.48%		1,619	C	1,916	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	1,032	C	1,162	C	1.58%	0.76%	0.83%	W	33	51	0.92%	1.41%		1,065	C	1,213	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	2,718	973	C	812	C	35.87%	18.30%	17.57%	E	1,058	1,016	38.94%	37.39%	Y	2,032	C	1,829	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	2,718	473	C	395	C	36.08%	18.40%	17.67%	W	835	1,252	30.71%	46.07%	Y	1,308	C	1,647	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	569	D	463	D	0.47%	0.24%	0.22%	W	10	15	1.46%	2.23%		579	D	478	D	Pass	
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	569	D	463	D	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%		569	D	463	D	Pass	
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	555	C	625	C	1.94%	0.91%	1.03%	W	41	63	2.28%	3.47%		596	C	688	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,263	C	1,235	C	0.67%	0.28%	0.40%	W	14	22	0.79%	1.20%		1,277	C	1,257	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	1,282	C	1,532	C	0.42%	0.14%	0.28%	W	9	14	0.50%	0.76%		1,291	C	1,545	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	836	D	846	D	0.62%	0.34%	0.28%	W	13	20	0.77%	1.17%		849	D	866	D	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	1,328	D	1,102	D	0.01%	0.01%	0.00%	W	0	0	0.01%	0.02%		1,328	D	1,102	D	Pass	
878684	NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	1.00	4	E	1,910	2,000	2,000	1,068	C	903	C	2.66%	1.36%	1.30%	E	86	56	4.28%	2.80%		1,154	C	959	C	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	E	2,940	3,020	3,020	1,532	C	1,236	C	2.74%	1.36%	1.39%	E	88	58	2.92%	1.91%		1,620	C	1,294	C	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	E	2,940	3,020	3,020	1,532	C	1,236	C	1.74%	0.77%	0.97%	W	41	52	1.35%	1.72%		1,572	C	1,288	C	Pass	

Table II-6B: Zoning Long Term (Year 2040) Study Area Roadway Segment LOS Analysis - ADM PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS									TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	3,221	OUT =	2,110	Dir Analysis		% Adopt LOS								
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	2,309	C	1,764	C	0.62%	0.15%	0.47%	N	20	13	0.67%	0.44%		2,329	C	1,777	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	1,333	C	1,151	C	1.62%	0.68%	0.94%	N	36	50	1.81%	2.50%		1,369	C	1,201	C	Pass	
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	639	C	548	C	0.20%	0.10%	0.10%	N	5	5	0.68%	0.68%		644	C	554	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	639	C	548	C	0.06%	0.04%	0.02%	N	2	1	0.27%	0.15%		641	C	549	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	639	C	548	C	1.56%	0.83%	0.73%	N	44	39	2.47%	2.15%		683	C	587	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	639	C	548	C	3.54%	1.82%	1.71%	N	97	91	12.27%	11.53%	Y	736	C	639	C	Pass	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	1,800	332	C	397	C	39.61%	20.23%	19.39%	N	1,170	1,121	65.00%	62.29%	Y	1,502	C	1,519	C	Pass	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	1,800	221	C	265	C	43.22%	22.04%	21.18%	S	1,275	1,225	70.83%	68.05%	Y	1,496	C	1,489	C	Pass	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,856	F	2,228	F	4.56%	2.41%	2.14%	N	147	96	8.15%	5.34%	Y	2,003	F	2,324	F	Fail	Y
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	243	C	388	C	1.74%	1.01%	0.73%	N	56	37	3.11%	2.04%		299	C	424	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	1,800	237	C	284	C	13.22%	7.00%	6.22%	E	459	306	25.50%	16.99%	Y	696	C	590	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	1,800	172	C	206	C	19.92%	7.16%	12.76%	W	414	738	23.00%	41.02%	Y	586	C	944	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	1,950	C	2,706	C	1.46%	0.07%	1.39%	E	47	31	1.55%	1.02%		1,996	C	2,737	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	3,573	F	4,177	F	2.10%	0.07%	2.03%	E	68	44	2.24%	1.47%		3,641	F	4,221	F	Fail	Y
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	4,040	2,927	C	2,388	C	4.26%	1.89%	2.37%	W	90	137	2.23%	3.40%		3,017	C	2,526	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	2,659	C	2,928	C	2.93%	1.53%	1.39%	W	62	94	2.05%	3.12%		2,721	C	3,023	F	Fail	
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	657	1,467	1,530	1,312	D	1,199	D	0.89%	0.34%	0.55%	W	19	29	1.28%	1.95%		1,330	D	1,228	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	657	1,467	1,530	1,312	D	1,199	D	1.63%	0.67%	0.96%	W	34	53	2.35%	3.58%		1,346	D	1,252	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	657	1,467	1,530	1,076	D	1,012	D	0.82%	0.27%	0.55%	W	17	26	1.18%	1.80%		1,093	D	1,038	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	657	1,467	1,530	628	C	853	D	0.51%	0.14%	0.36%	W	11	16	0.73%	1.11%		639	C	869	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	747	792	792	1,940	F	1,774	F	0.99%	0.39%	0.60%	E	32	21	4.03%	2.64%		1,972	F	1,794	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	9,925	E	9,859	E	8.05%	4.75%	3.30%	N	259	170	2.83%	1.85%		10,184	F	10,029	F	Fail	Y
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	11,211	F	11,406	F	7.37%	3.77%	3.61%	N	238	156	2.59%	1.70%		11,448	F	11,562	F	Fail	Y
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	16,725	F	11,020	E	6.54%	3.21%	3.33%	N	211	138	1.92%	1.26%		16,935	F	11,158	E	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	2,830	C	3,182	F	3.22%	2.13%	1.09%	E	104	68	3.43%	2.25%		2,934	C	3,250	F	Fail	Y
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	2,479	C	2,789	C	1.63%	1.23%	0.40%	E	52	34	1.74%	1.14%		2,532	C	2,823	C	Pass	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	1,350	C	487	C	0.20%	0.10%	0.10%	E	6	4	0.42%	0.27%		1,357	C	491	C	Pass	
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	1,134	C	1,825	C	7.81%	3.72%	4.10%	E	252	165	8.33%	5.46%	Y	1,386	C	1,989	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	1,134	C	1,825	C	5.06%	2.33%	2.74%	E	163	107	5.40%	3.54%	Y	1,297	C	1,931	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	1,134	C	1,825	C	4.73%	2.17%	2.56%	W	100	152	3.30%	5.04%	Y	1,234	C	1,977	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	2,722	C	2,647	C	3.84%	1.85%	2.00%	W	81	124	2.69%	4.10%		2,803	C	2,771	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	2,722	C	2,647	C	2.67%	1.25%	1.42%	W	56	86	1.87%	2.85%		2,778	C	2,733	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,727	C	2,538	C	4.00%	1.90%	2.10%	W	84	129	2.80%	4.27%		2,811	C	2,667	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,921	C	3,022	F	3.37%	1.63%	1.75%	W	71	109	2.36%	3.60%		2,992	D	3,131	F	Fail	Y
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,921	C	3,022	F	3.02%	1.46%	1.56%	W	64	97	2.11%	3.22%		2,985	D	3,120	F	Fail	Y
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,921	C	3,022	F	2.97%	1.44%	1.54%	W	63	96	2.08%	3.17%		2,984	D	3,118	F	Fail	Y
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	5,025	F	4,321	F	2.52%	1.19%	1.33%	W	53	81	1.76%	2.69%		5,078	F	4,403	F	Fail	Y
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	1,964	C	2,385	C	0.86%	0.36%	0.50%	W	18	28	0.67%	1.02%		1,982	C	2,412	C	Pass	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,778	C	2,000	C	0.45%	0.21%	0.23%	W	9	14	0.26%	0.40%		1,787	C	2,014	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	2,316	C	2,150	C	3.23%	1.16%	2.07%	W	68	104	2.26%	3.45%		2,384	C	2,254	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	2,408	C	2,603	C	1.97%	0.79%	1.18%	W	41	63	1.37%	2.10%		2,450	C	2,666	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	2,607	C	1,885	C	0.77%	0.31%	0.46%	W	16	25	0.60%	0.92%		2,623	C	1,910	C	Pass	
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	2,667	D	1,609	C	0.52%	0.31%	0.22%	W	11	17	0.41%	0.62%		2,678	D	1,626	C	Pass	

Volume from Model

Diverted Trip Route Segment (Net External Trips Applied)

Fails with total trips but Project % of Adopted LOS does not exceed 5%

5.2 Year 2040 Zoning Intersection LOS

The development of the Year 2040 Zoning TMVs are referenced in **Appendix I-K** and includes the before mentioned incorporation of percent project distributions, for the Graham (for the project trips), and the balancing of trips to ensure that inbound and outbound approach volumes were reasonable.

Once again, the background TMVs were analyzed using the Synchro software as were the total TMVs. The with ADM plus with Graham, or Combined, Project trips serve as the premise for all total intersection LOS analyses. There are no longer individual ADM or Graham total intersection analyses. **Table III-7** shows the resulting Total with Combined LOS operational findings for the Year 2040 Zoning AM and PM analyses and include the results of the implementing lane configuration mitigations to address congestion at needed intersections (see **Appendix IV-D** and **Appendix IV-E** for descriptions on the mitigation needs and responsibilities). The background LOS Synchro analyses printouts are provided in **Appendix I-P**. The LOS Synchro Combined ADM/Graham Project Trip analysis HCM 2010 printouts are provided in **Appendix IV-C** for year 2040. A detailed summary of the deficiencies and mitigations are provided in the section titled Mitigation Summary at the end of this Chapter.

6.0 IMPACT FEE ASSESSMENT

A preliminary site-specific impact fee assessment was prepared for the Graham Site. The review was based on the MDC impact fee formula and includes adjustments for the trip generation information associated with the Site along with adjustments to the PDC factor used to convert the County's roadway costs to present day costs. The impact review was prepared as a separate supporting study to this report and is summarized in **Appendix III-A**.

7.0 AIR QUALITY REVIEW

The earlier Development of Regional Impact (DRI) analysis included an air quality review as part of its Question 22 information. Since the Graham Site is performing Zoning analyses similar to the DRI traffic impact review, an air quality review is also included in this report. The preliminary air quality review for the Graham Site is included in **Appendix III-B**.

In summary, the air quality for the Graham Site addressed each of the sub-questions for the Question 22 Air Quality review and recommends that further coordination be made with local air quality review agencies following the final completion of the American Dream Miami and the Graham CDMP TIA and Support Traffic Studies Report.

Table III-7: Zoning Long Term (Year 2040) Background and Combined Intersection LOS Analysis

Intersection ID	Intersection	Background only 2040 (Without Mitigation)				Background only 2040 (With Mitigation)				Total 2040 (Without Mitigation)				Total 2040 (With Mitigation)			
		AM		PM		AM		PM		AM		PM		AM		PM	
		LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay
1	NW 87th Ave Miami Gardens Dr	F	345.10	F	227.60	F	207.40	F	118.40	F	506.80	F	380.00	F	299.50	F	215.80
2	NW 82nd Ave Miami Gardens Dr	F	119.10	F	110.80	E	55.80	D	46.40	F	169.00	F	185.10	D	54.70	D	46.30
3	NW 79th Ave Miami Gardens Dr	F	173.60	D	41.10	C	32.30	C	29.20	F	233.50	E	67.00	D	42.70	D	41.80
4	W Oakmont Dr Miami Gardens Dr	C	22.00	D	45.00	B	12.80	C	29.10	C	26.10	D	51.80	B	17.00	C	34.60
5	NW 75th Ave Miami Gardens Dr	F	122.40	E	70.50	D	47.70	D	41.00	F	123.30	F	89.30	D	43.90	D	40.00
6	NW 73th Ave Miami Gardens Dr	C	20.70	C	33.10	B	17.40	C	24.10	C	25.40	C	33.40	B	17.30	C	30.40
7	NW 68th Ave Miami Gardens Dr	D	44.40	C	34.40	E	57.80	D	36.20	D	54.30	D	47.10	D	52.80	D	47.30
8	Bobolink Dr Miami Gardens Dr	F	217.40	F	273.10	F	217.30	F	139.40	F	260.90	F	348.50	F	260.90	F	201.90
9	NW 67th Ave Miami Gardens Dr	E	76.10	F	124.10	D	54.90	F	104.10	F	83.90	F	144.80	E	58.80	F	125.90
10	NW 62nd Ave Miami Gardens Dr	F	311.20	F	118.60	F	207.10	E	55.10	F	289.90	F	115.30	F	183.50	E	56.00

Table III-7: Zoning Long Term (Year 2040) Background and Combined Intersection LOS Analysis

Intersection ID	Intersection	Background only 2040 (Without Mitigation)				Background only 2040 (With Mitigation)				Total 2040 (Without Mitigation)				Total 2040 (With Mitigation)			
		AM		PM		AM		PM		AM		PM		AM		PM	
		LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay
11	SR823/ Red Rd Miami Gardens Dr	F	107.50	F	115.70	F	82.60	F	106.40	F	105.60	F	123.50	F	83.80	F	123.50
12	NW 97th Ave/ W 36th Ave NW 138th St/ W 84th St	F	110.70	F	174.60	F	109.70	F	174.60	F	116.10	F	171.50	F	115.30	F	171.50
13	NW 97th Ave/ W 36th Ave NW 130th St	B	10.20	C	24.60	B	10.20	C	24.60	B	10.30	C	30.60	B	10.30	C	30.60
14	Ronal Reagan Turnpike Ramp(S) N Okeechobee Rd	F	247.20	E	78.80	F	160.40	E	77.70	F	279.20	F	153.30	F	199.00	F	152.20
15	Ronal Reagan Turnpike Ramp(N) N Okeechobee Rd	F	124.20	F	200.20	F	124.60	E	72.30	F	151.30	F	256.90	F	158.50	F	115.30
16	SR 823/ Red Rd Ronal Reagan Turnpike Ramp(E)	D	49.50	C	33.10	D	49.50	C	33.10	D	53.90	D	50.00	D	53.90	D	50.00
17	SR 823/ Red Rd Ronal Reagan Turnpike Ramp(W)	F	125.10	F	138.50	F	81.90	F	138.50	F	133.00	F	160.90	F	88.40	F	160.90
20	NW 138th St N Okeechobee Rd	F	204.90	F	261.30	F	194.90	F	183.50	F	214.10	F	286.80	F	202.90	F	197.30
23	Hialeah Gardens Blvd N Okeechobee Rd	F	165.60	F	416.00	F	127.90	F	298.70	F	200.70	F	439.20	F	158.40	F	329.30
36	I-75 Ramp (N) Miramar Pkwy	C	22.80	B	17.50	C	22.80	B	17.50	D	35.30	B	19.90	D	35.30	B	19.90

Table III-7: Zoning Long Term (Year 2040) Background and Combined Intersection LOS Analysis

Intersection ID	Intersection	Background only 2040 (Without Mitigation)				Background only 2040 (With Mitigation)				Total 2040 (Without Mitigation)				Total 2040 (With Mitigation)			
		AM		PM		AM		PM		AM		PM		AM		PM	
		LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay
37	I-75 Ramp (S) / Miramar Pkwy	D	41.60	B	11.80	D	41.60	B	11.80	D	48.10	B	19.50	D	52.30	B	19.50
38	I-75 Ramp (N) / Pines Blvd	C	29.70	B	10.60	C	29.60	B	10.60	C	31.50	B	11.60	C	30.40	B	11.90
39	I-75 Ramp (S) / Pines Blvd	D	53.50	B	14.90	D	51.90	B	14.90	E	72.80	B	17.00	E	59.30	B	17.00
44	Hialeah Gardens Blvd / W 68th St	F	280.50	F	170.10	F	168.90	E	55.30	F	285.90	F	197.80	F	180.80	E	61.20
50	NW 87th Ave / NW 170th St	F	304.00	F	97.40	F	135.60	F	92.60	F	302.50	F	169.10	F	145.10	F	165.80
51	Hialeah Gardens Blvd / NW 130th St	F	388.50	F	129.40	F	193.10	F	94.20	F	527.00	F	155.80	F	271.00	F	115.20
52	Hialeah Gardens Blvd / W 80th St	D	46.50	E	68.50	C	30.00	E	62.20	D	47.00	E	77.30	C	29.30	E	66.70
53	Hialeah Gardens Blvd / W 84th St	F	210.70	F	157.90	E	71.90	F	94.20	F	236.60	F	182.90	F	88.20	F	113.10
54	Hialeah Gardens Blvd / NW 138th St/ W 84th St	F	155.00	F	196.50	F	80.60	110	F	F	175.90	F	248.40	F	87.10	F	155.80

8.0 MITIGATION SUMMARY

There are two categories of roadway improvements applicable to the Graham Site. First, there are those roadway improvements which were assumed to be in place for the various analyses presented in this report (e.g. baseline improvements). Second, there are those additional improvements identified in this report to meet acceptable LOS based on forecast traffic.

Baseline Roadway Improvements

A summary of the roadway projects proposed as part of the study area roadway improvement plan for American Dream Miami and the Graham Project were originally presented in Chapter I as part of **Tables I-11** and **I-12** and reflects those improvements that are baseline for the two projects, prior to reviewing additional mitigation needs. The tables are presented here so as to highlight that they are part of the improvements in place by respectively years 2020 and 2040. The tables are indicated as **Tables III-8** and **III-9**. For the Year 2020 Planned Improvements, notes are included regarding the timelines and agencies that will be coordinated with for these projects, along with whether the projects are included in the Miami-Dade County Cost Feasible Plan.

Table III – 8: Future Year 2020 Roadway Improvements

Year 2020 Committed Improvements

Roadway	From	To	2020 No. of Lanes	Improvement	TIP #	FY
Florida's Turnpike /HEFT/SR 821	Bird Road	SR 836 (Dolpin Expwy)	6+4	Widen to 10L incl Express	U/C	2019
	SR 836 (Dolphin Expwy)	NW 106th Street	6+4	Widen to 10L incl Express	435543-1	2018/2019
	NW 106th Street	Interstate 75	6+4	Widen to 10L incl Express	435542-1	2017/2018
	Interstate 75	CR 823/Red Rd	6+2	Widen to 8L incl Express	435546-1	2016
	CR 823/Red Rd	Miramar Toll Plaza	6+2	Widen to 8L incl Express	429328-1	2017
Interstate 75	I-595	N of Griffin Rd	8+4	Add Special Use Lanes	4217076	2017
	Griffin Rd	Sheridan St	8+4	Add Special Use Lanes	4217075	2017
	Sheridan St	Miramar Pkwy/ S 33rd St	10+4	Add Special Use Lanes	4217074	2017
	Miramar Pkwy/ S 33rd St	Florida's Turnpike	12+4	Add Special Use Lanes	4217073	2017
	Florida's Turnpike	NW 170th St	10+4	Add Special Use Lanes	U/C	U/C
	NW 170th St	SR 826	8+4	Add Special Use Lanes	4326871	2017
SR 826	NW 154th St	I-75	6+2			
	I-75	NW 103rd St	6+4			
	NW 103rd St	NW 36th St	8+4			
	NW 36th St	Flagler St	10+2			

Source: Miami-Dade and Broward TIPs

Year 2020 Planned Improvements

Roadway	From	To	2020 No. of Lanes	Improvement	Coordinate With	FY	LRTP CF Plan Priority #
NW 102nd Ave	NW 178th St	ADM Project Access Rd	New 4	ADM Project	MDC	2020	N/A
Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Eastern Ramps	New 6	ADM Project	FDOT/MDC	2020	IV(4L)
NW 170th St	Florida Turnpike	NW 97th Ave	New 6	ADM/Graham Project	MDC	2020	III
NW 97th Ave	NW 170th St	NW 178th St	New 4	ADM/Graham Project	MDC	2020	N/A
NW 178th Ave	Graham Access	I-75	New 4	ADM/Graham Project	MDC	2020	N/A
Interchanges @ I-75/HEFT/Miami-Gardens Dr				Interchange Modifications	FDOT/Turnpike	2020	N/A
Interchange @ HEFT/NW 170th St				New Interchange	Turnpike	2020	N/A

Table III – 9: Future Year 2040 Roadway Improvements

Year 2040 Cost Feasible LRTP Improvements

Roadway	From	To	2040 No. of Lanes	Improvement	Priority #
NW 138th St	Florida's Turnpike	SR 826	6	Extend SR-924 to SR-821 (HEFT) with connections to I-75 and SR- 826	Priority II #30

Year 2040 Miami-Dade County Requested Improvements

Roadway	From	To	2040 No. of Lanes	Improvement	Priority #
NW 107th Ave	NW 138th St	NW 170th St	New 2	Per MDC Request	
NW 102nd Ave	NW 170th St	NW 178th St	New 4	Per MDC Request	

Backlogged and Graham Recommended Improvements

Based on the findings presented in this Chapter, the roadway link and intersection improvements have been identified for the Graham Project for years 2020 and 2040 based on the traffic analyses.

Roadway Improvements
The roadway improvements needed to ensure that adequate operating conditions are maintained by years 2020 and 2040 are presented in **Table III-10** and represents just those facilities which do not meet adopted LOS. The future year improvements are distinguished based on the following criteria:

- **Backlogged Roadways** represent those roadway segments which fail due to background traffic and do not require mitigation the Graham Project. In **Table III-10**, these segments are indicated by "**Y**" in the "Backlog Facility" Column followed by the mitigation findings for respectively the background and the total with Project trip number of lanes.
- **Project Responsible Roadways** represent those roadway segments where background traffic does not exceed adopted level of service conditions but rather the Graham Project traffic cause the facility to fail. In **E Table III-10**, these facilities are blank in the "Backlog Facility Column and are followed by just the mitigation findings for the total with Project trips.

Several notes are applicable to **Table III-10**:

- Miami Gardens Dr improvements are highlighted to indicate that there are current plans to widen this facility to six lanes.
- Mitigation was limited to a maximum of additional four lanes. Furthermore, for arterials no more than eight lanes were recommended. Any facility which still fails to meet

Table III-10: Roadway Segment LOS Analysis - Graham PM Mitigation Summary

						2020 Concurrency			2020 CDMP/Zoning			2040 CDMP				2040 Zoning			
STA ID	Roadway	From	To	Exist NL	2020 NL	Backlog Facility	# lanes BG Needs	# lanes Total Needs	Backlog Facility	# lanes BG Needs	# lanes Total Needs	2040 NL	Backlog Facility	# lanes BG Needs	# lanes Total Needs	2020 NL	Backlog Facility	# lanes BG Needs	# lanes Total Needs
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	8	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972526		SR 836	NW 12th Street	8	6+4							6+4	Y	8+4	8+4	6+4	Y	8+4	8+4
972230		NW 12th Street	NW 41th Street	8	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972269		NW 41th Street	NW 74th Street	8	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972268		NW 74th Street	NW 106th Street	8	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972272		NW 106th Street	US 27/ Okeechobee Rd	6	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972248		US 27/ Okeechobee Rd	NW 170th St	6	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972248		NW 170th St	Interstate 75	6	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972285		Interstate 75	CR 823/Red Rd	4	6+2							6+2	Y	6+4	6+4	6+2	Y	6+4	6+4
971996		CR 823/Red Rd	CR 817/NW 27th Ave	4	6+2							6+2	Y	6+4	6+4	6+2	Y	6+4	6+4
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	6	6+2							6+2	Y	6+4	6+4	6+2	Y	6+4	6+4
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	8	8							8	Y	10	10	8	Y	10	10
971902		Griffin Rd	Pines Blvd	6	6	Y	8	8	Y	10	10	6	Y	10	10	6	Y	10	10
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	8	8							8	Y	10	10	8	Y	10	10
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	8	8							8	Y	10	10	8	Y	10	10
n/a	NW 102nd Ave	NW 170th St	NW 178th St	-	-							New 4				-			
n/a		NW 178th St	ADM Project Access Rd	-	New 4							New 4				New 4			
872518	Miami Gardens Dr	Interstate 75 Eastern Ramps	NW 87th Ave	4	4	Y	6*	6*	Y	6*	6*	4	Y	6*	6*	4	Y	6*	6*
872518		NW 87th Ave	NW 82nd Ave	4	4	Y	6*	6*	Y	6*	6*	4	Y	6*	6*	4	Y	6*	6*
872517		NW 82nd Ave	NW 77nd Ave	4	4							4				4			
878243	NW 97th Ave	NW 154th St	NW 170th St	2	2							2			4	2			4
n/a		NW 170th St	Graham Access	-	New 4							New 4				New 4			
n/a		Graham Access	NW 178th St	-	New 4							New 4				New 4			
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	4	4	Y	6	6	Y	6	6	4	Y	6	6	4	Y	6	6
n/a	Miramar Pkwy	SW 160th Ave	Interstate 75	6	6	Y	8	8	Y	8	8	6	Y	8 Max	8 Max	6	Y	8 Max	8 Max
n/a		Interstate 75	SW 148th Ave	6	8							8				8			
867326		SW 148th Ave	Flamingo Rd	6	6							6				6			
877076	NW 122nd St	N Okeechobee Rd	NW 97th Ave	2	2	Y	4	4	Y	4	4	2	Y	6	6	2	Y	6	6
870575	SR 826	I-75	NW 122nd St	8	6+4							6+4	Y	8+4	8+4	6+4	Y	8+4	8+4
870574		NW 122nd St	NW 103rd St	10	6+4				Y	8+4	8+4	6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
870553		NW 103rd St	N Okeechobee Rd	10	8+4	Y	10+4	10+4	Y	12+4	12+4	8+4	Y	12+4	12+4	8+4	Y	12+4	12+4
875252	Okeechobee Rd	W 16th Ave (Milam Dairy Rd)	Hialeah Expy	6	6							6	Y	8	8	6	Y	8	8
875252		Hialeah Expy	NW 57th Ave (Red Road)	6	6							6	Y	8	8	6	Y	8	8
875252		NW 57th Ave (Red Road)	Hialeah Dr	6	6							6	Y	8	8	6	Y	8	8
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	6	6				Y	8	8	6	Y	8 Max	8 Max	6	Y	8 Max	8 Max

*	Miami Garden Dr planned to be widened to 6L
	Fails due to Project traffic
	Capacity needs more than 4 additional lanes or reasonable maximum number of lanes reached (e.g. NL Max); additional ITS, transit or other mitigation options should be considered
	Fails due to total traffic but Study Area Link 5% of Adopted LOS significance test not met

adopted LOS is highlighted as indicated and include a note that additional Intelligent Transportation System (ITS), transit, or other mitigation should be considered.

Improvements which are due to the Graham Project trips and not backlogged conditions are highlighted as noted.

Finally, there are a few segments which fail due to total with Graham Project traffic but where the 5 percent of adopted LOS service volume criteria is not met for Project trips. Graham is not responsible for these improvements.

A detailed evaluation of mitigation needs for all roadway segments being analyzed is included in **Appendix III-C**.

Intersection Improvements

Mitigation was performed, whenever possible, to improve intersection deficient LOS conditions for any of the analyzed intersections. No changes were made to the intersection signal timings. The improvements possible per intersection were limited to the following total configuration:

- 1 separate right turn lane
- 3 through lanes
- 2 left turn lanes

The intersection improvements needed to ensure that adequate operating conditions are maintained by years 2020 and 2040 are presented in **Table III-11** and represents just those facilities which do not meet adopted LOS. The future year improvements are distinguished based on the following criteria:

- **Backlogged Intersections** represent those roadway segments which fail due to background traffic and do not require mitigation by neither ADM nor Graham. In **Table III-11**, these segments are indicated in the "Background Mitigations" columns for respectively year 2020 and year 2040.
- **Project Responsible Roadways** represent those roadway segments where background traffic does not exceed adopted level of service conditions but rather the Project traffic cause the facility to fail. In **III-11**, these segments are indicated with a project-specific highlight in the "Total Mitigation with Combined Traffic" columns for respectively year 2020 and year 2040.

Several notes are applicable to **Table III-11**:

Improvements which occur with inclusion of Total ADM or Graham Project trips and not backlogged conditions but the approach roadway link does not meet the five percent of LOS capacity criteria are highlighted as noted.

Improvements which are due to backlogged conditions are highlighted as noted.

Improvements which are due to ADM Project trips and not backlogged conditions are highlighted as noted.

Improvements which are due to both ADM and Graham Project trips and not backlogged conditions are highlighted as noted.

Table III-11: Summary of 2020 and 2040 Intersection Mitigation Improvements

Description			Year 2020 Mitigation Results		Year 2020 ADM/Graham Project Improvements				Year 2040 Mitigation Results		Year 2040 ADM/Graham Project Improvements			
ID	Intersection	Movement	Background Mitigation	Total Mitigation w/ Combined Traffic	Imp (ADM)	Fair Share (ADM)	Imp (Graham)	Fair Share (Graham)	Background Mitigation	Total Mitigation w/ Combined Traffic	Imp (ADM)	Fair Share (ADM)	Imp (Graham)	Fair Share (Graham)
1	NW186th St/Miami Gardens Dr & NW 87th Ave	EBT							Add one Thru lane					
		WBL	Add one left lane						Add one left lane					
		WBT	Replaced shr thru & add sep right						Replaced shr thru & add sep right					
		WBR												
		NBL	Add one left lane						Add one left lane					
		SBL	Add one left lane						Add one left lane					
		SBT	Add one thru lane						Add one thru lane					
2	NW 186th St/ Miami Garden Dr & NW 82nd Ave	EBL	Add one left lane						Add one left lane					
		EBT		Add one Thru lane	Yes	10.95%	n/a	n/a		Add one thru lane	Yes	8.59%	Yes	11.02%
		EBR	Add one right lane						Add one right lane					
		WBL	Add one left lane						Add one left lane					
		WBT								Add one thru lane	Yes	7.46%	Yes	14.18%
		WBR	Add one right lane						Add one right lane					
		NBL	Add one left lane						Add one left lane					
		NBR	Add one right lane						Add one right lane					
		SBL	Add one left lane						Add one left lane					
		SBT							Add one thru lane					
3	NW 186th ST/ Miami Garden Dr & NW 79th Ave	EBL	Add one left lane						Add one left lane					
		WBT							Add one thru lane					
		WBR	Add one right lane						Add one right lane					
		SBL	Add one left lane						Add one left lane					
4	NW 186th ST/ Miami Garden Dr & W Oakmont Dr	EBL	Add one left lane						Add one left lane					
		EBR							Add one right lane					
		WBL	Add one left lane						Add one left lane					
		WBT	Add one thru lane						Add one thru lane					
		WBR							Add one right lane					
		NBL	Add two left lanes						Add two left lanes					
		NBT	Add one thru lane						Add one Thru lane					
		SBL	Add two left lanes						Add two left lanes					
5	NW 175th PL & NW 186th ST/ Miami Garden Dr	EBT	Add one thru lane						Add one thru lane					
		WBL	Add one left lane						Add one left lane					
		NBL	Add one left lane						Add one left lane					
6	NW 73th Ave & NW 186th St/ Miami Garden Dr	EBL	Add one left lane						Add one left lane					
		WBL	Add one left lane						Add one left lane					
		WBT							Add one thru lane					
7	NW 186th St / Miami Gardens Dr & NW 68 Ave	EBR							Add one right lane					
		NBL	Add one left lane						Add one left lane					
8	NW 186th St / Miami Garden Dr & Bobolink Dr	WBT	Add one Thru lane						Add one thru lane					
		WBR	Add one right lane						Add one right lane					
9	NW 186th St / Miami Gardens Dr & NW 67th Ave	EBR							Add one right lane					
		WBR							Add one right lane					
		NBR							Add one right lane					
		SBR	Add one right lane						Add one right lane					
10	NW 186th St/ Miami Gardens Dr & NW 62th Ave	EBL	Add one left lane						Add one left lane					
		EBT							Add one thru lane					
		NBL	Add one left lane						Add one left lane					
		SBL	Add one left lane						Add one left lane					
11	NW 186th St / Miami Gardens Dr & 823 St /Red road	EBR	Add one right lane						Add one right lane					
		NBT	Replaced shr thru & add sep right						Replaced shr thru & add sep right					
		NBR												
		SBR	Add one right lane						Add one right lane					
14	N Okeechobee Rd & Ronal Reagan Turnpike Ramp (S)	EBL		Add one Left lane					Add one left lane					
		EBT							Add one thru lane					
		NBT							Add one thru lane					
		NBR							Add one right lane					

Table III-11: Summary of 2020 and 2040 Intersection Mitigation Improvements

Description			Year 2020 Mitigation Results		Year 2020 ADM/Graham Project Improvements				Year 2040 Mitigation Results		Year 2040 ADM/Graham Project Improvements			
ID	Intersection	Movement	Background Mitigation	Total Mitigation w/ Combined Traffic	Imp (ADM)	Fair Share (ADM)	Imp (Graham)	Fair Share (Graham)	Background Mitigation	Total Mitigation w/ Combined Traffic	Imp (ADM)	Fair Share (ADM)	Imp (Graham)	Fair Share (Graham)
15	N Okeechobee Rd & Ronal Reagan Turnpike Ramp (N)	WBT	Add one Thru lane						Add one thru lane					
17	823 St/ Red road & Ronald Reagan Turnpike Ramp (W)	WBR							Add one right lane					
20	N Okeechobee Rd / N Okeechobee Rd & NW 138 St	EBL	Add one left lane						Add one left lane					
		WBL	Add one left lane						Add one left lane					
		NBL	Add one left lane						Add one left lane					
		SBL		Add one left lane					Add one left lane					
23	N Okeechobee Rd & Hisleah Gardens Blvd	NBT	Add one thru lane						Add one thru lane					
		NBR	Add one Right lane						Add one right lane					
		SBT	Add one thru lane						Add one thru lane					
		SBR							Add one right lane					
44	W 68th St & Hialeah Gardens Blvd	EBL	Add one left lane						Add one left lane					
		EBT	Add one Thru lane						Add one thru lane					
		EBR	Add one Right lane						Add one right lane					
		WBL	Add one left lane						Add one left lane					
		WBR	Add one Right lane						Add one right lane					
		NBL	Add one left lane						Add one left lane					
		NBR	Add one Right lane						Add one right lane					
		SBL		Add one left lane					Add one left lane					
50	NW 170th St & NW 87th Ave	EBR							Add one right lane					
		WBL	Add one left lane						Add one left lane					
		SBL	Add one left lane						Add one left lane					
51	130th St & Hialeah Gardens Blvd	EBL	Add one left lane						Add one left lane					
		EBT	Add one Thru lane						Add one thru lane					
		EBR	Add one Right lane						Add one right lane					
		WBL	Add one left lane						Add one left lane					
		NBT	Add one Thru lane						Add one thru lane					
		SBL	Add one left lane						Add one left lane					
52	W 80th St & Hialeah Gardens Blvd	EBL	Add one left lane						Add one left lane					
		WBL	Add one left lane						Add one left lane					
		NBL	Add one left lane						Add one left lane					
		NBT	Add one Thru lane						Add one Thru lane					
		SBL							Add one left lane					
		SBT												
53	W 84th St & Hialeah Gardens Blvd	EBL	Add one left lane						Add one left lane					
		EBT	Add Two Thru lanes						Add two thru lanes					
		EBR	Add one Right lane						Add one right lane					
		WBL	Add one left lane						Add one left lane					
		WBT												
		WBR	Add one Right lane						Add one right lane					
		NBT							Add one thru lane					
		SBL	Add one left lane	Add one left lane					Add one left lane					
54	138th St/ I-75 Ramp(E) & Hialeah Gardens Blvd	EBT	Add Two Thru lanes						Add one thru lane					
		WBT	Add Two Thru lanes						Add one thru lane					
		WBR		Add one Right lane										
		NBL	Add one left lane						Add one left lane					
		SBL							Add one left lane					
		SBT	Add one Thru lane						Add one thru lane					

Legend:

- Project trips are not significant on link
- Improvement required due to Background LOS analysis
- Improvement required due to ADM future LOS analysis
- Improvement required due to Combined (ADM and Graham) future LOS analysis

Transit Improvements:
In addition to addressing roadway capacity needs with this study area roadway improvement plan, the developer of the Graham Project is respective of the need for transit-oriented services. In addition to an adjacent site lot donation for commuter sharing, the Applicant will work with the County and others on increasing the amount of project trips assigned to alternative travel modes. Chapter I presents a section titled "Transit Accommodations" related to both the ADM and the Graham Sites.

ADM and Graham Fair Shares of Transportation Improvements
Fair share for roadway and intersection improvements associated with the two Project Sites are addressed next.

Roadway Segment Fair Share Estimates
The only roadway improvement which is applicable for the ADM and the Graham Sites are the widening associated with the following segments:

- NW 97th Ave between NW 154th St and NW 170th St - 4L by 2040 (Zoning Only)
- NW 97th Ave between NW 170th ST and NW 178th St - 6L by 2020 (Zoning Only)

As noted in **Table III-11**, NW 170th Ave to NW 178th St is one of the Year 2020 Planned Roadway improvements needed to accommodate the ADM and the Graham Sites and thus should instead be planned as a six lane facility. The ADM and Graham Projects will be responsible for implementing the necessary improvements to this segment of NW 97th Ave.

The other improvement is located south of NW 170th and is currently a two lane facility with widening proposed for a four lane facility. The total Combined northbound trips by the Year 2040 Zoning PM Peak Hour Analysis is 933 peak hour peak direction trips, which exceed adopted LOS D peak hour peak direction capacity of 792 trips. ADM contributes 97 and Graham contributes 197 peak hour peak direction northbound trips. Their corresponding fair share estimates are: ADM is 10.4 percent (97/933 Trips) and Graham is 21.1% (197/933 Trips).

Intersection Turning Movement Fair Share Estimates
The intersection improvements are identified by individual approach and are specific to the turning movement needing implementation. The intersection fair share estimates for respectively the ADM and the Graham Sites are included in **Table III-11** along with **Appendix IV-D** (2020) and **Appendix IV-E** (2040).

CHAPTER IV: COMBINED FUTURE TRAFFIC IMPACTS
FOR INFORMATIONAL PURPOSES ONLY*

Build-out LOS on study area roadways was determined for the AM and PM peak hours by comparing future traffic volumes to the associated LOS volume standards and MSV for each facility. At the request of Miami-Dade County and other agencies, this analysis was performed for each direction of travel throughout the study area. Where a volume exceeds the adopted maximum service volume (MSV) for a facility, a build-out LOS deficiency may exist and is identified in the analysis.

The impacts associated with the Combined ADM and Graham Sites are separated into the following analyses:

Year 2020 Concurrency
- Year 2020 PM Concurrency Link Analysis

Year 2020 CDMP
- Year 2020 AM CDMP Link Analysis
- Year 2020 PM CDMP Link Analysis

Year 2020 Zoning
- Year 2020 AM Zoning Link Analysis
- Year 2020 PM Zoning Link Analysis
- Year 2020 AM Zoning Intersection Analyses
- Year 2020 PM Zoning Intersection Analyses

Year 2040 CDMP
- Year 2040 AM CDMP Link Analysis
- Year 2040 PM CDMP Link Analysis

Year 2040 Zoning
- Year 2040 AM Zoning Link Analysis
- Year 2040 PM Zoning Link Analysis
- Year 2040 AM Zoning Intersection Analyses
- Year 2040 PM Zoning Intersection Analyses

This represents seven roadway link traffic impact LOS reviews and four intersection analyses for the Combined ADM/Graham Projects. The approach and the findings are documented for each in the subsequent information prepared for Chapter IV.

1.0 YEAR 2020 PM CONCURRENCY ANALYSIS

As described in the background information found in Chapter I, the Concurrency was developed by adding the MDC RER and other requested vested trips to the Year 2015 traffic count directional PHPs. The process for preparing the Concurrency background trips was demonstrated in **Table I-13**. The background trips previously described serve as the basis for the Combined ADM and Graham Concurrency analysis. The Combined trips were added to the background trips to obtain total trips by the year 2020. The Year 2020 individual ADM and Graham project trips were identified in **Table I-17**.

The total trips were compared to the year 2020 MSVs and LOS operations were established for each link, with detailed derivations provided in **Appendix I-E**. The links were identified as either "Pass" or "Fail" the adopted LOS and if it failed a determination of whether the deficiency was due to backlogged conditions (e.g. background) or the total trips was identified. Those links which fail due to just the total trips and which meet the five percent (5%) of MSV criteria of significance are Project improvements.

Table IV-1 shows the Combined level of service analysis for the Year 2020 PM Concurrency review. A detailed summary of the deficiencies and mitigations are provided in the section titled Mitigation Summary at the end of this Chapter.

2.0 YEAR 2020 AM AND PM CDMP ANALYSES

For the Year 2020 CDMP traffic impact review, the **Table I-17** Year 2020 project trips were consulted for respectively the ADM and the Graham (both project trips).

The total trips were compared to the year 2020 MSVs and LOS operations were established for each link. The links were identified as either "Pass" or "Fail" the adopted LOS and if it failed a determination of whether the deficiency was due to backlogged conditions (e.g. background with Graham trips) or the total trips was identified. Those links which fail due to just the total trips and which meet the five percent (5%) of MSV criteria of significance are Project improvements.

Tables IV-2A and **IV-2B** shows the Combined AM and PM level of service analyses for the Year 2020 CDMP review. A detailed summary of the deficiencies and mitigations are provided in the section titled Mitigation Summary at the end of this Chapter.

Table IV-1: Concurrency Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - Combined ADM/Graham PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS (Incls DOS & Other Vested Trips)				ADM PROJECT TRIPS						GRAHAM PROJECT TRIPS						COMBINED PROJECT TRIPS					TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	3,221	OUT =	2,110	Dir Analysis		IN =	396	OUT =	467	Dir Analysis		Dir Analysis		% Adopt LOS								
										NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	PK Hr NB/EB	PK Hr SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	5,291	B	7,854	D	7.22%	3.84%	3.38%	N	232	152	4.19%	2.27%	1.92%	S	17	20	249	172	2.72%	1.88%		5,540	B	8,026	D	Pass	
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	3,589	B	4,728	B	7.08%	3.70%	3.38%	N	228	149	4.19%	2.27%	1.92%	S	17	20	245	169	2.67%	1.84%		3,834	B	4,897	B	Pass	
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	5,297	B	7,497	C	8.78%	4.42%	4.36%	N	283	185	6.62%	3.55%	3.07%	S	26	31	309	216	3.37%	2.36%		5,606	B	7,714	D	Pass	
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	6,529	C	7,178	C	9.52%	4.89%	4.64%	N	307	201	7.88%	4.36%	3.51%	S	31	37	338	238	3.69%	2.59%		6,867	C	7,416	C	Pass	
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	6,527	C	5,749	C	9.95%	5.10%	4.85%	N	320	210	9.50%	5.41%	4.09%	S	38	44	358	254	3.91%	2.78%		6,885	C	6,003	C	Pass	
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	7,405	C	4,882	B	11.22%	5.84%	5.38%	N	361	237	10.89%	6.11%	4.78%	S	43	51	404	288	4.42%	3.14%		7,810	D	5,169	B	Pass	
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	6,327	C	4,203	B	20.84%	10.80%	10.04%	N	576	535	14.92%	9.18%	5.74%	S	79	50	655	585	7.15%	6.38%	Y	6,982	C	4,788	B	Pass	
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	6,834	C	4,540	B	17.57%	8.89%	8.68%	S	371	566	5.94%	5.94%	0.00%	N	51	0	422	566	4.61%	6.18%	Y	7,256	C	5,106	B	Pass	
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	3,661	B	2,680	B	18.09%	8.32%	9.77%	W	382	583	14.00%	5.94%	8.06%	E	65	55	447	638	6.10%	8.71%	Y	4,108	B	3,318	B	Pass	
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	4,106	B	3,992	B	12.61%	5.91%	6.70%	W	266	406	11.12%	4.85%	6.28%	E	52	44	318	450	4.34%	6.14%	Y	4,424	B	4,442	B	Pass	
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	4,067	B	3,954	B	7.97%	3.49%	4.48%	W	168	257	7.50%	2.92%	4.58%	E	35	30	203	286	2.77%	3.91%		4,270	B	4,240	B	Pass	
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	6,647	D	6,157	D	3.79%	1.86%	1.93%	S	80	122	3.57%	1.75%	1.82%	N	17	14	97	136	1.32%	1.86%		6,744	D	6,293	D	Pass	
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	6,412	F	7,016	F	4.79%	2.36%	2.43%	S	101	154	3.57%	1.75%	1.82%	N	17	14	118	168	2.14%	3.06%		6,530	F	7,185	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	6,648	D	6,586	D	6.33%	3.10%	3.23%	S	134	204	5.19%	2.53%	2.66%	N	24	21	158	224	2.16%	3.07%		6,806	D	6,810	D	Pass	
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	5,103	C	4,344	B	2.64%	1.75%	0.89%	N	85	56	2.31%	1.92%	0.39%	S	9	11	94	66	1.29%	0.91%		5,197	C	4,411	B	Pass	
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	6,877	C	6,547	B	8.03%	4.11%	3.92%	S	169	259	6.88%	3.49%	3.39%	N	32	27	201	286	1.83%	2.60%		7,079	C	6,833	C	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	6,065	B	5,434	B	10.03%	5.11%	4.92%	S	212	323	8.88%	4.49%	4.39%	N	41	35	253	358	2.30%	3.26%		6,318	B	5,792	B	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	4,426	B	4,019	B	12.03%	6.11%	5.92%	S	254	387	10.88%	5.49%	5.39%	N	51	43	305	430	2.77%	3.92%		4,731	B	4,449	B	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	6,707	B	6,193	B	12.03%	6.11%	5.92%	S	254	387	10.88%	5.49%	5.39%	N	51	43	305	430	2.36%	3.34%		7,012	B	6,623	B	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	7,490	B	5,092	B	17.89%	8.44%	9.45%	S	377	576	15.48%	7.32%	8.16%	N	72	61	450	637	3.49%	4.95%		7,940	C	5,730	B	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	6,946	B	5,355	B	26.12%	13.54%	12.58%	S	551	841	21.00%	10.86%	10.14%	N	98	83	649	925	4.13%	5.88%	Y	7,595	B	6,279	B	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	6,839	B	4,618	B	34.14%	20.46%	13.68%	S	1,091	729	35.59%	17.38%	18.21%	N	150	157	1241	886	9.63%	6.88%	Y	8,079	C	5,504	B	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	10,700	10,980	12,160	6,693	B	3,770	B	21.25%	7.83%	13.42%	N	417	715	24.74%	6.53%	18.21%	S	56	157	474	872	4.32%	7.94%	Y	7,167	B	4,642	B	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	6,761	C	3,808	B	17.49%	7.83%	9.66%	N	417	515	19.71%	6.53%	13.18%	S	56	114	474	628	4.32%	5.72%	Y	7,235	C	4,437	B	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	4,085	B	6,665	B	14.60%	7.83%	6.77%	W	417	361	18.02%	11.49%	6.53%	E	99	56	517	417	4.70%	3.80%		4,602	B	7,082	C	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	1,450	B	2,985	B	2.27%	1.09%	1.18%	W	48	73	3.50%	1.78%	1.71%	E	16	14	64	87	1.17%	1.58%		1,514	B	3,072	B	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	2,179	B	2,702	B	1.18%	0.62%	0.56%	W	25	38	2.12%	1.14%	0.98%	E	10	8	35	46	0.63%	0.84%		2,213	B	2,748	B	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	1,502	B	1,946	B	1.07%	0.59%	0.48%	W	23	34	1.94%	1.08%	0.86%	E	9	8	32	42	0.57%	0.76%		1,533	B	1,988	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,719	1,800	1,800	334	C	400	C	0.15%	0.05%	0.10%	N	5	3	0.00%	0.00%	0.00%	S	0	0	5	3	0.27%	0.17%		339	C	403	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	-	NOT 2020 ROADWAY LINK																													
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	-	NOT 2020 ROADWAY LINK																													
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	2,000	0	n/a	0	n/a	13.98%	9.09%	4.89%	N	485	323	34.76%	19.57%	15.18%	S	172	200	658	523	36.53%	29.07%	Y	658	C	523	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	0	n/a	0	n/a	41.93%	27.28%	14.66%	W	1,578	848	34.76%	19.57%	15.18%	E	210	163	1787	1010	49.32%	27.88%	Y	1,787	C	1,010	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	0	n/a	0	n/a	34.20%	19.55%	14.66%	W	1,131	848	34.76%	19.57%	15.18%	E	210	163	1340	1010	36.98%	27.88%	Y	1,340	C	1,010	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	2,785	F	1,214	C	14.08%	6.92%	7.16%	W	369	382	17.37%	8.72%	8.65%	E	75	75	444	457	18.50%	19.02%	Y	3,229	F	1,671	C	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	2,572	F	1,121	C	8.76%	4.29%	4.47%	W	185	282	10.91%	5.37%	5.53%	E	51	43	236	325	9.82%	13.55%	Y	2,807	F	1,446	C	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,438	C	1,709	C	7.06%	3.30%	3.76%	W	149	227	8.10%	3.79%	4.31%	E	38	32	187	259	7.78%	10.81%	Y	1,625	C	1,968	C	Pass	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,438	C	1,709	C	4.28%	2.02%	2.26%	W	90	138	5.12%	2.47%	2.65%	E	24	20	114	158	4.76%	6.59%	Y	1,552	C	1,867	C	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,330	C	1,558	C	2.53%	1.19%	1.33%	W	53	81	2.96%	1.39%	1.57%	E	14	12	67	93	2.80%	3.88%		1,397	C	1,652	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	811	C	913	C	1.35%	0.67%	0.68%	W	28	43	1.55%	0.77%	0.78%	E	7	6	36	50	0.98%	1.37%		847	C	963	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	3,020	0	n/a	0	n/a	38.43%	19.46%	18.96%	E	1,126	1,097	20.49%	8.99%	11.50%	W	96	123	1222	1220	44.96%	44.89%	Y	1,222	C	1,220	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	3,020	0	n/a	0	n/a	38.94%	19.72%	19.22%	W	901	1,352	20.49%	8.99%	11.50%	E	118	102	1019	1453	37.48%	53.46%	Y	1,019	C	1,453	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	459	D	373	D	0.47%	0.26%	0.21%	W	10	15	0.50%	0.28%	0.22%	E	2	2	12	17	1.81%	2.53%		471	D	390	D	Pass	
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	444	D	361	D	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%	0.00%	E	0	0	0	0	0.00%	0.00%		444	D	361	D	Pass	
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	329	C	371	C	2.35%	1.33%	1.03%	W	50	76	3.61%	2.02%	1.59%	E	17	14	66	90	3.69%	5.00%	Y	396	C	461	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,052	C	1,028	C	0.67%	0.26%	0.41%	W	14	22	0.85%	0.33%	0.52%	E	4	3	18	25	1.01%	1.39%		1,070	C	1,054	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	1,035	C	1,237	C	0.43%	0.13%	0.30%	W	9	14	0.57%	0.19%	0.38%	E	3	2	12	16	0.65%	0.89%		1,047	C	1,253	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	653	C	662	C	0.57%	0.30%	0.28%	W	12	18	0.52%	0.30%	0.22%	E	2	2	15	21	0.86%	1.21%		667	C	683	C	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	786	D	653	C	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%	0.00%	E	0	0	0	0	0.00%	0.00%		786	D	653	C	Pass	
878684	NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	1.00	4	E	1,910	2,000	2,000	1,164	C	979	C	2.60%	1.26%	1.34%	E	84	55	0.13%	0.00%	0.13%	W	1	1	84	55	4.21%	2.77%		1,248	C	1,035	C	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	E	2,940	3,020	3,020	1,265	C	1,034	C	2.75%	1.31%	1.44%	E	88	58	0.13%	0.00%	0.13%	W	1	1	89	59	2.95%	1.94%		1,354	C	1,092	C	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	E	2,940	3,020	3,020	1,272	C	1,027	C	1.47%	0.54%	0.93%	W	29	49	1.71%	0.57%	1.14%	E	5	10	34	59	1.12%	1.96%		1,306	C	1,086	C	Pass	
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	1,497	C	1,151	C	0.41%	0.10%	0.32%	N	13	9	0.07%	0.03%	0.03%	S	0	0	14	9	0.45%	0.30%		1,511	C	1,160	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	1,318	C	1,120	C	1.36%	0.64%	0.72%	N	34	38	1.28%	0.57%	0.71%	S	5	6	39	45	1.96%	2.23%		1,357	C	1,164	C	Pass	
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	499	C	429	C	0.22%	0.11%	0.11%	N	6	6	0.77%	0.57%	0.19%	S	5	2	11	8	1.39%	0.96%		510	C	436	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	499	C	428	C	0.18%	0.18%	0.00%	N	10	0	1.56%	1.15%	0.41%	S	10	4	19	4	2.46%	0.45%		519	C	432	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	657	C	526	C	1.76%	1.12%	0.64%	N	60	34	5.36%	3.63%	1.73%	S	31	15	91	49	5.05%	2.73%	Y	748	C	576	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	0	n/a	0	n/a	3.51%	2.00%	1.52%	N	106	81	7.91%	4.91%	3.00%	S	42	26	149	107	18.78%	13.47%	Y	149	C	107	C	Pass	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	2,000	0	n/a	0	n/a	42.39%	21.68%	20.71%	N	1,254	1,198	7.91%	4.91%	3.00%	S	53	32	1307	1230	72.60%	68.32%	Y	1,307	C	1,230	C	Pass	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	2,000	0	n/a	0	n/a	43.01%	21.99%	21.01%	S	1,272	1,216	17.48%	7.49%	10.00%	N	80	107	1352	1323	75.13%	73.48%	Y	1,352	C	1,323	C	Pass	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,682	C	2,019	F	4.93%	2.50%	2.43%	N	159	104	6.12%	2.95%	3.17%	S	24	29	183	133	10.17%	7.36%	Y	1,865	F	2,152	F	Fail	Y
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	236	C	376	C	1.69%	1.00%	0.69%	N	54	36	1.72%	0.96%	0.76%	S	7	8	61	44	3.41%	2.43%		297	C	420	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	2,000	0	n/a	0	n/a	10.20%	5.60%	4.60%	E	354	236	17.48%	7.49%	10.00%	W	87	101	441	337	24.49%	18.70%	Y	441	C	337	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	2,000	0	n/a	0	n/a	15.08%	1.66%	13.42%	W	96	776	13.91%	5.70%	8.21%	E	61	88	157	864	8.73%	48.00%	Y	157	C	864	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	1,344	C	1,865	C	1.61%	0.08%	1.53%	E	52	34	1.16%	0.05%	1.11%	W	5	5	56	39	1.87%	1.30%		1,400	C	1,904	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	2,786	C	3,257	F	2.60%	0.09%	2.51%	E	84	55	1.92%	0.05%	1.87%	W	8	9	91	64	3.02%	2.11%		2,878	C	3,321	F	Fail	Y
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	3,020	2,282	C	1,862	C	4.46%	2.01%	2.45%	W	94	144	3.71%	1.72%	1.99%	E	17	15	111	158	2.76%	3.92%		2,394	C	2,021	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	1,833	C	2,018	C	3.04%	1.64%	1.40%	W	64	98	2.59%	1.40%	1.19%	E	12	10	76	108	2.53%	3.58%		1,909	C	2,127	C	Pass	

Table IV-1: Concurrency Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - Combined ADM/Graham PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS (Incls DOS & Other Vested Trips)				ADM PROJECT TRIPS						GRAHAM PROJECT TRIPS						COMBINED PROJECT TRIPS					TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	3,221	OUT =	2,110	Dir Analysis		IN =	396	OUT =	467	Dir Analysis		Dir Analysis		% Adopt LOS									
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	PK Hr NB/EB	PK Hr SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	657	1,467	1,530	1,141	D	1,066	D	1.13%	0.51%	0.63%	W	24	37	0.28%	-0.24%	0.52%	E	1	1	25	38	1.72%	2.57%		1,167	D	1,104	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	657	1,467	1,530	1,153	D	1,054	D	1.80%	0.80%	0.99%	W	38	58	0.93%	0.32%	0.62%	E	4	4	42	62	2.88%	4.20%		1,195	D	1,116	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	657	1,467	1,530	836	D	787	D	1.13%	0.47%	0.65%	W	24	36	0.45%	0.08%	0.37%	E	2	2	26	38	1.76%	2.59%		862	D	825	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	657	1,467	1,530	618	C	786	D	0.74%	0.32%	0.41%	W	16	24	0.05%	0.00%	0.05%	E	0	0	16	24	1.08%	1.63%		634	C	810	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	747	792	792	1,129	F	1,079	F	1.24%	0.56%	0.68%	E	40	26	0.00%	0.00%	0.00%	W	0	0	40	26	5.05%	3.31%	Y	1,169	F	1,105	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	6,979	C	6,921	C	8.98%	5.27%	3.71%	N	289	189	10.67%	4.77%	5.90%	S	42	50	331	239	3.62%	2.61%		7,310	C	7,160	C	Pass	
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	8,867	D	9,019	D	8.36%	4.22%	4.13%	N	269	176	10.22%	3.67%	6.55%	S	40	48	310	224	3.38%	2.45%		9,177	E	9,243	E	Fail	
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	11,527	E	7,595	C	7.52%	3.68%	3.84%	N	242	159	8.69%	2.81%	5.88%	S	34	41	277	199	2.52%	1.81%		11,803	E	7,794	C	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	2,207	C	2,481	C	3.31%	2.41%	0.90%	E	107	70	2.39%	1.75%	0.64%	W	9	11	116	81	3.85%	2.68%		2,323	C	2,563	C	Pass	
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	1,565	C	1,761	C	1.80%	1.35%	0.45%	E	58	38	1.34%	1.01%	0.33%	W	5	6	63	44	2.10%	1.47%		1,628	C	1,805	C	Pass	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	1,053	C	380	C	0.25%	0.12%	0.13%	E	8	5	0.21%	0.09%	0.11%	W	1	1	9	6	0.58%	0.40%		1,062	C	386	C	Pass	
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	986	C	1,460	C	8.68%	4.19%	4.49%	E	280	183	3.08%	0.47%	2.60%	W	12	14	292	197	9.66%	6.54%	Y	1,278	C	1,657	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	938	C	1,508	C	6.04%	2.92%	3.12%	E	194	127	2.64%	0.32%	2.32%	W	10	12	205	140	6.78%	4.63%	Y	1,143	C	1,648	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	938	C	1,508	C	5.83%	2.83%	3.01%	W	123	188	2.15%	0.07%	2.08%	E	10	9	133	196	4.41%	6.50%	Y	1,071	C	1,705	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	2,053	C	2,109	C	4.63%	2.29%	2.34%	W	98	149	2.22%	0.22%	2.00%	E	10	9	108	158	3.57%	5.22%	Y	2,161	C	2,267	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	2,051	C	1,996	C	3.43%	1.67%	1.76%	W	72	110	1.93%	0.12%	1.81%	E	9	8	81	118	2.69%	3.91%		2,133	C	2,114	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,126	C	1,979	C	5.39%	2.68%	2.70%	W	114	173	4.33%	2.17%	2.16%	E	20	17	134	191	4.43%	6.31%	Y	2,260	C	2,170	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,174	C	2,250	C	4.58%	2.36%	2.21%	W	97	147	3.86%	2.11%	1.75%	E	18	15	115	163	3.79%	5.39%	Y	2,289	C	2,412	C	Pass	
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,174	C	2,250	C	4.13%	2.17%	1.97%	W	87	133	3.55%	1.99%	1.55%	E	17	14	104	147	3.44%	4.87%		2,278	C	2,397	C	Pass	
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,174	C	2,250	C	4.09%	2.14%	1.94%	W	86	132	3.50%	1.97%	1.53%	E	16	14	103	146	3.40%	4.82%		2,277	C	2,395	C	Pass	
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	2,650	C	2,279	C	3.61%	1.89%	1.72%	W	76	116	3.00%	1.69%	1.30%	E	14	12	90	128	2.99%	4.24%		2,740	C	2,407	C	Pass	
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	1,035	C	1,257	C	0.79%	0.31%	0.48%	W	17	25	0.45%	0.22%	0.23%	E	2	2	19	27	0.69%	1.00%		1,054	C	1,285	C	Pass	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,386	C	1,560	C	0.42%	0.18%	0.25%	W	9	14	0.31%	0.16%	0.15%	E	1	1	10	15	0.29%	0.41%		1,397	C	1,574	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	1,806	C	1,677	C	3.41%	1.23%	2.19%	W	72	110	2.45%	0.87%	1.58%	E	11	10	83	120	2.76%	3.96%		1,889	C	1,796	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	1,626	C	1,758	C	2.06%	0.88%	1.18%	W	44	66	0.43%	0.21%	0.22%	E	2	2	46	68	1.51%	2.26%		1,672	C	1,826	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	2,033	C	1,470	C	0.93%	0.44%	0.49%	W	20	30	0.58%	0.30%	0.27%	E	3	2	22	32	0.82%	1.18%		2,055	C	1,502	C	Pass	
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	2,080	C	1,254	C	0.62%	0.36%	0.27%	W	13	20	0.69%	0.44%	0.25%	E	3	3	16	23	0.60%	0.84%		2,096	C	1,277	C	Pass	

Volume from Model
Diverted Trip Route Segment (Net External Trips Applied)
Fails with total trips but Project % of Adopted LOS does not exceed 5%

Table IV-2A: CDMP Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - Combined ADM/Graham AM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS					ADM PROJECT TRIPS		GRAHAM PROJECT TRIPS					GRAHAM PROJECT TRIPS		COMBINED PROJECT TRIPS					TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	558	OUT =	596		Dir Analysis		IN =	389	OUT =	275		Dir Analysis		Dir Analysis		% Adopt LOS							
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	PK Hr NB/EB	PK Hr SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	10,242	F	4,954	B	7.22%	3.84%	3.38%	S	40	43	4.19%	2.27%	1.92%	N	16	12	57	55	0.62%	0.60%		10,299	F	5,009	B	Fail	Y
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	6,046	C	3,609	B	7.08%	3.70%	3.38%	S	40	42	4.19%	2.27%	1.92%	N	16	12	56	54	0.61%	0.59%		6,102	C	3,663	B	Pass	
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	7,579	C	5,828	C	8.78%	4.42%	4.36%	S	49	52	6.62%	3.55%	3.07%	N	26	18	75	71	0.82%	0.77%		7,653	D	5,898	C	Pass	
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	7,273	C	7,891	D	9.52%	4.89%	4.64%	S	53	57	7.88%	4.36%	3.51%	N	31	22	84	78	0.91%	0.86%		7,357	C	7,970	D	Pass	
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	6,019	C	7,634	D	9.95%	5.10%	4.85%	S	56	59	9.50%	5.41%	4.09%	N	37	26	92	85	1.01%	0.93%		6,111	C	7,720	D	Pass	
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	5,122	B	8,266	D	11.22%	5.84%	5.38%	S	63	67	10.89%	6.11%	4.78%	N	42	30	105	97	1.15%	1.06%		5,227	B	8,363	D	Pass	
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	4,342	B	7,287	C	20.84%	10.80%	10.04%	S	125	116	14.92%	9.18%	5.74%	N	61	38	186	154	2.03%	1.68%		4,528	B	7,441	C	Pass	
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	4,694	B	7,877	D	17.57%	8.89%	8.68%	N	105	98	5.94%	5.94%	0.00%	S	39	0	144	98	1.57%	1.07%		4,838	B	7,975	D	Pass	
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	2,671	B	4,046	B	18.09%	8.32%	9.77%	E	108	101	14.00%	5.94%	8.06%	W	39	54	146	155	2.00%	2.12%		2,817	B	4,201	B	Pass	
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	4,602	C	4,641	C	12.61%	5.91%	6.70%	E	75	70	11.12%	4.85%	6.28%	W	31	43	106	114	1.44%	1.55%		4,707	C	4,755	C	Pass	
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	4,557	C	4,597	C	7.97%	3.49%	4.48%	E	48	44	7.50%	2.92%	4.58%	W	21	29	68	74	0.93%	1.00%		4,625	C	4,670	C	Pass	
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	7,514	E	6,188	D	3.79%	1.86%	1.93%	N	23	21	3.57%	1.75%	1.82%	S	10	14	32	35	0.44%	0.48%		7,547	E	6,223	D	Fail	Y
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	7,387	F	7,025	F	4.79%	2.36%	2.43%	N	29	27	3.57%	1.75%	1.82%	S	10	14	38	41	0.70%	0.74%		7,425	F	7,066	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	6,908	D	6,686	D	6.33%	3.10%	3.23%	N	38	35	5.19%	2.53%	2.66%	S	14	20	52	56	0.71%	0.76%		6,960	D	6,741	D	Pass	
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	4,335	B	4,897	C	2.64%	1.75%	0.89%	S	15	16	2.31%	1.92%	0.39%	N	9	6	24	22	0.32%	0.30%		4,359	B	4,919	C	Pass	
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	7,361	C	7,053	C	8.03%	4.11%	3.92%	N	48	45	6.88%	3.49%	3.39%	S	19	27	67	72	0.61%	0.65%		7,428	C	7,125	C	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	7,615	C	3,196	B	10.03%	5.11%	4.92%	N	60	56	8.88%	4.49%	4.39%	S	24	35	84	90	0.77%	0.82%		7,699	C	3,287	B	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	6,073	B	6,939	C	12.03%	6.11%	5.92%	N	72	67	10.88%	5.49%	5.39%	S	30	42	102	109	0.93%	1.00%		6,175	B	7,048	C	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	5,690	B	8,267	C	12.03%	6.11%	5.92%	N	72	67	10.88%	5.49%	5.39%	S	30	42	102	109	0.79%	0.85%		5,791	B	8,377	C	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	6,232	B	6,943	B	17.89%	8.44%	9.45%	N	107	100	15.48%	7.32%	8.16%	S	43	60	149	160	1.16%	1.24%		6,382	B	7,103	B	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	6,153	B	8,957	B	26.12%	13.54%	12.58%	N	156	146	21.00%	10.86%	10.14%	S	58	82	214	227	1.36%	1.45%		6,367	B	9,185	B	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	4,996	B	7,650	B	34.14%	20.46%	13.68%	N	236	158	35.59%	17.38%	18.21%	S	115	121	352	279	2.73%	2.16%		5,348	B	7,929	C	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	10,700	10,980	12,160	3,189	B	6,622	B	21.25%	7.83%	13.42%	S	90	155	24.74%	6.53%	18.21%	N	43	121	134	276	1.22%	2.51%		3,323	B	6,898	B	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	3,189	B	6,622	B	17.49%	7.83%	9.66%	S	90	111	19.71%	6.53%	13.18%	N	43	88	134	199	1.22%	1.81%		3,323	B	6,821	C	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	6,702	B	3,752	B	14.60%	7.83%	6.77%	E	90	78	18.02%	11.49%	6.53%	W	76	43	167	121	1.52%	1.11%		6,869	C	3,873	B	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	2,783	B	1,622	B	2.27%	1.09%	1.18%	E	14	13	3.50%	1.78%	1.71%	W	10	14	23	26	0.42%	0.48%		2,806	B	1,648	B	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	2,182	B	1,559	B	1.18%	0.62%	0.56%	E	7	7	2.12%	1.14%	0.98%	W	6	8	13	15	0.23%	0.27%		2,195	B	1,574	B	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	2,218	B	1,264	B	1.07%	0.59%	0.48%	E	6	6	1.94%	1.08%	0.86%	W	5	8	12	14	0.21%	0.25%		2,230	B	1,278	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,719	1,800	1,800	421	C	351	C	0.15%	0.05%	0.10%	S	1	1	0.00%	0.00%	0.00%	N	0	0	1	1	0.05%	0.05%		421	C	352	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	-	D	NOT 2020 LINK										S																		
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	-	D	NOT 2020 LINK										S																		
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	1,800	234	C	195	C	13.98%	9.09%	4.89%	S	84	91	34.76%	19.57%	15.18%	N	149	104	233	195	12.95%	10.83%	Y	467	C	390	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	234	C	195	C	41.93%	27.28%	14.66%	E	342	184	34.76%	19.57%	15.18%	W	142	111	484	294	13.36%	8.11%	Y	718	C	489	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	1,181	C	986	C	34.20%	19.55%	14.66%	E	245	184	34.76%	19.57%	15.18%	W	142	111	387	294	10.69%	8.11%	Y	1,569	C	1,280	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	803	C	2,679	F	14.08%	6.92%	7.16%	E	80	83	17.37%	8.72%	8.65%	W	58	57	138	140	5.74%	5.84%	Y	941	C	2,819	F	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	803	C	2,679	F	8.76%	4.29%	4.47%	E	52	49	10.91%	5.37%	5.53%	W	30	42	82	91	3.43%	3.80%		885	C	2,770	F	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,450	C	965	C	7.06%	3.30%	3.76%	E	42	39	8.10%	3.79%	4.31%	W	22	32	64	71	2.68%	2.95%		1,515	C	1,036	C	Pass	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,450	C	965	C	4.28%	2.02%	2.26%	E	26	24	5.12%	2.47%	2.65%	W	14	20	40	44	1.65%	1.82%		1,490	C	1,009	C	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,143	C	824	C	2.53%	1.19%	1.33%	E	15	14	2.96%	1.39%	1.57%	W	8	12	23	26	0.97%	1.07%		1,166	C	849	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	788	C	653	C	1.35%	0.67%	0.68%	E	8	8	1.55%	0.77%	0.78%	W	4	6	12	14	0.34%	0.37%		800	C	667	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	2,718	676	C	810	C	38.43%	19.46%	18.96%	W	244	238	20.49%	8.99%	11.50%	E	65	84	309	321	11.38%	11.82%	Y	986	C	1,131	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	2,718	444	C	532	C	38.94%	19.72%	19.22%	E	254	234	20.49%	8.99%	11.50%	W	61	88	315	322	11.59%	11.84%	Y	759	C	854	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	776	F	779	F	0.47%	0.26%	0.21%	E	3	3	0.50%	0.28%	0.22%	W	1	2	4	5	0.62%	0.68%		781	F	783	F	Fail	Y
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	776	F	779	F	0.00%	0.00%	0.00%	E	0	0	0.00%	0.00%	0.00%	W	0	0	0	0	0.00%	0.00%		776	F	779	F	Fail	Y
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	744	C	375	C	2.35%	1.33%	1.03%	E	14	13	3.61%	2.02%	1.59%	W	10	14	24	27	1.33%	1.51%		768	C	402	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,333	C	1,088	C	0.67%	0.26%	0.41%	E	4	4	0.85%	0.33%	0.52%	W	2	3	6	7	0.35%	0.39%		1,339	C	1,095	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	770	C	732	C	0.43%	0.13%	0.30%	E	3	2	0.57%	0.19%	0.38%	W	2	2	4	5	0.23%	0.26%		775	C	736	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	864	D	604	C	0.57%	0.30%	0.28%	E	3	3	0.52%	0.30%	0.22%	W	1	2	5	5	0.29%	0.31%		869	D	609	C	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	970	D	705	C	0.00%	0.00%	0.00%	E	0	0	0.00%	0.00%	0.00%	W	0	0	0	0	0.00%	0.00%		970	D	705	C	Pass	
878684	NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	1.00	4	E	1,910	2,000	2,000	590	C	808	C	2.60%	1.26%	1.34%	W	14	15	0.13%	0.00%	0.13%	E	1	0	15	16	0.75%	0.79%		605	C	824	C	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	E	2,940	3,020	3,020	705	C	1,152	C	2.75%	1.31%	1.44%	W	15	16	0.13%	0.00%	0.13%	E	1	0	16	17	0.52%	0.55%		721	C	1,169	C	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	E	2,940	3,020	3,020	705	C	1,152	C	1.47%	0.54%	0.93%	E	6	11	1.71%	0.57%	1.14%	W	4	8	10	18	0.33%	0.61%		715	C	1,170	C	Pass	
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	920	C	1,235	C	0.41%	0.10%	0.32%	S	2	2	0.07%	0.03%	0.03%	N	0	0	3	3	0.09%	0.09%		923	C	1,238	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	752	C	1,010	C	1.36%	0.64%	0.72%	S	7	8	1.28%	0.57%	0.71%	N	4	5	11	13	0.56%	0.65%		763	C	1,023	C	Pass	
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	402	C	245	C	0.22%	0.11%	0.11%	S	1	1	0.77%	0.57%	0.19%	N	4	1	5	3	0.65%	0.32%		407	C	247	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	402	C	245	C	0.18%	0.18%	0.00%	S	2	0	1.56%	1.15%	0.41%	N	8	3	10	3	1.22%	0.35%		411	C	248	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	402	C	245	C	1.76%	1.12%	0.64%	S	13	7	5.36%	3.63%	1.73%	N	24	11	37	19	2.06%	1.05%		439	C	264	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	402	C	245	C	3.51%	2.00%	1.52%	S	23	17	7.91%	4.91%	3.00%	N	33	20	56	37	7.03%	4.72%	Y	457	C	282	C	Pass	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	1,800	629	C	525	C	42.39%	21.68%	20.71%	S	272	259	7.91%	4.91%	3.00%	N	36	22	307	281	17.07%	15.62%	Y	936	C	806	C	Pass	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	1,800	612	C	511	C	43.01%	21.99%	21.01%	N	275	263	17.48%	7.49%	10.00%	S	55	73	330	336	18.33%	18.66%	Y	942	C	847	C	Pass	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,377	C	1,083	C	4.93%	2.50%	2.43%	S	28	29	6.12%	2.95%	3.17%	N	24	17	51	46	2.85%	2.57%		1,428	C	1,130	C	Pass	
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	614	C	305	C	1.69%	1.00%	0.69%	S	9	10	1.72%	0.96%	0.76%	N	7	5	16	15	0.90%	0.82%		631	C	320	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	1,800	430	C	359	C	10.20%	5.60%	4.60%	W	61	66	17.48%	7.49%	10.00%	E	75	52	136	119	7.57%	6.60%	Y	566	C	477	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	1,800	297	C	248	C	15.08%	1.66%	13.42%	E	21	168	13.91%	5.70%	8.21%	W	41	60	62	228	3.46%	12.66%	Y	360	C	476	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	1,739	C	1,217	C	1.61%	0.08%	1.53%	W	9	10	1.16%	0.05%	1.11%	E	5	3	13	13	0.45%	0.42%		1,753	C	1,230	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	2,828	C	1,957	C	2.60%	0.09%	2.51%	W	14	15	1.92%	0.05%	1.87%	E	7	5	22	21	0.73%	0.69%		2,850	C	1,978	C	Pass	
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	4,040	2,272	C	1,882	C	4.46%	2.01%	2.45%	E	27	25	3.71%	1.72%	1.99%	W	10	14	37	39	0.91%	0.97%		2,308	C	1,921	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	2,186	C	2,006	C	3.04%	1.64%	1.40%	E	18	17	2.59%	1.40%	1.19%	W	7	10	25	27	0.84%	0.90%		2,211	C	2,033	C	Pass	

Table IV-2A: CDMP Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - Combined ADM/Graham AM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS				ADM PROJECT TRIPS		GRAHAM PROJECT TRIPS				GRAHAM PROJECT TRIPS		COMBINED PROJECT TRIPS					TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	558	OUT =	596	Dir Analysis		IN =	389	OUT =	275	Dir Analysis		Dir Analysis		% Adopt LOS							
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	PK Hr NB/EB	PK Hr SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	657	1,467	1,530	964	D	921	D	1.13%	0.51%	0.63%	E	7	6	0.28%	-0.24%	0.52%	W	1	1	8	7	0.51%	0.51%		971	D	929	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	657	1,467	1,530	964	D	921	D	1.80%	0.80%	0.99%	E	11	10	0.93%	0.32%	0.62%	W	3	4	13	14	0.91%	0.93%		977	D	935	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	657	1,467	1,530	966	D	810	D	1.13%	0.47%	0.65%	E	7	6	0.45%	0.08%	0.37%	W	1	2	8	8	0.54%	0.55%		974	D	818	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	657	1,467	1,530	491	C	759	D	0.74%	0.32%	0.41%	E	4	4	0.05%	0.00%	0.05%	W	0	0	5	4	0.31%	0.29%		496	C	764	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	747	792	792	1,170	F	1,119	F	1.24%	0.56%	0.68%	W	7	7	0.00%	0.00%	0.00%	E	0	0	7	7	0.87%	0.93%		1,177	F	1,126	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	7,343	C	6,038	C	8.98%	5.27%	3.71%	S	50	54	10.67%	4.77%	5.90%	N	41	29	92	83	1.00%	0.90%		7,435	C	6,121	C	Pass	
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	7,782	D	9,513	E	8.36%	4.22%	4.13%	S	47	50	10.22%	3.67%	6.55%	N	40	28	86	78	0.94%	0.85%		7,868	D	9,591	E	Fail	Y
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	9,282	D	11,199	E	7.52%	3.68%	3.84%	S	42	45	8.69%	2.81%	5.88%	N	34	24	76	69	0.69%	0.63%		9,358	D	11,268	E	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	3,168	F	1,868	C	3.31%	2.41%	0.90%	W	18	20	2.39%	1.75%	0.64%	E	9	7	28	26	0.92%	0.87%		3,195	F	1,894	C	Fail	Y
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	2,088	C	1,643	C	1.80%	1.35%	0.45%	W	10	11	1.34%	1.01%	0.33%	E	5	4	15	14	0.51%	0.48%		2,103	C	1,658	C	Pass	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	294	C	1,488	C	0.25%	0.12%	0.13%	W	1	1	0.21%	0.09%	0.11%	E	1	1	2	2	0.14%	0.13%		296	C	1,490	C	Pass	
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	1,311	C	1,011	C	8.68%	4.19%	4.49%	W	48	52	3.08%	0.47%	2.60%	E	12	8	60	60	2.00%	1.99%		1,371	C	1,071	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	1,311	C	1,011	C	6.04%	2.92%	3.12%	W	34	36	2.64%	0.32%	2.32%	E	10	7	44	43	1.46%	1.43%		1,355	C	1,054	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	1,311	C	1,011	C	5.83%	2.83%	3.01%	E	35	33	2.15%	0.07%	2.08%	W	6	8	41	41	1.35%	1.35%		1,351	C	1,052	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	1,612	C	1,690	C	4.63%	2.29%	2.34%	E	28	26	2.22%	0.22%	2.00%	W	6	9	34	34	1.12%	1.14%		1,646	C	1,725	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	1,612	C	1,690	C	3.43%	1.67%	1.76%	E	20	19	1.93%	0.12%	1.81%	W	5	8	26	27	0.85%	0.88%		1,638	C	1,717	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,250	C	1,701	C	5.39%	2.68%	2.70%	E	32	30	4.33%	2.17%	2.16%	W	12	17	44	47	1.46%	1.55%		2,294	C	1,748	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,167	C	1,854	C	4.58%	2.36%	2.21%	E	27	26	3.86%	2.11%	1.75%	W	11	15	38	41	1.25%	1.34%		2,205	C	1,894	C	Pass	
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,167	C	1,854	C	4.13%	2.17%	1.97%	E	25	23	3.55%	1.99%	1.55%	W	10	14	34	37	1.14%	1.22%		2,201	C	1,891	C	Pass	
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,167	C	1,854	C	4.09%	2.14%	1.94%	E	24	23	3.50%	1.97%	1.53%	W	10	14	34	36	1.13%	1.21%		2,201	C	1,890	C	Pass	
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	2,342	C	3,359	F	3.61%	1.89%	1.72%	E	22	20	3.00%	1.69%	1.30%	W	8	12	30	32	0.99%	1.05%		2,372	C	3,391	F	Fail	Y
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	1,828	C	1,507	C	0.79%	0.31%	0.48%	E	5	4	0.45%	0.22%	0.23%	W	1	2	6	6	0.22%	0.23%		1,834	C	1,513	C	Pass	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,311	C	1,256	C	0.42%	0.18%	0.25%	E	3	2	0.31%	0.16%	0.15%	W	1	1	3	4	0.09%	0.10%		1,314	C	1,260	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	1,642	C	1,479	C	3.41%	1.23%	2.19%	E	20	19	2.45%	0.87%	1.58%	W	7	10	27	29	0.90%	0.95%		1,669	C	1,508	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	1,916	C	2,146	C	2.06%	0.88%	1.18%	E	12	12	0.43%	0.21%	0.22%	W	1	2	13	13	0.45%	0.44%		1,930	C	2,159	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	1,451	C	2,368	C	0.93%	0.44%	0.49%	E	6	5	0.58%	0.30%	0.27%	W	2	2	7	7	0.26%	0.27%		1,458	C	2,376	C	Pass	
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	1,444	C	2,036	C	0.62%	0.36%	0.27%	E	4	3	0.69%	0.44%	0.25%	W	2	3	6	6	0.21%	0.23%		1,449	C	2,042	C	Pass	

Volume from Model

Diverted Trip Route Segment (Net External Trips Applied)

Fails with total trips but Project % of Adopted LOS does not exceed 5%

Table IV-2B: CDMP Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - Combined ADM/Graham PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS						GRAHAM PROJECT TRIPS						COMBINED PROJECT TRIPS					TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	3,221	OUT =	2,110	Dir Analysis		IN =	396	OUT =	467	Dir Analysis		Dir Analysis		% Adopt LOS		Study Area Link?						
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	PK Hr NB/EB	PK Hr SB/WB	NB/EB	SB/WB		NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	5,957	C	8,843	D	7.22%	3.84%	3.38%	N	232	152	4.19%	2.27%	1.92%	S	17	20	249	172	2.72%	1.88%		6,206	C	9,015	D	Pass	
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	4,161	B	5,481	B	7.08%	3.70%	3.38%	N	228	149	4.19%	2.27%	1.92%	S	17	20	245	169	2.67%	1.84%		4,406	B	5,650	C	Pass	
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	6,140	C	8,692	D	8.78%	4.42%	4.36%	N	283	185	6.62%	3.55%	3.07%	S	26	31	309	216	3.37%	2.36%		6,449	C	8,908	D	Pass	
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	7,568	C	8,321	D	9.52%	4.89%	4.64%	N	307	201	7.88%	4.36%	3.51%	S	31	37	338	238	3.69%	2.59%		7,906	D	8,559	D	Pass	
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	7,567	C	6,665	C	9.95%	5.10%	4.85%	N	320	210	9.50%	5.41%	4.09%	S	38	44	358	254	3.91%	2.78%		7,925	D	6,919	C	Pass	
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	8,510	D	5,610	B	11.22%	5.84%	5.38%	N	361	237	10.89%	6.11%	4.78%	S	43	51	404	288	4.42%	3.14%		8,914	D	5,897	C	Pass	
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	7,262	C	4,825	B	20.84%	10.80%	10.04%	N	576	535	14.92%	9.18%	5.74%	S	79	50	655	585	7.15%	6.38%	Y	7,917	D	5,410	B	Pass	
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	7,850	D	5,215	B	17.57%	8.89%	8.68%	S	371	566	5.94%	5.94%	0.00%	N	51	0	422	566	4.61%	6.18%	Y	8,272	D	5,781	C	Pass	
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	4,244	B	3,107	B	18.09%	8.32%	9.77%	W	382	583	14.00%	5.94%	8.06%	E	65	55	447	638	6.10%	8.71%	Y	4,691	C	3,745	B	Pass	
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	4,760	C	4,628	C	12.61%	5.91%	6.70%	W	266	406	11.12%	4.85%	6.28%	E	52	44	318	450	4.34%	6.14%	Y	5,078	C	5,078	C	Pass	
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	4,714	C	4,583	C	7.97%	3.49%	4.48%	W	168	257	7.50%	2.92%	4.58%	E	35	30	203	286	2.77%	3.91%		4,918	C	4,870	C	Pass	
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	6,986	D	6,471	D	3.79%	1.86%	1.93%	S	80	122	3.57%	1.75%	1.82%	N	17	14	97	136	1.32%	1.86%		7,083	D	6,607	D	Pass	
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	6,739	F	7,374	F	4.79%	2.36%	2.43%	S	101	154	3.57%	1.75%	1.82%	N	17	14	118	168	2.14%	3.06%		6,857	F	7,543	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	6,987	D	6,921	D	6.33%	3.10%	3.23%	S	134	204	5.19%	2.53%	2.66%	N	24	21	158	224	2.16%	3.07%		7,145	D	7,146	D	Pass	
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	5,752	C	4,897	C	2.64%	1.75%	0.89%	N	85	56	2.31%	1.92%	0.39%	S	9	11	94	66	1.29%	0.91%		5,846	C	4,964	C	Pass	
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	7,781	C	7,407	C	8.03%	4.11%	3.92%	S	169	259	6.88%	3.49%	3.39%	N	32	27	201	286	1.83%	2.60%		7,983	C	7,693	C	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	6,862	C	6,148	B	10.03%	5.11%	4.92%	S	212	323	8.88%	4.49%	4.39%	N	41	35	253	358	2.30%	3.26%		7,115	C	6,506	B	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	5,008	B	4,547	B	12.03%	6.11%	5.92%	S	254	387	10.88%	5.49%	5.39%	N	51	43	305	430	2.77%	3.92%		5,312	B	4,977	B	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	7,050	B	6,509	B	12.03%	6.11%	5.92%	S	254	387	10.88%	5.49%	5.39%	N	51	43	305	430	2.36%	3.34%		7,354	B	6,939	B	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	7,872	B	5,352	B	17.89%	8.44%	9.45%	S	377	576	15.48%	7.32%	8.16%	N	72	61	450	637	3.49%	4.95%		8,322	C	5,989	B	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	7,457	B	5,748	B	26.12%	13.54%	12.58%	S	551	841	21.00%	10.86%	10.14%	N	98	83	649	925	4.13%	5.88%	Y	8,106	B	6,673	B	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	6,978	B	4,701	B	34.14%	20.46%	13.68%	S	1,091	729	35.59%	17.38%	18.21%	N	150	157	1241	886	9.63%	6.88%	Y	8,218	C	5,587	B	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	10,700	10,980	12,160	6,775	B	3,817	B	21.25%	7.83%	13.42%	N	417	715	24.74%	6.53%	18.21%	S	56	157	474	872	4.32%	7.94%	Y	7,249	B	4,689	B	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	6,775	C	3,817	B	17.49%	7.83%	9.66%	N	417	515	19.71%	6.53%	13.18%	S	56	114	474	628	4.32%	5.72%	Y	7,249	C	4,445	B	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	3,859	B	6,721	B	14.60%	7.83%	6.77%	W	417	361	18.02%	11.49%	6.53%	E	99	56	517	417	4.70%	3.80%		4,376	B	7,138	C	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	1,437	B	2,985	B	2.27%	1.09%	1.18%	W	48	73	3.50%	1.78%	1.71%	E	16	14	64	87	1.17%	1.58%		1,501	B	3,072	B	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	2,452	B	3,041	B	1.18%	0.62%	0.56%	W	25	38	2.12%	1.14%	0.98%	E	10	8	35	46	0.63%	0.84%		2,487	B	3,088	B	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	1,578	B	2,045	B	1.07%	0.59%	0.48%	W	23	34	1.94%	1.08%	0.86%	E	9	8	32	42	0.57%	0.76%		1,610	B	2,087	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,719	1,800	1,800	351	C	421	C	0.15%	0.05%	0.10%	N	5	3	0.00%	0.00%	0.00%	S	0	0	5	3	0.27%	0.17%		356	C	424	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	-	D	NOT 2020LINK																													
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	-	D	NOT 2020 LINK																													
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	1,800	195	C	234	C	13.98%	9.09%	4.89%	N	485	323	34.76%	19.57%	15.18%	S	172	200	658	523	36.53%	29.07%	Y	852	C	757	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	195	C	234	C	41.93%	27.28%	14.66%	W	1,578	848	34.76%	19.57%	15.18%	E	210	163	1787	1010	49.32%	27.88%	Y	1,982	C	1,244	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	986	C	1,181	C	34.20%	19.55%	14.66%	W	1,131	848	34.76%	19.57%	15.18%	E	210	163	1340	1010	36.98%	27.88%	Y	2,326	C	2,192	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	2,551	F	1,112	C	14.08%	6.92%	7.16%	W	369	382	17.37%	8.72%	8.65%	E	75	75	444	457	18.50%	19.02%	Y	2,995	F	1,569	C	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	2,551	F	1,112	C	8.76%	4.29%	4.47%	W	185	282	10.91%	5.37%	5.53%	E	51	43	236	325	9.82%	13.55%	Y	2,787	F	1,437	C	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,450	C	1,724	C	7.06%	3.30%	3.76%	W	149	227	8.10%	3.79%	4.31%	E	38	32	187	259	7.78%	10.81%	Y	1,637	C	1,984	C	Pass	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,450	C	1,724	C	4.28%	2.02%	2.26%	W	90	138	5.12%	2.47%	2.65%	E	24	20	114	158	4.76%	6.59%	Y	1,565	C	1,882	C	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,282	C	1,502	C	2.53%	1.19%	1.33%	W	53	81	2.96%	1.39%	1.57%	E	14	12	67	93	2.80%	3.88%		1,349	C	1,595	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	845	C	952	C	1.35%	0.67%	0.68%	W	28	43	1.55%	0.77%	0.78%	E	7	6	36	50	0.98%	1.37%		881	C	1,002	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	2,718	810	C	676	C	38.43%	19.46%	18.96%	E	1,126	1,097	20.49%	8.99%	11.50%	W	96	123	1222	1220	44.96%	44.89%	Y	2,032	C	1,896	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	2,718	532	C	444	C	38.94%	19.72%	19.22%	W	901	1,352	20.49%	8.99%	11.50%	E	118	102	1019	1453	37.48%	53.46%	Y	1,551	C	1,897	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	466	D	379	D	0.47%	0.26%	0.21%	W	10	15	0.50%	0.28%	0.22%	E	2	2	12	17	1.81%	2.53%		479	D	396	D	Pass	
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	466	D	379	D	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%	0.00%	E	0	0	0	0	0.00%	0.00%		466	D	379	D	Pass	
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	374	C	421	C	2.35%	1.33%	1.03%	W	50	76	3.61%	2.02%	1.59%	E	17	14	66	90	3.69%	5.00%	Y	440	C	511	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,035	C	1,012	C	0.67%	0.26%	0.41%	W	14	22	0.85%	0.33%	0.52%	E	4	3	18	25	1.01%	1.39%		1,053	C	1,037	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	1,051	C	1,255	C	0.43%	0.13%	0.30%	W	9	14	0.57%	0.19%	0.38%	E	3	2	12	16	0.65%	0.89%		1,062	C	1,271	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	685	C	694	C	0.57%	0.30%	0.28%	W	12	18	0.52%	0.30%	0.22%	E	2	2	15	21	0.86%	1.21%		700	C	714	C	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	894	D	742	D	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%	0.00%	E	0	0	0	0	0.00%	0.00%		894	D	742	D	Pass	
878684	NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	1.00	4	E	1,910	2,000	2,000	875	C	740	C	2.60%	1.26%	1.34%	E	84	55	0.13%	0.00%	0.13%	W	1	1	84	55	4.21%	2.77%		960	C	796	C	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	E	2,940	3,020	3,020	1,031	C	832	C	2.75%	1.31%	1.44%	E	88	58	0.13%	0.00%	0.13%	W	1	1	89	59	2.95%	1.94%		1,120	C	890	C	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	E	2,940	3,020	3,020	1,031	C	832	C	1.47%	0.54%	0.93%	W	29	49	1.71%	0.57%	1.14%	E	5	10	34	59	1.12%	1.96%		1,064	C	891	C	Pass	
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	1,554	C	1,187	C	0.41%	0.10%	0.32%	N	13	9	0.07%	0.03%	0.03%	S	0	0	14	9	0.45%	0.30%		1,568	C	1,196	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	1,092	C	944	C	1.36%	0.64%	0.72%	N	34	38	1.28%	0.57%	0.71%	S	5	6	39	45	1.96%	2.23%		1,131	C	988	C	Pass	
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	430	C	369	C	0.22%	0.11%	0.11%	N	6	6	0.77%	0.57%	0.19%	S	5	2	11	8	1.39%	0.96%		441	C	376	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	430	C	369	C	0.18%	0.18%	0.00%	N	10	0	1.56%	1.15%	0.41%	S	10	4	19	4	2.46%	0.45%		449	C	372	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	430	C	369	C	1.76%	1.12%	0.64%	N	60	34	5.36%	3.63%	1.73%	S	31	15	91	49	5.05%	2.73%	Y	521	C	418	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	430	C	369	C	3.51%	2.00%	1.52%	N	106	81	7.91%	4.91%	3.00%	S	42	26	149	107	18.78%	13.47%	Y	579	C	476	C	Pass	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	1,800	525	C	629	C	42.39%	21.68%	20.71%	N	1,254	1,198	7.91%	4.91%	3.00%	S	53	32	1307	1230	72.60%	68.32%	Y	1,832	F	1,859	F	Fail	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	1,800	511	C	612	C	43.01%	21.99%	21.01%	S	1,272	1,216	17.48%	7.49%	10.00%	N	80	107	1352	1323	75.13%	73.48%	Y	1,864	F	1,935	F	Fail	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,521	C	1,826	F	4.93%	2.50%	2.43%	N	159	104	6.12%	2.95%	3.17%	S	24	29	183	133	10.17%	7.36%	Y	1,704	C	1,959	F	Fail	Y
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	199	C	318	C	1.69%	1.00%	0.69%	N	54	36	1.72%	0.96%	0.76%	S	7	8	61	44	3.41%	2.43%		260	C	362	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	1,800	359	C	430	C	10.20%	5.60%	4.60%	E	354	236	17.48%	7.49%	10.00%	W	87	101	441	337	24.49%	18.70%	Y	799	C	766	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	1,800	248	C	297	C	15.08%	1.66%	13.42%	W	96	776	13.91%	5.70%	8.21%	E	61	88	157	864	8.73%	48.00%	Y	405	C	1,161	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	1,503	C	2,086	C	1.61%	0.08%	1.53%	E	52	34	1.16%	0.05%	1.11%	W	5	5	56	39	1.87%	1.30%		1,559	C	2,125	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	2,928	C	3,423	F	2.60%	0.09%	2.51%	E	84	55	1.92%	0.05%	1.87%	W	8	9	91	64	3.02%	2.11%		3,020	D	3,487	F	Fail	Y
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	4,040	2,399	C	1,957	C	4.46%	2.01%	2.45%	W	94	144	3.71%	1.72%	1.99%	E	17	15	111	158	2.76%	3.92%		2,510	C	2,116	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	2,082	C	2,293	C	3.04%	1.64%	1.40%	W	64	98	2.59%	1.40%	1.19%	E	12	10	76	108	2.53%	3.58%		2,159	C	2,401	C	Pass	

Table IV-2B: CDMP Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - Combined ADM/Graham PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS						GRAHAM PROJECT TRIPS						COMBINED PROJECT TRIPS					TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	3,221	OUT =	2,110	Dir Analysis		IN =	396	OUT =	467	Dir Analysis		Dir Analysis		% Adopt LOS		Study Area Link?						
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	PK Hr NB/EB	PK Hr SB/WB	NB/EB	SB/WB		NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	657	1,467	1,530	1,075	D	983	D	1.13%	0.51%	0.63%	W	24	37	0.28%	-0.24%	0.52%	E	1	1	25	38	1.72%	2.57%		1,100	D	1,021	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	657	1,467	1,530	1,075	D	983	D	1.80%	0.80%	0.99%	W	38	58	0.93%	0.32%	0.62%	E	4	4	42	62	2.88%	4.20%		1,117	D	1,044	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	657	1,467	1,530	880	D	828	D	1.13%	0.47%	0.65%	W	24	36	0.45%	0.08%	0.37%	E	2	2	26	38	1.76%	2.59%		906	D	866	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	657	1,467	1,530	515	C	699	D	0.74%	0.32%	0.41%	W	16	24	0.05%	0.00%	0.05%	E	0	0	16	24	1.08%	1.63%		531	C	723	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	747	792	792	1,305	F	1,194	F	1.24%	0.56%	0.68%	E	40	26	0.00%	0.00%	0.00%	W	0	0	40	26	5.05%	3.31%	Y	1,345	F	1,220	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	7,739	D	7,688	D	8.98%	5.27%	3.71%	N	289	189	10.67%	4.77%	5.90%	S	42	50	331	239	3.62%	2.61%		8,071	D	7,927	D	Pass	
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	9,188	E	9,348	E	8.36%	4.22%	4.13%	N	269	176	10.22%	3.67%	6.55%	S	40	48	310	224	3.38%	2.45%		9,497	E	9,572	E	Fail	Y
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	13,041	F	8,593	C	7.52%	3.68%	3.84%	N	242	159	8.69%	2.81%	5.88%	S	34	41	277	199	2.52%	1.81%		13,318	F	8,793	C	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	2,320	C	2,608	C	3.31%	2.41%	0.90%	E	107	70	2.39%	1.75%	0.64%	W	9	11	116	81	3.85%	2.68%		2,436	C	2,689	C	Pass	
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	1,730	C	1,946	C	1.80%	1.35%	0.45%	E	58	38	1.34%	1.01%	0.33%	W	5	6	63	44	2.10%	1.47%		1,794	C	1,991	C	Pass	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	1,107	C	399	C	0.25%	0.12%	0.13%	E	8	5	0.21%	0.09%	0.11%	W	1	1	9	6	0.58%	0.40%		1,116	C	405	C	Pass	
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	930	C	1,495	C	8.68%	4.19%	4.49%	E	280	183	3.08%	0.47%	2.60%	W	12	14	292	197	9.66%	6.54%	Y	1,221	C	1,693	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	930	C	1,495	C	6.04%	2.92%	3.12%	E	194	127	2.64%	0.32%	2.32%	W	10	12	205	140	6.78%	4.63%	Y	1,134	C	1,635	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	930	C	1,495	C	5.83%	2.83%	3.01%	W	123	188	2.15%	0.07%	2.08%	E	10	9	133	196	4.41%	6.50%	Y	1,063	C	1,692	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	1,832	C	1,781	C	4.63%	2.29%	2.34%	W	98	149	2.22%	0.22%	2.00%	E	10	9	108	158	3.57%	5.22%	Y	1,940	C	1,939	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	1,832	C	1,781	C	3.43%	1.67%	1.76%	W	72	110	1.93%	0.12%	1.81%	E	9	8	81	118	2.69%	3.91%		1,913	C	1,899	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,235	C	2,080	C	5.39%	2.68%	2.70%	W	114	173	4.33%	2.17%	2.16%	E	20	17	134	191	4.43%	6.31%	Y	2,368	C	2,271	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,285	C	2,364	C	4.58%	2.36%	2.21%	W	97	147	3.86%	2.11%	1.75%	E	18	15	115	163	3.79%	5.39%	Y	2,399	C	2,527	C	Pass	
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,285	C	2,364	C	4.13%	2.17%	1.97%	W	87	133	3.55%	1.99%	1.55%	E	17	14	104	147	3.44%	4.87%		2,389	C	2,511	C	Pass	
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,285	C	2,364	C	4.09%	2.14%	1.94%	W	86	132	3.50%	1.97%	1.53%	E	16	14	103	146	3.40%	4.82%		2,387	C	2,510	C	Pass	
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	3,382	F	2,908	C	3.61%	1.89%	1.72%	W	76	116	3.00%	1.69%	1.30%	E	14	12	90	128	2.99%	4.24%		3,472	F	3,036	F	Fail	Y
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	1,321	C	1,605	C	0.79%	0.31%	0.48%	W	17	25	0.45%	0.22%	0.23%	E	2	2	19	27	0.69%	1.00%		1,340	C	1,632	C	Pass	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,457	C	1,639	C	0.42%	0.18%	0.25%	W	9	14	0.31%	0.16%	0.15%	E	1	1	10	15	0.29%	0.41%		1,468	C	1,654	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	1,898	C	1,762	C	3.41%	1.23%	2.19%	W	72	110	2.45%	0.87%	1.58%	E	11	10	83	120	2.76%	3.96%		1,981	C	1,882	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	1,794	C	1,939	C	2.06%	0.88%	1.18%	W	44	66	0.43%	0.21%	0.22%	E	2	2	46	68	1.51%	2.26%		1,839	C	2,007	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	2,136	C	1,545	C	0.93%	0.44%	0.49%	W	20	30	0.58%	0.30%	0.27%	E	3	2	22	32	0.82%	1.18%		2,158	C	1,577	C	Pass	
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	2,186	C	1,318	C	0.62%	0.36%	0.27%	W	13	20	0.69%	0.44%	0.25%	E	3	3	16	23	0.60%	0.84%		2,202	C	1,341	C	Pass	

Volume from Model
Diverted Trip Route Segment (Net External Trips Applied)
Fails with total trips but Project % of Adopted LOS does not exceed 5%

3.0 YEAR 2020 AM AND PM ZONING ANALYSES

Both roadway link and intersection AM and PM analyses are required for the Year 2020 Zoning review. Each set of analyses are detailed here.

3.1 Year 2020 Zoning Roadway Link LOS

The process for preparing the Zoning background trips was demonstrated in **Table I-13**. The background trips are applied for the Combined Zoning AM and PM analyses. In addition to these background trips, the ADM plus Graham project trips were added to obtain total trips by the year 2020. The resulting Year 2020 Combined project trips were identified in **Table I-17**.

The total trips were compared to the year 2020 MSVs and LOS operations were established for each link. The links were identified as either "Pass" or "Fail" the adopted LOS and if it failed a determination of whether the deficiency was due to backlogged conditions (e.g. background with Graham trips) or the total trips was identified. Those links which fail due to just the total trips and which meet the five percent (5%) of MSV criteria of significance are Project improvements.

Tables IV-3A and IV-3B shows the Combined level of service analyses for the Year 2020 AM and PM Zoning review. A detailed summary of the deficiencies and mitigations are provided in the section titled Mitigation Summary at the end of this Chapter.

3.2 Year 2020 Zoning Intersection LOS

The development of the Year 2020 Zoning TMVs are referenced in **Appendix I-K** and includes the before mentioned incorporation of percent project distributions, for each the ADM and the Graham (both project trips), and the balancing of trips to ensure that inbound and outbound approach volumes were reasonable.

Once again, the background TMVs were analyzed using the Synchro software. **Table IV-4** shows the resulting Total with Combined LOS operational findings for the Year 2020 Zoning AM and PM analyses and include the results of the implementing lane configuration mitigations to address congestion at needed intersections (see **Appendix IV-D** and **Appendix IV-E** for descriptions on the mitigation needs and responsibilities). The background LOS Synchro analyses printouts are provided in **Appendix I-P**. The LOS Synchro Combined ADM/Graham Project Trip analysis HCM 2010 printouts are provided in **Appendix IV-B** for year 2020. A detailed summary of the deficiencies and mitigations are provided in the section titled Mitigation Summary at the end of this Chapter.

Table IV-3A: Zoning Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - Combined ADM/Graham AM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS						GRAHAM PROJECT TRIPS						COMBINED PROJECT TRIPS					TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	558	OUT =	596	Dir Analysis		IN =	389	OUT =	275	Dir Analysis		Dir Analysis		% Adopt LOS								
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	PK Hr NB/EB	PK Hr SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	10,242	F	4,954	B	7.22%	3.84%	3.38%	S	40	43	4.19%	2.27%	1.92%	N	16	12	57	55	0.62%	0.60%		10,299	F	5,009	B	Fail	Y
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	6,046	C	3,609	B	7.08%	3.70%	3.38%	S	40	42	4.19%	2.27%	1.92%	N	16	12	56	54	0.61%	0.59%		6,102	C	3,663	B	Pass	
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	7,579	C	5,828	C	8.78%	4.42%	4.36%	S	49	52	6.62%	3.55%	3.07%	N	26	18	75	71	0.82%	0.77%		7,653	D	5,898	C	Pass	
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	7,273	C	7,891	D	9.52%	4.89%	4.64%	S	53	57	7.88%	4.36%	3.51%	N	31	22	84	78	0.91%	0.86%		7,357	C	7,970	D	Pass	
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	6,019	C	7,634	D	9.95%	5.10%	4.85%	S	56	59	9.50%	5.41%	4.09%	N	37	26	92	85	1.01%	0.93%		6,111	C	7,720	D	Pass	
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	5,122	B	8,266	D	11.22%	5.84%	5.38%	S	63	67	10.89%	6.11%	4.78%	N	42	30	105	97	1.15%	1.06%		5,227	B	8,363	D	Pass	
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	4,342	B	7,287	C	20.84%	10.80%	10.04%	S	125	116	14.92%	9.18%	5.74%	N	61	38	186	154	2.03%	1.68%		4,528	B	7,441	C	Pass	
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	4,694	B	7,877	D	17.57%	8.89%	8.68%	N	105	98	5.94%	5.94%	0.00%	S	39	0	144	98	1.57%	1.07%		4,838	B	7,975	D	Pass	
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	2,671	B	4,046	B	18.09%	8.32%	9.77%	E	108	101	14.00%	5.94%	8.06%	W	39	54	146	155	2.00%	2.12%		2,817	B	4,201	B	Pass	
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	4,602	C	4,641	C	12.61%	5.91%	6.70%	E	75	70	11.12%	4.85%	6.28%	W	31	43	106	114	1.44%	1.55%		4,707	C	4,755	C	Pass	
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	4,557	C	4,597	C	7.97%	3.49%	4.48%	E	48	44	7.50%	2.92%	4.58%	W	21	29	68	74	0.93%	1.00%		4,625	C	4,670	C	Pass	
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	7,514	E	6,188	D	3.79%	1.86%	1.93%	N	23	21	3.57%	1.75%	1.82%	S	10	14	32	35	0.44%	0.48%		7,547	E	6,223	D	Fail	Y
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	7,387	F	7,025	F	4.79%	2.36%	2.43%	N	29	27	3.57%	1.75%	1.82%	S	10	14	38	41	0.70%	0.74%		7,425	F	7,066	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	6,908	D	6,686	D	6.33%	3.10%	3.23%	N	38	35	5.19%	2.53%	2.66%	S	14	20	52	56	0.71%	0.76%		6,960	D	6,741	D	Pass	
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	4,335	B	4,897	C	2.64%	1.75%	0.89%	S	15	16	2.31%	1.92%	0.39%	N	9	6	24	22	0.32%	0.30%		4,359	B	4,919	C	Pass	
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	7,361	C	7,053	C	8.03%	4.11%	3.92%	N	48	45	6.88%	3.49%	3.39%	S	19	27	67	72	0.61%	0.65%		7,428	C	7,125	C	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	7,615	C	3,196	B	10.03%	5.11%	4.92%	N	60	56	8.88%	4.49%	4.39%	S	24	35	84	90	0.77%	0.82%		7,699	C	3,287	B	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	6,073	B	6,939	C	12.03%	6.11%	5.92%	N	72	67	10.88%	5.49%	5.39%	S	30	42	102	109	0.93%	1.00%		6,175	B	7,048	C	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	5,690	B	8,267	C	12.03%	6.11%	5.92%	N	72	67	10.88%	5.49%	5.39%	S	30	42	102	109	0.79%	0.85%		5,791	B	8,377	C	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	6,232	B	6,943	B	17.89%	8.44%	9.45%	N	107	100	15.48%	7.32%	8.16%	S	43	60	149	160	1.16%	1.24%		6,382	B	7,103	B	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	6,153	B	8,957	B	26.12%	13.54%	12.58%	N	156	146	21.00%	10.86%	10.14%	S	58	82	214	227	1.36%	1.45%		6,367	B	9,185	B	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	4,996	B	7,650	B	34.14%	20.46%	13.68%	N	236	158	35.59%	17.38%	18.21%	S	115	121	352	279	2.73%	2.16%		5,348	B	7,929	C	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	10,700	10,980	12,160	3,189	B	6,622	B	21.25%	7.83%	13.42%	S	90	155	24.74%	6.53%	18.21%	N	43	121	134	276	1.22%	2.51%		3,323	B	6,898	B	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	3,189	B	6,622	B	17.49%	7.83%	9.66%	S	90	111	19.71%	6.53%	13.18%	N	43	88	134	199	1.22%	1.81%		3,323	B	6,821	C	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	6,702	B	3,752	B	14.60%	7.83%	6.77%	E	90	78	18.02%	11.49%	6.53%	W	76	43	167	121	1.52%	1.11%		6,869	C	3,873	B	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	2,783	B	1,622	B	2.27%	1.09%	1.18%	E	14	13	3.50%	1.78%	1.71%	W	10	14	23	26	0.42%	0.48%		2,806	B	1,648	B	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	2,182	B	1,559	B	1.18%	0.62%	0.56%	E	7	7	2.12%	1.14%	0.98%	W	6	8	13	15	0.23%	0.27%		2,195	B	1,574	B	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	2,218	B	1,264	B	1.07%	0.59%	0.48%	E	6	6	1.94%	1.08%	0.86%	W	5	8	12	14	0.21%	0.25%		2,230	B	1,278	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,719	1,800	1,800	421	C	351	C	0.15%	0.05%	0.10%	S	1	1	0.00%	0.00%	0.00%	N	0	0	1	1	0.05%	0.05%		421	C	352	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	-	D	NOT 2020 LINK																												
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	-	D	NOT 2020 LINK																												
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	1,800	234	C	195	C	13.98%	9.09%	4.89%	S	84	91	34.76%	19.57%	15.18%	N	149	104	233	195	12.95%	10.83%	Y	467	C	390	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	234	C	195	C	41.93%	27.28%	14.66%	E	342	184	34.76%	19.57%	15.18%	W	142	111	484	294	13.36%	8.11%	Y	718	C	489	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	1,181	C	986	C	34.20%	19.55%	14.66%	E	245	184	34.76%	19.57%	15.18%	W	142	111	387	294	10.69%	8.11%	Y	1,569	C	1,280	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	803	C	2,679	F	14.08%	6.92%	7.16%	E	80	83	17.37%	8.72%	8.65%	W	58	57	138	140	5.74%	5.84%	Y	941	C	2,819	F	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	803	C	2,679	F	8.76%	4.29%	4.47%	E	52	49	10.91%	5.37%	5.53%	W	30	42	82	91	3.43%	3.80%		885	C	2,770	F	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,450	C	965	C	7.06%	3.30%	3.76%	E	42	39	8.10%	3.79%	4.31%	W	22	32	64	71	2.68%	2.95%		1,515	C	1,036	C	Pass	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,450	C	965	C	4.28%	2.02%	2.26%	E	26	24	5.12%	2.47%	2.65%	W	14	20	40	44	1.65%	1.82%		1,490	C	1,009	C	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,143	C	824	C	2.53%	1.19%	1.33%	E	15	14	2.96%	1.39%	1.57%	W	8	12	23	26	0.97%	1.07%		1,166	C	849	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	788	C	653	C	1.35%	0.67%	0.68%	E	8	8	1.55%	0.77%	0.78%	W	4	6	12	14	0.34%	0.37%		800	C	667	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	2,718	676	C	810	C	38.43%	19.46%	18.96%	W	244	238	20.49%	8.99%	11.50%	E	65	84	309	321	11.38%	11.82%	Y	986	C	1,131	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	2,718	444	C	532	C	38.94%	19.72%	19.22%	E	254	234	20.49%	8.99%	11.50%	W	61	88	315	322	11.59%	11.84%	Y	759	C	854	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	776	F	779	F	0.47%	0.26%	0.21%	E	3	3	0.50%	0.28%	0.22%	W	1	2	4	5	0.62%	0.68%		781	F	783	F	Fail	Y
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	776	F	779	F	0.00%	0.00%	0.00%	E	0	0	0.00%	0.00%	0.00%	W	0	0	0	0	0.00%	0.00%		776	F	779	F	Fail	Y
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	744	C	375	C	2.35%	1.33%	1.03%	E	14	13	3.61%	2.02%	1.59%	W	10	14	24	27	1.33%	1.51%		768	C	402	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,333	C	1,088	C	0.67%	0.26%	0.41%	E	4	4	0.85%	0.33%	0.52%	W	2	3	6	7	0.35%	0.39%		1,339	C	1,095	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	770	C	732	C	0.43%	0.13%	0.30%	E	3	2	0.57%	0.19%	0.38%	W	2	2	4	5	0.23%	0.26%		775	C	736	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	864	D	604	C	0.57%	0.30%	0.28%	E	3	3	0.52%	0.30%	0.22%	W	1	2	5	5	0.29%	0.31%		869	D	609	C	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	970	D	705	C	0.00%	0.00%	0.00%	E	0	0	0.00%	0.00%	0.00%	W	0	0	0	0	0.00%	0.00%		970	D	705	C	Pass	
878684	NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	1.00	4	E	1,910	2,000	2,000	590	C	808	C	2.60%	1.26%	1.34%	W	14	15	0.13%	0.00%	0.13%	E	1	0	15	16	0.75%	0.79%		605	C	824	C	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	E	2,940	3,020	3,020	705	C	1,152	C	2.75%	1.31%	1.44%	W	15	16	0.13%	0.00%	0.13%	E	1	0	16	17	0.52%	0.55%		721	C	1,169	C	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	E	2,940	3,020	3,020	705	C	1,152	C	1.47%	0.54%	0.93%	E	6	11	1.71%	0.57%	1.14%	W	4	8	10	18	0.33%	0.61%		715	C	1,170	C	Pass	
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	920	C	1,235	C	0.41%	0.10%	0.32%	S	2	2	0.07%	0.03%	0.03%	N	0	0	3	3	0.09%	0.09%		923	C	1,238	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	752	C	1,010	C	1.36%	0.64%	0.72%	S	7	8	1.28%	0.57%	0.71%	N	4	5	11	13	0.56%	0.65%		763	C	1,023	C	Pass	
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	402	C	245	C	0.22%	0.11%	0.11%	S	1	1	0.77%	0.57%	0.19%	N	4	1	5	3	0.65%	0.32%		407	C	247	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	402	C	245	C	0.18%	0.18%	0.00%	S	2	0	1.56%	1.15%	0.41%	N	8	3	10	3	1.22%	0.35%		411	C	248	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	402	C	245	C	1.76%	1.12%	0.64%	S	13	7	5.36%	3.63%	1.73%	N	24	11	37	19	2.06%	1.05%		439	C	264	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	402	C	245	C	3.51%	2.00%	1.52%	S	23	17	7.91%	4.91%	3.00%	N	33	20	56	37	7.03%	4.72%	Y	457	C	282	C	Pass	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	1,800	629	C	525	C	42.39%	21.68%	20.71%	S	272	259	7.91%	4.91%	3.00%	N	36	22	307	281	17.07%	15.62%	Y	936	C	806	C	Pass	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	1,800	612	C	511	C	43.01%	21.99%	21.01%	N	275	263	17.48%	7.49%	10.00%	S	55	73	330	336	18.33%	18.66%	Y	942	C	847	C	Pass	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,377	C	1,083	C	4.93%	2.50%	2.43%	S	28	29	6.12%	2.95%	3.17%	N	24	17	51	46	2.85%	2.57%		1,428	C	1,130	C	Pass	
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	614	C	305	C	1.69%	1.00%	0.69%	S	9	10	1.72%	0.96%	0.76%	N	7	5	16	15	0.90%	0.82%		631	C	320	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	1,800	430	C	359	C	10.20%	5.60%	4.60%	W	61	66	17.48%	7.49%	10.00%	E	75	52	136	119	7.57%	6.60%	Y	566	C	477	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	1,800	297	C	248	C	15.08%	1.66%	13.42%	E	21	168	13.91%	5.70%	8.21%	W	41	60	62	228	3.46%	12.66%	Y	360	C	476	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	1,739	C	1,217	C	1.61%	0.08%	1.53%	W	9	10	1.16%	0.05%	1.11%	E	5	3	13	13	0.45%	0.42%		1,753	C	1,230	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	2,828	C	1,957	C	2.60%	0.09%	2.51%	W	14	15	1.92%	0.05%	1.87%	E	7	5	22	21	0.73%	0.69%		2,850	C	1,978	C	Pass	
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	4,040	2,272	C	1,882	C	4.46%	2.01%	2.45%	E	27	25	3.71%	1.72%	1.99%	W	10	14	37	39	0.91%	0.97%		2,308	C	1,921	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	2,186	C	2,006	C	3.04%	1.64%	1.40%	E	18	17	2.59%	1.40%	1.19%	W	7	10	25	27	0.84%	0.90%		2,211	C	2,033	C	Pass	

Table IV-3A: Zoning Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - Combined ADM/Graham AM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS								GRAHAM PROJECT TRIPS						COMBINED PROJECT TRIPS					TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	558	OUT =	596	Dir Analysis				IN =	389	OUT =	275	Dir Analysis		Dir Analysis		% Adopt LOS							
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB			Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	PK Hr NB/EB	PK Hr SB/WB	NB/EB	SB/WB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	657	1,467	1,530	964	D	921	D	1.13%	0.51%	0.63%	E	7	6			0.28%	-0.24%	0.52%	W	1	1	8	7	0.51%	0.51%		971	D	929	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	657	1,467	1,530	964	D	921	D	1.80%	0.80%	0.99%	E	11	10			0.93%	0.32%	0.62%	W	3	4	13	14	0.91%	0.93%		977	D	935	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	657	1,467	1,530	966	D	810	D	1.13%	0.47%	0.65%	E	7	6			0.45%	0.08%	0.37%	W	1	2	8	8	0.54%	0.55%		974	D	818	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	657	1,467	1,530	491	C	759	D	0.74%	0.32%	0.41%	E	4	4			0.05%	0.00%	0.05%	W	0	0	5	4	0.31%	0.29%		496	C	764	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	747	792	792	1,170	F	1,119	F	1.24%	0.56%	0.68%	W	7	7			0.00%	0.00%	0.00%	E	0	0	7	7	0.87%	0.93%		1,177	F	1,126	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	7,343	C	6,038	C	8.98%	5.27%	3.71%	S	50	54			10.67%	4.77%	5.90%	N	41	29	92	83	1.00%	0.90%		7,435	C	6,121	C	Pass	
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	7,782	D	9,513	E	8.36%	4.22%	4.13%	S	47	50			10.22%	3.67%	6.55%	N	40	28	86	78	0.94%	0.85%		7,868	D	9,591	E	Fail	Y
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	9,282	D	11,199	E	7.52%	3.68%	3.84%	S	42	45			8.69%	2.81%	5.88%	N	34	24	76	69	0.69%	0.63%		9,358	D	11,268	E	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	3,168	F	1,868	C	3.31%	2.41%	0.90%	W	18	20			2.39%	1.75%	0.64%	E	9	7	28	26	0.92%	0.87%		3,195	F	1,894	C	Fail	Y
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	2,088	C	1,643	C	1.80%	1.35%	0.45%	W	10	11			1.34%	1.01%	0.33%	E	5	4	15	14	0.51%	0.48%		2,103	C	1,658	C	Pass	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	294	C	1,488	C	0.25%	0.12%	0.13%	W	1	1			0.21%	0.09%	0.11%	E	1	1	2	2	0.14%	0.13%		296	C	1,490	C	Pass	
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	1,311	C	1,011	C	8.68%	4.19%	4.49%	W	48	52			3.08%	0.47%	2.60%	E	12	8	60	60	2.00%	1.99%		1,371	C	1,071	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	1,311	C	1,011	C	6.04%	2.92%	3.12%	W	34	36			2.64%	0.32%	2.32%	E	10	7	44	43	1.46%	1.43%		1,355	C	1,054	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	1,311	C	1,011	C	5.83%	2.83%	3.01%	E	35	33			2.15%	0.07%	2.08%	W	6	8	41	41	1.35%	1.35%		1,351	C	1,052	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	1,612	C	1,690	C	4.63%	2.29%	2.34%	E	28	26			2.22%	0.22%	2.00%	W	6	9	34	34	1.12%	1.14%		1,646	C	1,725	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	1,612	C	1,690	C	3.43%	1.67%	1.76%	E	20	19			1.93%	0.12%	1.81%	W	5	8	26	27	0.85%	0.88%		1,638	C	1,717	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,250	C	1,701	C	5.39%	2.68%	2.70%	E	32	30			4.33%	2.17%	2.16%	W	12	17	44	47	1.46%	1.55%		2,294	C	1,748	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,167	C	1,854	C	4.58%	2.36%	2.21%	E	27	26			3.86%	2.11%	1.75%	W	11	15	38	41	1.25%	1.34%		2,205	C	1,894	C	Pass	
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,167	C	1,854	C	4.13%	2.17%	1.97%	E	25	23			3.55%	1.99%	1.55%	W	10	14	34	37	1.14%	1.22%		2,201	C	1,891	C	Pass	
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,167	C	1,854	C	4.09%	2.14%	1.94%	E	24	23			3.50%	1.97%	1.53%	W	10	14	34	36	1.13%	1.21%		2,201	C	1,890	C	Pass	
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	2,342	C	3,359	F	3.61%	1.89%	1.72%	E	22	20			3.00%	1.69%	1.30%	W	8	12	30	32	0.99%	1.05%		2,372	C	3,391	F	Fail	Y
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	1,828	C	1,507	C	0.79%	0.31%	0.48%	E	5	4			0.45%	0.22%	0.23%	W	1	2	6	6	0.22%	0.23%		1,834	C	1,513	C	Pass	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,311	C	1,256	C	0.42%	0.18%	0.25%	E	3	2			0.31%	0.16%	0.15%	W	1	1	3	4	0.09%	0.10%		1,314	C	1,260	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	1,642	C	1,479	C	3.41%	1.23%	2.19%	E	20	19			2.45%	0.87%	1.58%	W	7	10	27	29	0.90%	0.95%		1,669	C	1,508	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	1,916	C	2,146	C	2.06%	0.88%	1.18%	E	12	12			0.43%	0.21%	0.22%	W	1	2	13	13	0.45%	0.44%		1,930	C	2,159	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	1,451	C	2,368	C	0.93%	0.44%	0.49%	E	6	5			0.58%	0.30%	0.27%	W	2	2	7	7	0.26%	0.27%		1,458	C	2,376	C	Pass	
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	1,444	C	2,036	C	0.62%	0.36%	0.27%	E	4	3			0.69%	0.44%	0.25%	W	2	3	6	6	0.21%	0.23%		1,449	C	2,042	C	Pass	

Volume from Model
Diverted Trip Route Segment (Net External Trips Applied)
Fails with total trips but Project % of Adopted LOS does not exceed 5%

Table IV-3B: Zoning Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - Combined ADM/Graham PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS						GRAHAM PROJECT TRIPS						COMBINED PROJECT TRIPS					TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	3,221	OUT =	2,110	Dir Analysis		IN =	396	OUT =	467	Dir Analysis		Dir Analysis		% Adopt LOS		Study Area Link?						
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	PK Hr NB/EB	PK Hr SB/WB	NB/EB	SB/WB		NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	5,957	C	8,843	D	7.22%	3.84%	3.38%	N	232	152	4.19%	2.27%	1.92%	S	17	20	249	172	2.72%	1.88%		6,206	C	9,015	D	Pass	
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	4,161	B	5,481	B	7.08%	3.70%	3.38%	N	228	149	4.19%	2.27%	1.92%	S	17	20	245	169	2.67%	1.84%		4,406	B	5,650	C	Pass	
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	6,140	C	8,692	D	8.78%	4.42%	4.36%	N	283	185	6.62%	3.55%	3.07%	S	26	31	309	216	3.37%	2.36%		6,449	C	8,908	D	Pass	
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	7,568	C	8,321	D	9.52%	4.89%	4.64%	N	307	201	7.88%	4.36%	3.51%	S	31	37	338	238	3.69%	2.59%		7,906	D	8,559	D	Pass	
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	7,567	C	6,665	C	9.95%	5.10%	4.85%	N	320	210	9.50%	5.41%	4.09%	S	38	44	358	254	3.91%	2.78%		7,925	D	6,919	C	Pass	
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	8,510	D	5,610	B	11.22%	5.84%	5.38%	N	361	237	10.89%	6.11%	4.78%	S	43	51	404	288	4.42%	3.14%		8,914	D	5,897	C	Pass	
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	7,262	C	4,825	B	20.84%	10.80%	10.04%	N	576	535	14.92%	9.18%	5.74%	S	79	50	655	585	7.15%	6.38%	Y	7,917	D	5,410	B	Pass	
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	7,850	D	5,215	B	17.57%	8.89%	8.68%	S	371	566	5.94%	5.94%	0.00%	N	51	0	422	566	4.61%	6.18%	Y	8,272	D	5,781	C	Pass	
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	4,244	B	3,107	B	18.09%	8.32%	9.77%	W	382	583	14.00%	5.94%	8.06%	E	65	55	447	638	6.10%	8.71%	Y	4,691	C	3,745	B	Pass	
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	4,760	C	4,628	C	12.61%	5.91%	6.70%	W	266	406	11.12%	4.85%	6.28%	E	52	44	318	450	4.34%	6.14%	Y	5,078	C	5,078	C	Pass	
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	4,714	C	4,583	C	7.97%	3.49%	4.48%	W	168	257	7.50%	2.92%	4.58%	E	35	30	203	286	2.77%	3.91%		4,918	C	4,870	C	Pass	
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	6,986	D	6,471	D	3.79%	1.86%	1.93%	S	80	122	3.57%	1.75%	1.82%	N	17	14	97	136	1.32%	1.86%		7,083	D	6,607	D	Pass	
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	6,739	F	7,374	F	4.79%	2.36%	2.43%	S	101	154	3.57%	1.75%	1.82%	N	17	14	118	168	2.14%	3.06%		6,857	F	7,543	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	6,987	D	6,921	D	6.33%	3.10%	3.23%	S	134	204	5.19%	2.53%	2.66%	N	24	21	158	224	2.16%	3.07%		7,145	D	7,146	D	Pass	
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	5,752	C	4,897	C	2.64%	1.75%	0.89%	N	85	56	2.31%	1.92%	0.39%	S	9	11	94	66	1.29%	0.91%		5,846	C	4,964	C	Pass	
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	7,781	C	7,407	C	8.03%	4.11%	3.92%	S	169	259	6.88%	3.49%	3.39%	N	32	27	201	286	1.83%	2.60%		7,983	C	7,693	C	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	6,862	C	6,148	B	10.03%	5.11%	4.92%	S	212	323	8.88%	4.49%	4.39%	N	41	35	253	358	2.30%	3.26%		7,115	C	6,506	B	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	5,008	B	4,547	B	12.03%	6.11%	5.92%	S	254	387	10.88%	5.49%	5.39%	N	51	43	305	430	2.77%	3.92%		5,312	B	4,977	B	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	7,050	B	6,509	B	12.03%	6.11%	5.92%	S	254	387	10.88%	5.49%	5.39%	N	51	43	305	430	2.36%	3.34%		7,354	B	6,939	B	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	7,872	B	5,352	B	17.89%	8.44%	9.45%	S	377	576	15.48%	7.32%	8.16%	N	72	61	450	637	3.49%	4.95%		8,322	C	5,989	B	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	7,457	B	5,748	B	26.12%	13.54%	12.58%	S	551	841	21.00%	10.86%	10.14%	N	98	83	649	925	4.13%	5.88%	Y	8,106	B	6,673	B	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	6,978	B	4,701	B	34.14%	20.46%	13.68%	S	1,091	729	35.59%	17.38%	18.21%	N	150	157	1241	886	9.63%	6.88%	Y	8,218	C	5,587	B	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	10,700	10,980	12,160	6,775	B	3,817	B	21.25%	7.83%	13.42%	N	417	715	24.74%	6.53%	18.21%	S	56	157	474	872	4.32%	7.94%	Y	7,249	B	4,689	B	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	6,775	C	3,817	B	17.49%	7.83%	9.66%	N	417	515	19.71%	6.53%	13.18%	S	56	114	474	628	4.32%	5.72%	Y	7,249	C	4,445	B	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	3,859	B	6,721	B	14.60%	7.83%	6.77%	W	417	361	18.02%	11.49%	6.53%	E	99	56	517	417	4.70%	3.80%		4,376	B	7,138	C	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	1,437	B	2,985	B	2.27%	1.09%	1.18%	W	48	73	3.50%	1.78%	1.71%	E	16	14	64	87	1.17%	1.58%		1,501	B	3,072	B	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	2,452	B	3,041	B	1.18%	0.62%	0.56%	W	25	38	2.12%	1.14%	0.98%	E	10	8	35	46	0.63%	0.84%		2,487	B	3,088	B	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	1,578	B	2,045	B	1.07%	0.59%	0.48%	W	23	34	1.94%	1.08%	0.86%	E	9	8	32	42	0.57%	0.76%		1,610	B	2,087	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,719	1,800	1,800	351	C	421	C	0.15%	0.05%	0.10%	N	5	3	0.00%	0.00%	0.00%	S	0	0	5	3	0.27%	0.17%		356	C	424	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	-	D	OT 2020 ROADWAY LIN																												
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	-	D	OT 2020 ROADWAY LIN																												
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	1,800	195	C	234	C	13.98%	9.09%	4.89%	N	485	323	34.76%	19.57%	15.18%	S	172	200	658	523	36.53%	29.07%	Y	852	C	757	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	195	C	234	C	41.93%	27.28%	14.66%	W	1,578	848	34.76%	19.57%	15.18%	E	210	163	1787	1010	49.32%	27.88%	Y	1,982	C	1,244	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	986	C	1,181	C	34.20%	19.55%	14.66%	W	1,131	848	34.76%	19.57%	15.18%	E	210	163	1340	1010	36.98%	27.88%	Y	2,326	C	2,192	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	2,551	F	1,112	C	14.08%	6.92%	7.16%	W	369	382	17.37%	8.72%	8.65%	E	75	75	444	457	18.50%	19.02%	Y	2,995	F	1,569	C	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	2,551	F	1,112	C	8.76%	4.29%	4.47%	W	185	282	10.91%	5.37%	5.53%	E	51	43	236	325	9.82%	13.55%	Y	2,787	F	1,437	C	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,450	C	1,724	C	7.06%	3.30%	3.76%	W	149	227	8.10%	3.79%	4.31%	E	38	32	187	259	7.78%	10.81%	Y	1,637	C	1,984	C	Pass	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,450	C	1,724	C	4.28%	2.02%	2.26%	W	90	138	5.12%	2.47%	2.65%	E	24	20	114	158	4.76%	6.59%	Y	1,565	C	1,882	C	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,282	C	1,502	C	2.53%	1.19%	1.33%	W	53	81	2.96%	1.39%	1.57%	E	14	12	67	93	2.80%	3.88%		1,349	C	1,595	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	845	C	952	C	1.35%	0.67%	0.68%	W	28	43	1.55%	0.77%	0.78%	E	7	6	36	50	0.98%	1.37%		881	C	1,002	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	2,718	810	C	676	C	38.43%	19.46%	18.96%	E	1,126	1,097	20.49%	8.99%	11.50%	W	96	123	1222	1220	44.96%	44.89%	Y	2,032	C	1,896	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	2,718	532	C	444	C	38.94%	19.72%	19.22%	W	901	1,352	20.49%	8.99%	11.50%	E	118	102	1019	1453	37.48%	53.46%	Y	1,551	C	1,897	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	466	D	379	D	0.47%	0.26%	0.21%	W	10	15	0.50%	0.28%	0.22%	E	2	2	12	17	1.81%	2.53%		479	D	396	D	Pass	
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	466	D	379	D	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%	0.00%	E	0	0	0	0	0.00%	0.00%		466	D	379	D	Pass	
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	374	C	421	C	2.35%	1.33%	1.03%	W	50	76	3.61%	2.02%	1.59%	E	17	14	66	90	3.69%	5.00%	Y	440	C	511	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,035	C	1,012	C	0.67%	0.26%	0.41%	W	14	22	0.85%	0.33%	0.52%	E	4	3	18	25	1.01%	1.39%		1,053	C	1,037	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	1,051	C	1,255	C	0.43%	0.13%	0.30%	W	9	14	0.57%	0.19%	0.38%	E	3	2	12	16	0.65%	0.89%		1,062	C	1,271	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	685	C	694	C	0.57%	0.30%	0.28%	W	12	18	0.52%	0.30%	0.22%	E	2	2	15	21	0.86%	1.21%		700	C	714	C	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	894	D	742	D	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%	0.00%	E	0	0	0	0	0.00%	0.00%		894	D	742	D	Pass	
878684	NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	1.00	4	E	1,910	2,000	2,000	875	C	740	C	2.60%	1.26%	1.34%	E	84	55	0.13%	0.00%	0.13%	W	1	1	84	55	4.21%	2.77%		960	C	796	C	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	E	2,940	3,020	3,020	1,031	C	832	C	2.75%	1.31%	1.44%	E	88	58	0.13%	0.00%	0.13%	W	1	1	89	59	2.95%	1.94%		1,120	C	890	C	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	E	2,940	3,020	3,020	1,031	C	832	C	1.47%	0.54%	0.93%	W	29	49	1.71%	0.57%	1.14%	E	5	10	34	59	1.12%	1.96%		1,064	C	891	C	Pass	
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	1,554	C	1,187	C	0.41%	0.10%	0.32%	N	13	9	0.07%	0.03%	0.03%	S	0	0	14	9	0.45%	0.30%		1,568	C	1,196	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	1,092	C	944	C	1.36%	0.64%	0.72%	N	34	38	1.28%	0.57%	0.71%	S	5	6	39	45	1.96%	2.23%		1,131	C	988	C	Pass	
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	430	C	369	C	0.22%	0.11%	0.11%	N	6	6	0.77%	0.57%	0.19%	S	5	2	11	8	1.39%	0.96%		441	C	376	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	430	C	369	C	0.18%	0.18%	0.00%	N	10	0	1.56%	1.15%	0.41%	S	10	4	19	4	2.46%	0.45%		449	C	372	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	430	C	369	C	1.76%	1.12%	0.64%	N	60	34	5.36%	3.63%	1.73%	S	31	15	91	49	5.05%	2.73%	Y	521	C	418	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	430	C	369	C	3.51%	2.00%	1.52%	N	106	81	7.91%	4.91%	3.00%	S	42	26	149	107	18.78%	13.47%	Y	579	C	476	C	Pass	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	1,800	525	C	629	C	42.39%	21.68%	20.71%	N	1,254	1,198	7.91%	4.91%	3.00%	S	53	32	1307	1230	72.60%	68.32%	Y	1,832	F	1,859	F	Fail	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	1,800	511	C	612	C	43.01%	21.99%	21.01%	S	1,272	1,216	17.48%	7.49%	10.00%	N	80	107	1352	1323	75.13%	73.48%	Y	1,864	F	1,935	F	Fail	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,521	C	1,826	F	4.93%	2.50%	2.43%	N	159	104	6.12%	2.95%	3.17%	S	24	29	183	133	10.17%	7.36%	Y	1,704	C	1,959	F	Fail	Y
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	199	C	318	C	1.69%	1.00%	0.69%	N	54	36	1.72%	0.96%	0.76%	S	7	8	61	44	3.41%	2.43%		260	C	362	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	1,800	359	C	430	C	10.20%	5.60%	4.60%	E	354	236	17.48%	7.49%	10.00%	W	87	101	441	337	24.49%	18.70%	Y	799	C	766	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	1,800	248	C	297	C	15.08%	1.66%	13.42%	W	96	776	13.91%	5.70%	8.21%	E	61	88	157	864	8.73%	48.00%	Y	405	C	1,161	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	1,503	C	2,086	C	1.61%	0.08%	1.53%	E	52	34	1.16%	0.05%	1.11%	W	5	5	56	39	1.87%	1.30%		1,559	C	2,125	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	2,928	C	3,423	F	2.60%	0.09%	2.51%	E	84	55	1.92%	0.05%	1.87%	W	8	9	91	64	3.02%	2.11%		3,020	D	3,487	F	Fail	Y
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	4,040	2,399	C	1,957	C	4.46%	2.01%	2.45%	W	94	144	3.71%	1.72%	1.99%	E	17	15	111	158	2.76%	3.92%		2,510	C	2,116	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	2,082	C	2,293	C	3.04%	1.64%	1.40%	W	64	98	2.59%	1.40%	1.19%	E	12	10	76	108	2.53%	3.58%		2,159	C	2,401	C	Pass	

Table IV-3B: Zoning Short Term (Year 2020) Study Area Roadway Segment LOS Analysis - Combined ADM/Graham PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS						GRAHAM PROJECT TRIPS						COMBINED PROJECT TRIPS					TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	3,221	OUT =	2,110	Dir Analysis		IN =	396	OUT =	467	Dir Analysis		Dir Analysis		% Adopt LOS		Study Area Link?					
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	PK Hr NB/EB	PK Hr SB/WB	NB/EB	SB/WB		NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	657	1,467	1,530	1,075	D	983	D	1.13%	0.51%	0.63%	W	24	37	0.28%	-0.24%	0.52%	E	1	1	25	38	1.72%	2.57%		1,100	D	1,021	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	657	1,467	1,530	1,075	D	983	D	1.80%	0.80%	0.99%	W	38	58	0.93%	0.32%	0.62%	E	4	4	42	62	2.88%	4.20%		1,117	D	1,044	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	657	1,467	1,530	880	D	828	D	1.13%	0.47%	0.65%	W	24	36	0.45%	0.08%	0.37%	E	2	2	26	38	1.76%	2.59%		906	D	866	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	657	1,467	1,530	515	C	699	D	0.74%	0.32%	0.41%	W	16	24	0.05%	0.00%	0.05%	E	0	0	16	24	1.08%	1.63%		531	C	723	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	747	792	792	1,305	F	1,194	F	1.24%	0.56%	0.68%	E	40	26	0.00%	0.00%	0.00%	W	0	0	40	26	5.05%	3.31%	Y	1,345	F	1,220	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	7,739	D	7,688	D	8.98%	5.27%	3.71%	N	289	189	10.67%	4.77%	5.90%	S	42	50	331	239	3.62%	2.61%		8,071	D	7,927	D	Pass	
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	9,188	E	9,348	E	8.36%	4.22%	4.13%	N	269	176	10.22%	3.67%	6.55%	S	40	48	310	224	3.38%	2.45%		9,497	E	9,572	E	Fail	Y
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	13,041	F	8,593	C	7.52%	3.68%	3.84%	N	242	159	8.69%	2.81%	5.88%	S	34	41	277	199	2.52%	1.81%		13,318	F	8,793	C	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	2,320	C	2,608	C	3.31%	2.41%	0.90%	E	107	70	2.39%	1.75%	0.64%	W	9	11	116	81	3.85%	2.68%		2,436	C	2,689	C	Pass	
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	1,730	C	1,946	C	1.80%	1.35%	0.45%	E	58	38	1.34%	1.01%	0.33%	W	5	6	63	44	2.10%	1.47%		1,794	C	1,991	C	Pass	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	1,107	C	399	C	0.25%	0.12%	0.13%	E	8	5	0.21%	0.09%	0.11%	W	1	1	9	6	0.58%	0.40%		1,116	C	405	C	Pass	
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	930	C	1,495	C	8.68%	4.19%	4.49%	E	280	183	3.08%	0.47%	2.60%	W	12	14	292	197	9.66%	6.54%	Y	1,221	C	1,693	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	930	C	1,495	C	6.04%	2.92%	3.12%	E	194	127	2.64%	0.32%	2.32%	W	10	12	205	140	6.78%	4.63%	Y	1,134	C	1,635	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	930	C	1,495	C	5.83%	2.83%	3.01%	W	123	188	2.15%	0.07%	2.08%	E	10	9	133	196	4.41%	6.50%	Y	1,063	C	1,692	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	1,832	C	1,781	C	4.63%	2.29%	2.34%	W	98	149	2.22%	0.22%	2.00%	E	10	9	108	158	3.57%	5.22%	Y	1,940	C	1,939	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	1,832	C	1,781	C	3.43%	1.67%	1.76%	W	72	110	1.93%	0.12%	1.81%	E	9	8	81	118	2.69%	3.91%		1,913	C	1,899	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,235	C	2,080	C	5.39%	2.68%	2.70%	W	114	173	4.33%	2.17%	2.16%	E	20	17	134	191	4.43%	6.31%	Y	2,368	C	2,271	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,285	C	2,364	C	4.58%	2.36%	2.21%	W	97	147	3.86%	2.11%	1.75%	E	18	15	115	163	3.79%	5.39%	Y	2,399	C	2,527	C	Pass	
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,285	C	2,364	C	4.13%	2.17%	1.97%	W	87	133	3.55%	1.99%	1.55%	E	17	14	104	147	3.44%	4.87%		2,389	C	2,511	C	Pass	
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,285	C	2,364	C	4.09%	2.14%	1.94%	W	86	132	3.50%	1.97%	1.53%	E	16	14	103	146	3.40%	4.82%		2,387	C	2,510	C	Pass	
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	3,382	F	2,908	C	3.61%	1.89%	1.72%	W	76	116	3.00%	1.69%	1.30%	E	14	12	90	128	2.99%	4.24%		3,472	F	3,036	F	Fail	Y
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	1,321	C	1,605	C	0.79%	0.31%	0.48%	W	17	25	0.45%	0.22%	0.23%	E	2	2	19	27	0.69%	1.00%		1,340	C	1,632	C	Pass	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,457	C	1,639	C	0.42%	0.18%	0.25%	W	9	14	0.31%	0.16%	0.15%	E	1	1	10	15	0.29%	0.41%		1,468	C	1,654	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	1,898	C	1,762	C	3.41%	1.23%	2.19%	W	72	110	2.45%	0.87%	1.58%	E	11	10	83	120	2.76%	3.96%		1,981	C	1,882	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	1,794	C	1,939	C	2.06%	0.88%	1.18%	W	44	66	0.43%	0.21%	0.22%	E	2	2	46	68	1.51%	2.26%		1,839	C	2,007	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	2,136	C	1,545	C	0.93%	0.44%	0.49%	W	20	30	0.58%	0.30%	0.27%	E	3	2	22	32	0.82%	1.18%		2,158	C	1,577	C	Pass	
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	2,186	C	1,318	C	0.62%	0.36%	0.27%	W	13	20	0.69%	0.44%	0.25%	E	3	3	16	23	0.60%	0.84%		2,202	C	1,341	C	Pass	

Volume from Model
Diverted Trip Route Segment (Net External Trips Applied)
Fails with total trips but Project % of Adopted LOS does not exceed 5%

Table VI-4: Zoning Short Term (Year 2020) Background and Combined Intersection LOS Analysis

Intersection ID	Intersection	Background only 2020 (Without Mitigation)				Background only 2020 (With Mitigation)				Total 2020 (Without Mitigation)				Total 2020 (With Mitigation)			
		AM		PM		AM		PM		AM		PM		AM		PM	
		LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay
1	NW 87th Ave Miami Gardens Dr	F	263.30	F	182.80	F	144.10	F	101.80	F	290.10	F	272.70	F	157.80	F	152.90
2	NW 82nd Ave Miami Gardens Dr	E	65.50	E	73.00	D	42.90	D	40.10	E	72.00	F	96.70	D	42.60	D	39.40
3	NW 79th Ave Miami Gardens Dr	F	103.50	C	32.10	C	29.50	C	25.30	F	115.60	D	43.80	D	36.30	C	29.20
4	W Oakmont Dr Miami Gardens Dr	B	16.80	D	35.30	B	15.20	C	24.40	B	17.30	D	37.00	B	15.50	C	26.30
5	NW 75th Ave Miami Gardens Dr	F	92.90	E	56.90	C	32.30	C	32.10	F	91.50	D	49.50	C	32.40	C	31.20
6	NW 73th Ave Miami Gardens Dr	B	17.00	C	27.50	B	17.00	B	19.20	B	17.10	C	27.00	B	17.10	B	19.50
7	NW 68th Ave Miami Gardens Dr	C	23.10	C	24.90	C	25.90	C	23.10	C	24.60	C	24.00	C	28.40	C	24.30
8	Bobolink Dr Miami Gardens Dr	F	118.90	F	159.90	F	118.30	E	70.80	F	129.70	F	198.00	F	129.00	F	90.80
9	NW 67th Ave Miami Gardens Dr	D	53.00	E	69.60	D	53.00	E	61.70	D	53.70	E	75.00	D	53.70	E	67.40
10	NW 62nd Ave Miami Gardens Dr	F	249.40	F	94.40	F	150.40	D	44.10	F	246.20	F	92.60	F	172.70	D	43.50

Table VI-4: Zoning Short Term (Year 2020) Background and Combined Intersection LOS Analysis

Intersection ID	Intersection	Background only 2020 (Without Mitigation)				Background only 2020 (With Mitigation)				Total 2020 (Without Mitigation)				Total 2020 (With Mitigation)			
		AM		PM		AM		PM		AM		PM		AM		PM	
		LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay
11	SR823/ Red Rd Miami Gardens Dr	E	72.30	F	82.40	E	58.30	E	74.00	E	74.60	F	85.30	E	59.70	E	79.40
12	NW 97th Ave/ W 36th Ave NW 138th St/ W 84th St	E	68.40	F	134.20	E	68.40	F	136.20	E	68.80	F	133.10	E	68.80	F	133.10
13	NW 97th Ave/ W 36th Ave NW 130th St	A	9.50	B	12.00	A	9.50	B	12.00	A	9.50	B	12.20	A	9.50	B	12.20
14	Ronal Reagan Turnpike Ramp(S) N Okeechobee Rd	F	149.70	E	55.70	F	124.50	E	55.90	F	168.80	F	152.20	F	143.40	F	125.10
15	Ronal Reagan Turnpike Ramp(N) N Okeechobee Rd	D	42.40	E	71.90	C	23.40	C	21.00	D	44.40	F	115.30	D	38.60	C	27.40
16	SR 823/ Red Rd Ronal Reagan Turnpike Ramp(E)	C	24.60	C	22.30	C	24.60	C	22.30	C	24.90	C	23.30	C	24.90	C	23.20
17	SR 823/ Red Rd Ronal Reagan Turnpike Ramp(W)	E	69.60	E	79.50	E	69.60	E	79.50	E	72.50	F	92.20	E	72.50	F	92.20
20	NW 138th St N Okeechobee Rd	F	138.60	F	175.30	F	108.90	F	131.40	F	143.20	F	198.40	F	111.10	F	141.70
23	Hialeah Gardens Blvd N Okeechobee Rd	F	125.60	F	308.00	F	116.00	F	227.90	F	126.40	F	312.80	F	116.20	F	227.90
36	I-75 Ramp (N) Miramar Pkwy	B	14.40	B	12.70	B	14.40	B	12.70	B	15.00	B	16.80	B	15.00	B	16.80

Table VI-4: Zoning Short Term (Year 2020) Background and Combined Intersection LOS Analysis

Intersection ID	Intersection	Background only 2020 (Without Mitigation)				Background only 2020 (With Mitigation)				Total 2020 (Without Mitigation)				Total 2020 (With Mitigation)			
		AM		PM		AM		PM		AM		PM		AM		PM	
		LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay
37	I-75 Ramp (S) / Miramar Pkwy	B	17.50	A	9.20	B	17.50	A	9.20	B	18.00	B	10.60	B	18.80	B	10.60
38	I-75 Ramp (N) / Pines Blvd	B	16.20	A	8.50	B	16.20	A	8.40	C	28.00	A	8.50	B	16.60	A	8.50
39	I-75 Ramp (S) / Pines Blvd	C	30.30	B	12.60	C	30.30	B	12.80	D	42.20	B	13.90	D	41.50	B	13.90
44	Hialeah Gardens Blvd / W 68th St	F	201.70	F	94.60	F	115.30	D	47.00	F	204.30	F	104.10	F	118.50	D	48.50
50	NW 87th Ave / NW 170th St	F	234.30	E	74.50	F	124.70	D	36.10	F	233.50	F	117.50	F	127.90	D	52.70
51	Hialeah Gardens Blvd / NW 130th St	F	376.00	E	87.00	F	189.60	E	69.40	F	383.90	F	99.50	F	383.90	E	78.90
52	Hialeah Gardens Blvd / W 80th St	C	33.10	D	47.60	C	33.10	D	45.00	C	33.00	D	47.60	C	33.00	D	44.40
53	Hialeah Gardens Blvd / W 84th St	F	117.50	F	102.00	F	118.00	E	61.70	F	125.10	F	113.50	F	125.10	E	67.60
54	Hialeah Gardens Blvd / NW 138th St/ W 84th St	E	69.80	F	139.50	D	53.50	E	72.70	E	74.60	F	139.10	E	57.80	E	79.50

4.0 YEAR 2040 AM AND PM CDMP ANALYSES

For the Year 2040 CDMP traffic impact review, the **Table I-18** Year 2040 project trips were consulted for respectively the ADM and the Graham (both project trips).

The total trips were compared to the year 2040 MSVs and LOS operations were established for each link. The links were identified as either "Pass" or "Fail" the adopted LOS and if it failed a determination of whether the deficiency was due to backlogged conditions (e.g. background with ADM trips) or the total trips was identified. Those links which fail due to just the total trips and which meet the five percent (5%) of MSV criteria of significance are Project improvements.

Tables IV-5A and **IV-5B** show the Combined AM and PM level of service analyses for the Year 2020 CDMP review. A detailed summary of the deficiencies and mitigations are provided in the section titled Mitigation Summary at the end of this Chapter.

5.0 YEAR 2040 AM AND PM ZONING ANALYSES

Both roadway link and intersection AM and PM analyses are required for the Year 2020 Zoning review. Each set of analyses are detailed here.

5.1 Year 2040 Zoning Roadway Link LOS

The process for preparing the Zoning background trips was demonstrated in **Table I-13**. These general background trips served as the background trips for the Combined Zoning AM and PM analyses. In addition to these background trips, the ADM and Graham trips were added to obtain total trips by the year 2040. The Year 2040 ADM and Graham project trips were identified in **Table I-19**.

The total trips were compared to the year 2020 MSVs (since the Zoning analysis is limited to three years of committed improvements) and LOS operations were established for each link. The links were identified as either "Pass" or "Fail" the adopted LOS and if it failed a determination of whether the deficiency was due to backlogged conditions (e.g. background with ADM trips) or the total trips was identified. Those links which fail due to just the total trips and which meet the five percent (5%) of MSV criteria of significance are Project improvements.

Tables IV-6A and IV-6B shows the Combined level of service analyses for the Year 2040 AM and PM Zoning review. A detailed summary of the deficiencies and mitigations are provided in the section titled Mitigation Summary at the end of this Chapter.

Table IV-5A: CDMP Long Term (Year 2040) Study Area Roadway Segment LOS Analysis - Combined ADM/Graham AM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS						GRAHAM PROJECT TRIPS						COMBINED PROJECT TRIPS					TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	558	OUT =	596	Dir Analysis		IN =	3,475	OUT =	1,431	Dir Analysis		Dir Analysis		% Adopt LOS								
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	PK Hr NB/EB	PK Hr SB/WB	NB/EB	SB/EB	Study Area Link?	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	16,459	F	7,961	D	7.17%	3.75%	3.42%	S	40	43	4.89%	2.58%	2.31%	N	170	70	210	113	2.29%	1.23%		16,669	F	8,073	D	Fail	Y
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	10,920	F	6,518	C	7.01%	3.62%	3.40%	S	39	42	4.89%	2.58%	2.31%	N	170	70	209	112	2.28%	1.22%		11,130	F	6,630	C	Fail	Y
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	13,688	F	10,525	F	8.46%	4.27%	4.19%	S	47	50	7.54%	4.23%	3.31%	N	262	108	309	158	3.38%	1.73%		13,997	F	10,684	F	Fail	Y
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	13,135	F	14,252	F	9.40%	4.81%	4.59%	S	52	56	8.79%	4.97%	3.81%	N	305	126	358	182	3.91%	1.98%		13,493	F	14,434	F	Fail	Y
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	10,870	F	13,789	F	9.85%	5.10%	4.76%	S	55	59	10.33%	5.94%	4.39%	N	359	148	414	207	4.52%	2.26%		11,284	F	13,995	F	Fail	Y
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	9,251	E	14,929	F	11.17%	5.75%	5.42%	S	62	67	11.24%	6.49%	4.75%	N	391	161	453	227	4.95%	2.48%		9,704	E	15,157	F	Fail	Y
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	7,843	D	13,161	F	19.89%	10.48%	9.41%	S	121	109	12.16%	7.02%	5.14%	N	344	252	465	361	5.08%	3.94%	Y	8,308	D	13,521	F	Fail	Y
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	8,478	D	14,226	F	15.93%	8.12%	7.80%	N	95	89	10.34%	7.02%	3.31%	S	345	163	440	251	4.80%	2.75%		8,917	D	14,478	F	Fail	Y
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	4,823	C	7,307	D	16.63%	7.91%	8.72%	E	99	93	13.57%	6.78%	6.79%	W	194	472	293	564	4.00%	7.70%	Y	5,117	C	7,871	E	Fail	
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	8,311	F	8,383	F	11.40%	5.56%	5.85%	E	68	64	10.12%	5.08%	5.04%	W	145	352	213	415	2.90%	5.67%	Y	8,524	F	8,798	F	Fail	Y
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	8,231	F	8,302	F	6.96%	3.23%	3.73%	E	41	39	6.40%	3.08%	3.32%	W	92	222	133	261	1.82%	3.56%		8,364	F	8,563	F	Fail	Y
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	9,169	F	7,551	E	2.84%	1.32%	1.52%	N	17	16	2.87%	1.48%	1.39%	S	41	100	58	116	0.79%	1.58%		9,227	F	7,666	E	Fail	Y
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	9,013	F	8,572	F	3.84%	1.82%	2.02%	N	23	21	2.87%	1.48%	1.39%	S	41	100	64	121	1.16%	2.20%		9,077	F	8,693	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	8,430	F	8,158	E	5.43%	2.61%	2.82%	N	32	30	4.39%	2.25%	2.14%	S	63	153	95	183	1.30%	2.50%		8,525	F	8,341	F	Fail	Y
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	5,580	C	6,303	D	2.52%	1.41%	1.12%	S	14	15	2.01%	1.17%	0.83%	N	70	29	84	44	1.15%	0.60%		5,664	C	6,347	D	Pass	
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	9,440	D	9,045	C	8.11%	4.20%	3.91%	N	48	45	7.66%	3.76%	3.91%	S	110	266	158	311	1.44%	2.84%		9,598	D	9,357	D	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	9,765	D	4,099	B	10.11%	5.20%	4.91%	N	60	56	9.66%	4.76%	4.91%	S	138	336	199	392	1.81%	3.57%		9,964	D	4,491	B	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	7,788	C	8,899	C	12.11%	6.20%	5.91%	N	72	68	11.66%	5.76%	5.91%	S	167	405	239	473	2.18%	4.31%		8,027	C	9,371	D	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	6,943	B	10,088	C	12.11%	6.20%	5.91%	N	72	68	11.66%	5.76%	5.91%	S	167	405	239	473	1.86%	3.67%		7,182	B	10,561	C	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	7,605	B	8,471	C	17.58%	8.55%	9.03%	N	105	98	16.50%	7.72%	8.78%	S	236	573	341	671	2.65%	5.21%	Y	7,946	C	9,143	C	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	8,218	B	11,963	C	24.85%	12.96%	11.89%	N	148	139	21.85%	11.00%	10.86%	S	313	759	461	898	2.93%	5.71%	Y	8,679	B	12,861	C	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	6,096	B	9,335	C	33.57%	20.76%	12.81%	N	240	148	29.45%	15.12%	14.33%	S	742	703	981	851	7.62%	6.61%	Y	7,077	B	10,185	C	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	9,100	10,980	12,160	4,268	B	8,863	C	20.84%	8.24%	12.60%	S	95	145	18.69%	4.36%	14.33%	N	214	703	309	849	2.82%	7.73%	Y	4,577	B	9,712	D	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	4,268	B	8,863	C	17.94%	8.24%	9.71%	S	95	112	14.53%	4.36%	10.17%	N	214	499	309	611	2.82%	5.56%	Y	4,577	B	9,474	D	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	8,178	C	4,578	B	14.99%	8.12%	6.87%	E	94	79	13.13%	9.02%	4.11%	W	443	202	536	281	4.88%	2.56%		8,714	C	4,859	B	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	3,396	C	1,979	B	3.44%	1.66%	1.79%	E	21	19	4.20%	2.29%	1.91%	W	60	146	81	165	1.46%	3.00%		3,476	C	2,144	B	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	2,813	B	2,010	B	1.93%	0.99%	0.94%	E	12	11	2.56%	1.50%	1.05%	W	37	89	48	100	0.87%	1.81%		2,861	B	2,109	B	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	2,707	B	1,543	B	1.83%	0.96%	0.87%	E	11	10	2.42%	1.46%	0.96%	W	35	84	46	94	0.83%	1.72%		2,752	B	1,637	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,910	1,800	1,800	513	C	429	C	0.69%	0.49%	0.20%	S	4	4	9.57%	5.79%	3.79%	N	333	137	337	141	18.70%	7.84%	Y	850	C	570	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	New 2L	D	747	792	792	166	C	139	C	1.36%	0.66%	0.70%	S	8	8	12.39%	7.34%	5.05%	N	360	248	368	256	46.42%	32.33%	Y	534	C	395	C	Pass	
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	New 4	D	1,719	1,800	1,800	211	C	176	C	21.90%	11.29%	10.61%	S	141	133	34.46%	17.46%	17.00%	N	877	854	1018	987	56.58%	54.82%	Y	1,229	C	1,163	C	Pass	
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	1,800	302	C	252	C	23.93%	12.41%	11.52%	S	144	156	30.18%	17.61%	12.57%	N	1,071	445	1214	601	67.47%	33.41%	Y	1,516	C	853	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	302	C	252	C	34.36%	19.56%	14.80%	E	245	185	30.18%	17.61%	12.57%	W	884	632	1129	817	31.17%	22.54%	Y	1,431	C	1,069	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	1,211	C	1,011	C	33.35%	18.55%	14.80%	E	232	185	30.18%	17.61%	12.57%	W	884	632	1117	817	30.82%	22.54%	Y	2,328	C	1,828	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	980	C	3,268	F	12.81%	6.02%	6.79%	E	70	78	15.06%	6.85%	8.21%	W	336	403	406	481	16.91%	20.05%	Y	1,386	C	3,750	F	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	980	C	3,268	F	8.19%	3.80%	4.39%	E	49	46	9.80%	4.43%	5.37%	W	140	340	189	386	7.88%	16.09%	Y	1,169	C	3,655	F	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,770	C	1,177	C	6.74%	3.05%	3.69%	E	40	38	7.96%	3.50%	4.46%	W	114	277	154	314	6.42%	13.10%	Y	1,924	C	1,492	C	Pass	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,770	C	1,177	C	4.22%	1.87%	2.35%	E	25	24	5.18%	2.23%	2.95%	W	74	180	99	204	4.14%	8.48%	Y	1,869	C	1,381	C	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,395	C	1,005	C	2.51%	1.07%	1.44%	E	15	14	2.96%	1.19%	1.78%	W	42	103	57	117	2.39%	4.87%		1,452	C	1,122	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	961	C	797	C	1.54%	0.72%	0.82%	E	9	9	1.77%	0.77%	1.00%	W	25	61	35	70	0.95%	1.93%		996	C	867	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	2,718	733	C	878	C	35.67%	18.20%	17.48%	W	228	219	22.07%	10.12%	11.95%	E	508	600	736	819	27.09%	30.13%	Y	1,469	C	1,697	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	2,718	383	C	459	C	15.75%	7.87%	7.87%	E	103	95	11.03%	5.06%	5.97%	W	163	391	265	486	9.77%	17.88%	Y	648	C	945	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	947	F	950	F	0.48%	0.24%	0.25%	E	3	3	0.54%	0.26%	0.28%	W	8	19	11	21	1.57%	3.17%		958	F	971	F	Fail	Y
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	947	F	950	F	0.00%	0.00%	0.00%	E	0	0	0.00%	0.00%	0.00%	W	0	0	0	0	0.00%	0.00%		947	F	950	F	Fail	Y
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	1,106	C	558	C	1.74%	0.79%	0.95%	E	10	10	2.12%	0.81%	1.31%	W	30	74	41	83	2.26%	4.63%		1,146	C	641	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,626	C	1,327	C	0.64%	0.28%	0.37%	E	4	4	0.75%	0.30%	0.45%	W	11	26	15	30	0.81%	1.64%		1,641	C	1,357	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	940	C	893	C	0.41%	0.14%	0.26%	E	2	2	0.46%	0.16%	0.31%	W	7	16	9	18	0.50%	1.02%		949	C	911	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	1,054	D	737	D	0.65%	0.37%	0.28%	E	4	4	0.61%	0.37%	0.24%	W	9	21	13	25	0.74%	1.46%		1,067	D	762	D	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	1,442	D	1,047	D	0.04%	0.04%	0.00%	E	0	0	0.04%	0.04%	0.00%	W	1	1	1	1	0.04%	0.09%		1,443	D	1,049	D	Pass	
878684	NW 138th St	Florida's Turnpike/HEFT/SR 821	NW 107th Ave	1.00	6	D	4,580	5,500	6,080	720	B	986	B	3.09%	1.38%	1.71%	W	17	18	0.63%	0.21%	0.42%	E	22	9	39	27	0.71%	0.50%		759	B	1,014	B	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	D	4,580	5,500	6,080	1,048	B	1,711	B	2.60%	1.31%	1.30%	W	15	16	2.19%	0.85%	1.34%	E	76	31	91	47	1.65%	0.85%		1,138	B	1,758	B	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	D	4,580	5,500	6,080	1,048	B	1,711	B	1.35%	0.61%	0.73%	E	7	8	0.21%	0.03%	0.18%	W	1	9	9	17	0.16%	0.32%		1,056	B	1,729	B	Pass	
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	1,368	C	1,836	C	0.41%	0.02%	0.40%	S	2	2	0.05%	0.02%	0.02%	N	2	1	4	3	0.13%	0.10%		1,372	C	1,839	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	917	C	1,232	C	1.34%	0.51%	0.83%	S	6	10	0.29%	0.03%	0.26%	N	1	13	7	22	0.37%	1.12%		925	C	1,254	C	Pass	
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	597	C	364	C	0.19%	0.09%	0.10%	S	1	1	0.15%	0.12%	0.04%	N	6	2	7	3	0.85%	0.37%		603	C	367	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	597	C	364	C	0.07%	0.03%	0.03%	S	0	0	0.06%	0.06%	0.00%	N	3	0	3	0	0.42%	0.05%		600	C	364	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	597	C	364	C	1.63%	0.83%	0.80%	S	10	9	2.18%	1.34%	0.85%	N	66	42	75	51	4.18%	2.82%		672	C	415	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	597	C	364	C	3.59%	1.81%	1.78%	S	21	21	5.57%	3.03%	2.54%	N	149	124	170	145	21.44%	18.30%	Y	766	D	509	C	Pass	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	1,800	228	C	191	C	19.34%	9.69%	9.65%	S	121	121	5.57%	3.03%	2.54%	N	152	127	274	248	15.21%	13.79%	Y	502	C	439	C	Pass	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	1,800	93	C	78	C	22.90%	11.47%	11.43%	N	144	143	14.18%	6.05%	8.13%	S	304	408	448	552	24.87%	30.64%	Y	541	C	629	C	Pass	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,680	C	1,322	C	4.26%	2.22%	2.04%	S	24	25	4.93%	2.67%	2.26%	N	171	70	195	96	10.83%	5.33%	Y	1,875	F	1,418	C	Fail	
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	750	C	372	C	1.55%	0.84%	0.71%	S	9	9	1.79%	0.97%	0.82%	N	62	26	71	35	3.94%	1.94%		821	C	407	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	1,800	75	C	63	C	6.16%	3.57%	2.59%	W	37	40	14.18%	6.05%	8.13%	E	503	209	540	249	30.01%	13.86%	Y	615	C	312	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	1,800	300	C	251	C	21.09%	8.49%	12.60%	E	106	158	10.32%	4.12%	6.20%	W	207	311	313	469	17.39%	26.07%	Y	614	C	720	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	2,256	C	1,579	C	1.54%	0.17%	1.37%	W	9	9	1.38%	0.17%	1.21%	E	48	20	57	29	1.87%	0.96%		2,313	C	1,608	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	3,451	F	2,388	C	2.03%	0.00%	2.03%	W	11	12	1.78%	0.00%	1.77%	E	62	25	73	38	2.42%	1.24%		3,524	F	2,426	C	Fail	Y
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	4,040	2,772	C	2,296	C	4.22%	1.87%	2.35%	E	25	24	3.58%	1.50%	2.08%	W	51	124	76	148	1.89%	3.66%		2,848	C	2,444	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	2,791	C	2,562	C	2.61%	1.50%	1.11%	E	16	15	2.16%	1.17%	0.98%	W	31	75	46	90	1.54%	2.97%		2,838	C	2,652	C	Pass	

Table IV-5A: CDMP Long Term (Year 2040) Study Area Roadway Segment LOS Analysis - Combined ADM/Graham AM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS						GRAHAM PROJECT TRIPS						COMBINED PROJECT TRIPS					TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	558	OUT =	596	Dir Analysis		IN =	3,475	OUT =	1,431	Dir Analysis		Dir Analysis		% Adopt LOS		Study Area Link?						
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	PK Hr NB/EB	PK Hr SB/WB	NB/EB	SB/WB		NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	730	1,467	1,530	1,176	D	1,124	D	0.91%	0.36%	0.55%	E	5	5	0.51%	0.03%	0.48%	W	7	18	13	23	0.87%	1.55%		1,189	D	1,147	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	730	1,467	1,530	1,176	D	1,124	D	1.61%	0.67%	0.93%	E	10	9	0.85%	0.35%	0.49%	W	12	29	22	38	1.48%	2.62%		1,198	D	1,162	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	730	1,467	1,530	1,180	D	989	D	0.80%	0.27%	0.53%	E	5	4	0.17%	0.01%	0.16%	W	2	6	7	10	0.49%	0.71%		1,187	D	1,000	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	730	1,467	1,530	599	C	927	D	0.50%	0.15%	0.36%	E	3	3	0.03%	0.00%	0.03%	W	0	1	3	4	0.23%	0.26%		603	C	930	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	370	792	792	1,739	F	1,662	F	1.01%	0.41%	0.60%	W	6	6	0.48%	0.09%	0.39%	E	17	7	22	13	2.80%	1.62%		1,761	F	1,675	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	9,417	E	7,743	D	8.03%	4.75%	3.28%	S	45	48	5.29%	2.12%	3.18%	N	184	76	229	124	2.50%	1.35%		9,646	E	7,867	D	Fail	Y
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	9,495	E	11,608	F	7.29%	3.74%	3.55%	S	41	43	4.34%	1.08%	3.27%	N	151	62	192	106	2.09%	1.15%		9,687	E	11,714	F	Fail	Y
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	11,903	E	14,362	F	6.47%	3.19%	3.28%	S	36	39	3.41%	0.52%	2.89%	N	118	49	154	87	1.41%	0.80%		12,058	E	14,449	F	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	3,865	F	2,279	C	3.20%	2.14%	1.06%	W	18	19	2.78%	1.88%	0.89%	E	97	40	114	59	3.79%	1.95%		3,980	F	2,338	C	Fail	Y
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	2,991	D	2,354	C	1.56%	1.16%	0.41%	W	9	9	1.34%	1.03%	0.31%	E	46	19	55	28	1.83%	0.94%		3,046	F	2,383	C	Fail	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	359	C	1,816	F	0.21%	0.10%	0.11%	W	1	1	0.28%	0.10%	0.17%	E	10	4	11	5	0.71%	0.34%		370	C	1,821	F	Fail	Y
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	1,599	C	1,234	C	7.88%	3.57%	4.31%	W	44	47	0.21%	0.00%	0.21%	E	7	3	51	50	1.70%	1.66%		1,651	C	1,284	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	1,599	C	1,234	C	4.83%	2.21%	2.62%	W	27	29	0.00%	0.00%	0.00%	E	0	0	27	29	0.89%	0.95%		1,626	C	1,262	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	1,599	C	1,234	C	4.71%	2.16%	2.55%	E	28	26	7.79%	2.75%	5.04%	W	111	271	140	297	4.62%	9.84%	Y	1,739	C	1,531	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	2,395	C	2,512	C	3.77%	1.80%	1.97%	E	22	21	6.85%	2.43%	4.42%	W	98	238	120	259	3.99%	8.58%	Y	2,516	C	2,771	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	2,395	C	2,512	C	2.55%	1.19%	1.36%	E	15	14	5.70%	1.98%	3.72%	W	82	198	97	212	3.20%	7.03%	Y	2,492	C	2,724	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,746	C	2,075	C	4.02%	1.81%	2.21%	E	24	22	4.73%	1.89%	2.84%	W	68	164	92	187	3.04%	6.19%	Y	2,837	C	2,262	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,770	C	2,370	C	3.27%	1.56%	1.71%	E	19	18	3.71%	1.57%	2.14%	W	53	129	73	147	2.40%	4.87%		2,842	C	2,517	C	Pass	
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,770	C	2,370	C	2.92%	1.41%	1.51%	E	17	16	3.35%	1.49%	1.87%	W	48	116	65	133	2.16%	4.40%		2,835	C	2,502	C	Pass	
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,770	C	2,370	C	2.87%	1.39%	1.49%	E	17	16	3.30%	1.46%	1.84%	W	47	115	64	131	2.13%	4.33%		2,834	C	2,500	C	Pass	
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	3,480	F	4,992	F	2.40%	1.12%	1.28%	E	14	13	2.75%	1.20%	1.56%	W	39	96	54	109	1.78%	3.61%		3,534	F	5,101	F	Fail	Y
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	2,716	D	2,239	C	0.83%	0.34%	0.49%	E	5	5	0.62%	0.25%	0.37%	W	9	21	14	26	0.51%	0.96%		2,730	F	2,265	C	Fail	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,599	C	1,533	C	0.42%	0.18%	0.23%	E	2	2	0.32%	0.16%	0.16%	W	5	11	7	14	0.20%	0.37%		1,606	C	1,546	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	2,003	C	1,805	C	3.22%	1.15%	2.07%	E	19	18	2.82%	1.19%	1.63%	W	40	98	60	116	1.97%	3.84%		2,063	C	1,920	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	2,573	C	2,881	C	2.01%	0.80%	1.21%	E	12	11	0.63%	0.12%	0.51%	W	9	22	21	33	0.69%	1.10%		2,594	C	2,914	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	1,770	C	2,890	F	0.74%	0.29%	0.45%	E	4	4	0.54%	0.18%	0.36%	W	8	19	12	23	0.45%	0.85%		1,783	C	2,913	F	Fail	Y
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	1,761	C	2,484	C	0.52%	0.31%	0.21%	E	3	3	0.48%	0.33%	0.15%	W	7	17	10	19	0.36%	0.72%		1,771	C	2,504	C	Pass	

Volume from Model

Diverted Trip Route Segment (Net External Trips Applied)

Fails with total trips but Project % of Adopted LOS does not exceed 5%

Table IV-5B: CDMP Long Term (Year 2040) Study Area Roadway Segment LOS Analysis - Combined ADM/Graham PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS						GRAHAM PROJECT TRIPS						COMBINED PROJECT TRIPS					TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	3,221	OUT =	2,110	Dir Analysis		IN =	2,138	OUT =	3,177	Dir Analysis		Dir Analysis		% Adopt LOS		Study Area Link?						
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	PK Hr NB/EB	PK Hr SB/WB	NB/EB	SB/WB		NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	9,573	E	14,210	F	7.17%	3.75%	3.42%	N	231	151	4.89%	2.58%	2.31%	S	105	155	336	307	3.66%	3.35%		9,908	E	14,517	F	Fail	Y
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	7,515	C	9,899	E	7.01%	3.62%	3.40%	N	226	148	4.89%	2.58%	2.31%	S	105	155	330	303	3.61%	3.31%		7,846	D	10,202	F	Fail	Y
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	11,090	F	15,698	F	8.46%	4.27%	4.19%	N	272	178	7.54%	4.23%	3.31%	S	161	240	434	418	4.73%	4.56%		11,524	F	16,116	F	Fail	Y
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	13,670	F	15,029	F	9.40%	4.81%	4.59%	N	303	198	8.79%	4.97%	3.81%	S	188	279	491	478	5.36%	5.21%	Y	14,160	F	15,507	F	Fail	Y
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	13,667	F	12,038	F	9.85%	5.10%	4.76%	N	317	208	10.33%	5.94%	4.39%	S	221	328	538	536	5.88%	5.85%	Y	14,205	F	12,574	F	Fail	Y
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	15,370	F	10,132	F	11.17%	5.75%	5.42%	N	360	236	11.24%	6.49%	4.75%	S	240	357	600	593	6.55%	6.47%	Y	15,970	F	10,725	F	Fail	Y
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	13,116	F	8,714	D	19.89%	10.48%	9.41%	N	558	502	12.16%	7.02%	5.14%	S	373	273	932	775	10.17%	8.46%	Y	14,048	F	9,489	E	Fail	Y
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	14,178	F	9,420	E	15.93%	8.12%	7.80%	S	336	513	10.34%	7.02%	3.31%	N	373	176	709	689	7.74%	7.52%	Y	14,887	F	10,109	F	Fail	Y
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	7,665	E	5,611	C	16.63%	7.91%	8.72%	W	351	536	13.57%	6.78%	6.79%	E	431	290	782	826	10.67%	11.27%	Y	8,447	F	6,437	D	Fail	Y
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	8,598	F	8,359	F	11.40%	5.56%	5.85%	W	241	367	10.12%	5.08%	5.04%	E	322	216	562	584	7.67%	7.96%	Y	9,160	F	8,942	F	Fail	Y
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	8,515	F	8,278	F	6.96%	3.23%	3.73%	W	147	224	6.40%	3.08%	3.32%	E	203	137	350	361	4.78%	4.92%		8,865	F	8,639	F	Fail	Y
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	8,525	F	7,895	E	2.84%	1.32%	1.52%	S	60	91	2.87%	1.48%	1.39%	N	91	61	151	153	2.06%	2.09%		8,676	F	8,048	E	Fail	Y
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	8,223	F	8,998	F	3.84%	1.82%	2.02%	S	81	124	2.87%	1.48%	1.39%	N	91	61	172	185	3.13%	3.36%		8,395	F	9,183	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	8,525	F	8,445	F	5.43%	2.61%	2.82%	S	115	175	4.39%	2.25%	2.14%	N	139	94	254	269	3.47%	3.67%		8,779	F	8,714	F	Fail	Y
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	7,403	E	6,303	D	2.52%	1.41%	1.12%	N	81	53	2.01%	1.17%	0.83%	S	43	64	124	117	1.70%	1.60%		7,528	E	6,420	D	Fail	Y
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	9,979	D	9,499	D	8.11%	4.20%	3.91%	S	171	261	7.66%	3.76%	3.91%	N	243	164	414	425	3.77%	3.87%		10,393	D	9,924	D	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	8,799	C	7,884	C	10.11%	5.20%	4.91%	S	213	326	9.66%	4.76%	4.91%	N	307	207	520	532	4.74%	4.85%		9,320	D	8,416	C	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	6,422	B	5,831	B	12.11%	6.20%	5.91%	S	255	390	11.66%	5.76%	5.91%	N	370	249	626	639	5.70%	5.82%	Y	7,048	C	6,470	B	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	8,602	C	7,942	C	12.11%	6.20%	5.91%	S	255	390	11.66%	5.76%	5.91%	N	370	249	626	639	4.86%	4.96%		9,228	C	8,581	C	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	9,605	C	6,530	B	17.58%	8.55%	9.03%	S	371	566	16.50%	7.72%	8.78%	N	524	353	895	919	6.95%	7.13%	Y	10,501	C	7,449	B	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	9,959	B	7,677	B	24.85%	12.96%	11.89%	S	524	801	21.85%	11.00%	10.86%	N	694	467	1219	1268	7.75%	8.06%	Y	11,177	C	8,945	B	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	8,514	C	5,736	B	33.57%	20.76%	12.81%	S	1,107	683	29.45%	15.12%	14.33%	N	803	762	1910	1444	14.83%	11.21%	Y	10,424	C	7,180	B	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	9,100	10,980	12,160	9,069	C	5,108	B	20.84%	8.24%	12.60%	N	439	672	18.69%	4.36%	14.33%	S	232	762	671	1433	6.11%	13.06%	Y	9,740	D	6,542	B	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	9,069	C	5,108	B	17.94%	8.24%	9.71%	N	439	517	14.53%	4.36%	10.17%	S	232	540	671	1058	6.11%	9.63%	Y	9,740	D	6,166	B	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	4,709	B	8,201	C	14.99%	8.12%	6.87%	W	433	366	13.13%	9.02%	4.11%	E	479	219	912	585	8.31%	5.32%	Y	5,621	B	8,786	C	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	1,753	B	3,643	C	3.44%	1.66%	1.79%	W	73	111	4.20%	2.29%	1.91%	E	133	90	206	201	3.74%	3.65%		1,959	B	3,843	C	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	3,161	B	3,920	C	1.93%	0.99%	0.94%	W	41	62	2.56%	1.50%	1.05%	E	81	55	122	117	2.22%	2.12%		3,283	B	4,037	C	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	1,926	B	2,496	B	1.83%	0.96%	0.87%	W	39	59	2.42%	1.46%	0.96%	E	77	52	116	111	2.10%	2.01%		2,041	B	2,606	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,910	1,800	1,800	429	C	513	C	0.69%	0.49%	0.20%	N	22	15	9.57%	5.79%	3.79%	S	205	304	227	319	12.60%	17.71%	Y	655	C	832	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	New 2L	D	747	792	792	139	C	166	C	1.36%	0.66%	0.70%	N	35	37	12.39%	7.34%	5.05%	S	390	269	425	306	53.68%	38.64%	Y	564	C	472	C	Pass	
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	New 4	D	1,719	1,800	1,800	176	C	211	C	21.90%	11.29%	10.61%	N	653	614	34.46%	17.46%	17.00%	S	1,008	981	1661	1595	92.27%	88.60%	Y	1,837	F	1,805	F	Fail	
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	1,800	252	C	302	C	23.93%	12.41%	11.52%	N	831	554	30.18%	17.61%	12.57%	S	712	1,030	1542	1584	85.69%	88.01%	Y	1,794	D	1,886	F	Fail	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	252	C	302	C	34.36%	19.56%	14.80%	W	1,132	856	30.18%	17.61%	12.57%	E	1,016	726	2148	1582	59.27%	43.65%	Y	2,400	C	1,883	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	1,011	C	1,211	C	33.35%	18.55%	14.80%	W	1,073	856	30.18%	17.61%	12.57%	E	1,016	726	2089	1582	57.65%	43.65%	Y	3,100	C	2,793	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	3,113	F	1,357	C	12.81%	6.02%	6.79%	W	321	362	15.06%	6.85%	8.21%	E	364	436	685	798	28.56%	33.26%	Y	3,798	F	2,155	C	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	3,113	F	1,357	C	8.19%	3.80%	4.39%	W	173	264	9.80%	4.43%	5.37%	E	311	209	484	473	20.17%	19.72%	Y	3,597	F	1,830	C	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,770	C	2,104	C	6.74%	3.05%	3.69%	W	142	217	7.96%	3.50%	4.46%	E	253	170	395	387	16.46%	16.14%	Y	2,165	C	2,491	F	Fail	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,770	C	2,104	C	4.22%	1.87%	2.35%	W	89	136	5.18%	2.23%	2.95%	E	165	111	254	247	10.57%	10.28%	Y	2,023	C	2,351	D	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,564	C	1,832	C	2.51%	1.07%	1.44%	W	53	81	2.96%	1.19%	1.78%	E	94	63	147	144	6.13%	6.01%	Y	1,711	C	1,977	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	1,032	C	1,162	C	1.54%	0.72%	0.82%	W	33	50	1.77%	0.77%	1.00%	E	56	38	89	88	2.45%	2.42%		1,120	C	1,249	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	2,718	878	C	733	C	35.67%	18.20%	17.48%	E	1,053	1,011	22.07%	10.12%	11.95%	W	584	690	1637	1700	60.22%	62.56%	Y	2,515	C	2,433	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	2,718	459	C	383	C	15.75%	7.87%	7.87%	W	364	547	11.03%	5.06%	5.97%	E	377	260	741	807	27.26%	29.68%	Y	1,200	C	1,190	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	569	D	463	D	0.48%	0.24%	0.25%	W	10	15	0.54%	0.26%	0.28%	E	17	12	27	27	4.04%	4.00%		596	D	490	D	Pass	
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	569	D	463	D	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%	0.00%	E	0	0	0	0	0.00%	0.00%		569	D	463	D	Pass	
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	555	C	625	C	1.74%	0.79%	0.95%	W	37	56	2.12%	0.81%	1.31%	E	67	45	104	101	5.78%	5.63%	Y	659	C	726	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,263	C	1,235	C	0.64%	0.28%	0.37%	W	14	21	0.75%	0.30%	0.45%	E	24	16	37	37	2.07%	2.04%		1,300	C	1,272	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	1,282	C	1,532	C	0.41%	0.14%	0.26%	W	9	13	0.46%	0.16%	0.31%	E	15	10	23	23	1.29%	1.27%		1,305	C	1,555	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	836	D	846	D	0.65%	0.37%	0.28%	W	14	21	0.61%	0.37%	0.24%	E	19	13	33	34	1.95%	1.99%		869	D	880	D	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	1,328	D	1,102	D	0.04%	0.04%	0.00%	W	1	1	0.04%	0.04%	0.00%	E	1	1	2	2	0.11%	0.12%		1,330	D	1,104	D	Pass	
878684	NW 138th St	Florida's Turnpike/HEFT/SR 821	NW 107th Ave	1.00	6	D	4,580	5,500	6,080	1,068	B	903	B	3.09%	1.38%	1.71%	E	99	65	0.63%	0.21%	0.42%	W	13	20	113	85	2.05%	1.55%		1,181	B	989	B	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	D	4,580	5,500	6,080	1,532	B	1,236	B	2.60%	1.31%	1.30%	E	84	55	2.19%	0.85%	1.34%	W	47	70	131	124	2.37%	2.26%		1,662	B	1,361	B	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	D	4,580	5,500	6,080	1,532	B	1,236	B	1.35%	0.61%	0.73%	W	33	39	0.21%	0.03%	0.18%	E	2	10	34	49	0.62%	0.89%		1,566	B	1,285	B	Pass	
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	2,309	C	1,764	C	0.41%	0.02%	0.40%	N	13	9	0.05%	0.02%	0.02%	S	1	1	14	10	0.47%	0.34%		2,324	C	1,774	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	1,333	C	1,151	C	1.34%	0.51%	0.83%	N	27	44	0.29%	0.03%	0.26%	S	2	14	29	58	1.45%	2.90%		1,362	C	1,209	C	Pass	
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	639	C	548	C	0.19%	0.09%	0.10%	N	5	5	0.15%	0.12%	0.04%	S	6	2	11	7	1.38%	0.93%		650	C	555	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	639	C	548	C	0.07%	0.03%	0.03%	N	2	2	0.06%	0.06%	0.00%	S	3	0	5	2	0.62%	0.22%		644	C	550	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	639	C	548	C	1.63%	0.83%	0.80%	N	44	43	2.18%	1.34%	0.85%	S	71	45	115	88	6.41%	4.86%	Y	754	C	636	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	639	C	548	C	3.59%	1.81%	1.78%	N	97	95	5.57%	3.03%	2.54%	S	161	135	258	230	32.57%	28.99%	Y	897	F	778	D	Fail	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	1,800	191	C	228	C	19.34%	9.69%	9.65%	N	560	558	5.57%	3.03%	2.54%	S	175	146	736	705	40.86%	39.15%	Y	926	C	933	C	Pass	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	1,800	78	C	93	C	22.90%	11.47%	11.43%	S	663	661	14.18%	6.05%	8.13%	N	349	469	1013	1131	56.27%	62.81%	Y	1,091	C	1,224	C	Pass	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,856	F	2,228	F	4.26%	2.22%	2.04%	N	137	90	4.93%	2.67%	2.26%	S	105	156	243	246	13.47%	13.69%	Y	2,099	F	2,474	F	Fail	Y
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	243	C	388	C	1.55%	0.84%	0.71%	N	50	33	1.79%	0.97%	0.82%	S	38	57	88	90	4.91%	4.98%		331	C	477	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	1,800	63	C	75	C	6.16%	3.57%	2.59%	E	214	143	14.18%	6.05%	8.13%	W	334	484	548	627	30.46%	34.82%	Y	611	C	702	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	1,800	251	C	300	C	21.09%	8.49%	12.60%	W	491	729	10.32%	4.12%	6.20%	E	238	358	729	1087	40.48%	60.38%	Y	980	C	1,387	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	1,950	C	2,706	C	1.54%	0.17%	1.37%	E	50	32	1.38%	0.17%	1.21%	W	30	44	79	76	2.62%	2.53%		2,029	C	2,782	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	3,573	F	4,177	F	2.03%	0.00%	2.03%	E	65	43	1.78%	0.00%	1.77%	W	38	56	103	99	3.42%	3.29%		3,677	F	4,276	F	Fail	Y
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	4,040	2,927	C	2,388	C	4.22%	1.87%	2.35%	W	89	136	3.58%	1.50%	2.08%	E	114	77	203	212	5.02%	5.26%	Y	3,130	C	2,601	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	2,659	C	2,928	C	2.61%	1.50%	1.11%	W	55	84	2.16%	1.17%	0.98%	E	69	46	124	130	4.09%	4.31%		2,783	C	3,059	F	Fail	

Table IV-5B: CDMP Long Term (Year 2040) Study Area Roadway Segment LOS Analysis - Combined ADM/Graham PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS						GRAHAM PROJECT TRIPS						COMBINED PROJECT TRIPS					TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	3,221	OUT =	2,110	Dir Analysis		IN =	2,138	OUT =	3,177	Dir Analysis		Dir Analysis		% Adopt LOS		Study Area Link?						
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	PK Hr NB/EB	PK Hr SB/WB	NB/EB	SB/WB		NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	730	1,467	1,530	1,312	D	1,199	D	0.91%	0.36%	0.55%	W	19	29	0.51%	0.03%	0.48%	E	16	11	35	40	2.42%	2.75%		1,347	D	1,240	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	730	1,467	1,530	1,312	D	1,199	D	1.61%	0.67%	0.93%	W	34	52	0.85%	0.35%	0.49%	E	27	18	61	70	4.15%	4.77%		1,373	D	1,269	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	730	1,467	1,530	1,076	D	1,012	D	0.80%	0.27%	0.53%	W	17	26	0.17%	0.01%	0.16%	E	5	4	22	29	1.52%	2.01%		1,098	D	1,041	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	730	1,467	1,530	628	C	853	D	0.50%	0.15%	0.36%	W	11	16	0.03%	0.00%	0.03%	E	1	1	11	17	0.78%	1.14%		640	C	870	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	370	792	792	1,940	F	1,774	F	1.01%	0.41%	0.60%	E	32	21	0.48%	0.09%	0.39%	W	10	15	43	36	5.39%	4.60%	Y	1,982	F	1,810	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	9,925	E	9,859	E	8.03%	4.75%	3.28%	N	259	169	5.29%	2.12%	3.18%	S	113	168	372	338	4.06%	3.69%		10,297	F	10,197	F	Fail	Y
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	11,211	F	11,406	F	7.29%	3.74%	3.55%	N	235	154	4.34%	1.08%	3.27%	S	93	138	328	292	3.58%	3.18%		11,538	F	11,698	F	Fail	Y
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	16,725	F	11,020	E	6.47%	3.19%	3.28%	N	208	137	3.41%	0.52%	2.89%	S	73	108	281	245	2.56%	2.23%		17,006	F	11,265	E	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	2,830	C	3,182	F	3.20%	2.14%	1.06%	E	103	68	2.78%	1.88%	0.89%	W	59	88	163	156	5.38%	5.16%	Y	2,993	D	3,338	F	Fail	Y
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	2,479	C	2,789	C	1.56%	1.16%	0.41%	E	50	33	1.34%	1.03%	0.31%	W	29	42	79	75	2.61%	2.50%		2,558	C	2,864	C	Pass	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	1,350	C	487	C	0.21%	0.10%	0.11%	E	7	4	0.28%	0.10%	0.17%	W	6	9	13	13	0.83%	0.87%		1,363	C	500	C	Pass	
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	1,134	C	1,825	C	7.88%	3.57%	4.31%	E	254	166	0.21%	0.00%	0.21%	W	5	7	259	173	8.56%	5.73%	Y	1,393	C	1,998	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	1,134	C	1,825	C	4.83%	2.21%	2.62%	E	155	102	0.00%	0.00%	0.00%	W	0	0	155	102	5.15%	3.37%	Y	1,290	C	1,926	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	1,134	C	1,825	C	4.71%	2.16%	2.55%	W	99	152	7.79%	2.75%	5.04%	E	248	167	347	318	11.49%	10.54%	Y	1,481	C	2,143	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	2,722	C	2,647	C	3.77%	1.80%	1.97%	W	79	121	6.85%	2.43%	4.42%	E	218	146	297	268	9.84%	8.87%	Y	3,019	D	2,915	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	2,722	C	2,647	C	2.55%	1.19%	1.36%	W	54	82	5.70%	1.98%	3.72%	E	181	122	235	204	7.78%	6.76%	Y	2,957	D	2,851	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,727	C	2,538	C	4.02%	1.81%	2.21%	W	85	129	4.73%	1.89%	2.84%	E	150	101	235	231	7.79%	7.64%	Y	2,962	D	2,769	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,921	C	3,022	F	3.27%	1.56%	1.71%	W	69	105	3.71%	1.57%	2.14%	E	118	79	187	185	6.19%	6.11%	Y	3,108	F	3,207	F	Fail	Y
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,921	C	3,022	F	2.92%	1.41%	1.51%	W	61	94	3.35%	1.49%	1.87%	E	106	72	168	166	5.56%	5.48%	Y	3,089	F	3,188	F	Fail	Y
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,921	C	3,022	F	2.87%	1.39%	1.49%	W	61	92	3.30%	1.46%	1.84%	E	105	71	165	163	5.48%	5.40%	Y	3,086	F	3,185	F	Fail	Y
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	5,025	F	4,321	F	2.40%	1.12%	1.28%	W	51	77	2.75%	1.20%	1.56%	E	87	59	138	136	4.57%	4.51%		5,163	F	4,458	F	Fail	Y
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	1,964	C	2,385	C	0.83%	0.34%	0.49%	W	18	27	0.62%	0.25%	0.37%	E	20	13	37	40	1.37%	1.47%		2,001	C	2,425	C	Pass	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,778	C	2,000	C	0.42%	0.18%	0.23%	W	9	13	0.32%	0.16%	0.16%	E	10	7	19	20	0.53%	0.56%		1,797	C	2,020	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	2,316	C	2,150	C	3.22%	1.15%	2.07%	W	68	104	2.82%	1.19%	1.63%	E	90	60	157	164	5.21%	5.43%	Y	2,473	C	2,314	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	2,408	C	2,603	C	2.01%	0.80%	1.21%	W	42	65	0.63%	0.12%	0.51%	E	20	13	62	78	2.06%	2.59%		2,471	C	2,681	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	2,607	C	1,885	C	0.74%	0.29%	0.45%	W	16	24	0.54%	0.18%	0.36%	E	17	12	33	36	1.21%	1.31%		2,640	C	1,921	C	Pass	
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	2,667	D	1,609	C	0.52%	0.31%	0.21%	W	11	17	0.48%	0.33%	0.15%	E	15	10	26	27	0.96%	0.99%		2,693	D	1,635	C	Pass	

Volume from Model
Diverted Trip Route Segment (Net External Trips Applied)
Fails with total trips but Project % of Adopted LOS does not exceed 5%

Table IV-6A: Zoning Long Term (Year 2040) Study Area Roadway Segment LOS Analysis - Combined ADM/Graham AM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS						GRAHAM PROJECT TRIPS						COMBINED PROJECT TRIPS					TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	558	OUT =	596	Dir Analysis		IN =	3,475	OUT =	1,431	Dir Analysis		Dir Analysis		% Adopt LOS		Study Area Link?						
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	PK Hr NB/EB	PK Hr SB/WB	NB/EB	SB/WB		NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	16,459	F	7,961	D	6.87%	3.72%	3.15%	S	38	41	4.88%	2.58%	2.29%	N	170	70	208	111	2.27%	1.21%		16,667	F	8,071	D	Fail	Y
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	10,920	F	6,518	C	6.81%	3.53%	3.28%	S	38	41	4.88%	2.58%	2.29%	N	170	70	207	110	2.27%	1.21%		11,128	F	6,629	C	Fail	Y
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	13,688	F	10,525	F	8.39%	4.20%	4.19%	S	47	50	7.93%	4.47%	3.46%	N	276	113	322	164	3.52%	1.79%		14,010	F	10,689	F	Fail	Y
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	13,135	F	14,252	F	9.11%	4.64%	4.47%	S	51	54	8.93%	5.11%	3.82%	N	310	128	361	182	3.94%	1.99%		13,497	F	14,434	F	Fail	Y
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	10,870	F	13,789	F	9.56%	4.95%	4.62%	S	53	57	10.56%	6.14%	4.41%	N	367	151	420	208	4.59%	2.27%		11,290	F	13,997	F	Fail	Y
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	9,251	E	14,929	F	10.87%	5.72%	5.15%	S	61	65	12.07%	6.92%	5.15%	N	419	173	480	238	5.24%	2.59%	Y	9,731	E	15,167	F	Fail	Y
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	7,843	D	13,161	F	19.98%	10.47%	9.51%	S	121	110	16.01%	9.71%	6.30%	N	476	309	597	419	6.52%	4.57%	Y	8,440	D	13,580	F	Fail	Y
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	8,478	D	14,226	F	15.97%	8.08%	7.89%	N	95	89	8.68%	6.87%	1.81%	S	337	89	432	178	4.72%	1.94%		8,910	D	14,404	F	Fail	Y
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	4,823	C	7,307	D	16.64%	7.84%	8.80%	E	99	93	13.72%	6.87%	6.85%	W	196	477	296	570	4.03%	7.77%	Y	5,119	C	7,876	E	Fail	
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	8,311	F	8,383	F	11.44%	5.50%	5.94%	E	68	64	10.25%	5.14%	5.11%	W	147	356	215	420	2.93%	5.73%	Y	8,526	F	8,803	F	Fail	Y
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	8,231	F	8,302	F	7.00%	3.16%	3.83%	E	42	39	6.45%	3.07%	3.38%	W	92	224	134	263	1.83%	3.59%		8,365	F	8,565	F	Fail	Y
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	9,169	F	7,551	E	2.88%	1.34%	1.54%	N	17	16	2.84%	1.43%	1.40%	S	41	99	58	115	0.79%	1.57%		9,227	F	7,665	E	Fail	Y
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	9,013	F	8,572	F	3.88%	1.84%	2.04%	N	23	22	2.84%	1.43%	1.40%	S	41	99	64	120	1.16%	2.19%		9,077	F	8,693	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	8,430	F	8,158	E	5.46%	2.63%	2.83%	N	33	30	4.38%	2.21%	2.17%	S	63	152	95	183	1.30%	2.50%		8,525	F	8,341	F	Fail	Y
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	5,580	C	6,303	D	2.54%	1.51%	1.03%	S	14	15	2.07%	1.21%	0.86%	N	72	30	86	45	1.17%	0.61%		5,666	C	6,348	D	Pass	
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	9,440	D	9,045	C	8.04%	4.16%	3.88%	N	48	45	7.96%	3.94%	4.02%	S	114	277	162	322	1.47%	2.93%		9,602	D	9,367	D	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	9,765	D	4,099	B	10.04%	5.16%	4.88%	N	60	56	9.96%	4.94%	5.02%	S	143	346	202	402	1.84%	3.66%		9,967	D	4,501	B	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	7,788	C	8,899	C	12.04%	6.16%	5.88%	N	72	67	11.96%	5.94%	6.02%	S	171	416	243	483	2.21%	4.40%		8,031	C	9,382	D	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	6,943	B	10,088	C	12.04%	6.16%	5.88%	N	72	67	11.96%	5.94%	6.02%	S	171	416	243	483	1.89%	3.75%		7,186	B	10,571	C	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	7,605	B	8,471	C	17.67%	8.62%	9.06%	N	105	99	17.05%	8.03%	9.02%	S	244	592	349	691	2.71%	5.37%	Y	7,954	C	9,163	C	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	8,218	B	11,963	C	25.16%	13.10%	12.06%	N	150	140	22.42%	11.31%	11.10%	S	321	779	471	919	3.00%	5.85%	Y	8,689	B	12,882	C	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	6,096	B	9,335	C	33.89%	20.91%	12.98%	N	241	150	34.66%	18.52%	16.14%	S	908	792	1150	942	8.93%	7.31%	Y	7,246	B	10,276	C	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	10,700	10,980	12,160	4,268	B	8,863	C	21.07%	8.30%	12.76%	S	96	147	23.34%	7.20%	16.14%	N	353	792	449	939	4.09%	8.55%	Y	4,717	B	9,803	C	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	4,268	B	8,863	C	18.33%	8.30%	10.03%	S	96	116	19.61%	7.20%	12.40%	N	353	609	449	724	4.09%	6.60%	Y	4,717	B	9,588	D	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	8,178	C	4,578	B	14.81%	8.09%	6.72%	E	93	78	16.39%	10.20%	6.19%	W	500	304	594	382	5.41%	3.47%	Y	8,772	C	4,960	B	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	3,396	C	1,979	B	3.39%	1.68%	1.70%	E	20	19	4.69%	2.32%	2.36%	W	67	163	87	182	1.59%	3.30%		3,483	C	2,161	B	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	2,813	B	2,010	B	1.98%	0.99%	0.98%	E	12	11	2.90%	1.49%	1.41%	W	42	101	53	112	0.97%	2.03%		2,866	B	2,121	B	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	2,707	B	1,543	B	1.88%	0.97%	0.92%	E	11	10	2.77%	1.45%	1.32%	W	40	96	51	107	0.92%	1.94%		2,758	B	1,650	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,719	1,800	1,800	513	C	429	C	0.09%	0.00%	0.09%	S	0	1	0.00%	0.00%	0.00%	N	0	0	0	1	0.03%	0.03%		514	C	429	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	-	-	NOT 2020 LINK										S																		
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	-	-	NOT 2020 LINK										S																		
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	1,800	192	C	160	C	12.26%	7.19%	5.06%	S	74	80	35.08%	18.90%	16.19%	N	1,244	518	1318	598	73.22%	33.20%	Y	1,510	C	758	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	192	C	160	C	36.77%	21.57%	15.19%	E	270	190	35.08%	18.90%	16.19%	W	949	813	1219	1003	33.65%	27.68%	Y	1,411	C	1,163	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	1,067	C	891	C	34.10%	18.91%	15.19%	E	237	190	35.08%	18.90%	16.19%	W	949	813	1186	1003	32.73%	27.68%	Y	2,253	C	1,894	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	980	C	3,268	F	13.44%	6.30%	7.14%	E	73	82	16.57%	7.58%	8.98%	W	372	441	445	523	18.53%	21.80%	Y	1,425	C	3,792	F	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	980	C	3,268	F	8.52%	3.98%	4.54%	E	51	48	10.60%	4.83%	5.78%	W	152	368	203	416	8.44%	17.33%	Y	1,182	C	3,684	F	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,770	C	1,177	C	7.08%	3.30%	3.78%	E	42	40	8.65%	3.89%	4.76%	W	124	301	166	340	6.92%	14.17%	Y	1,936	C	1,517	C	Pass	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,770	C	1,177	C	4.36%	1.96%	2.40%	E	26	24	5.54%	2.40%	3.14%	W	79	193	105	217	4.39%	9.04%	Y	1,875	C	1,394	C	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,395	C	1,005	C	2.60%	1.14%	1.45%	E	15	14	3.21%	1.30%	1.90%	W	46	111	61	126	2.56%	5.25%	Y	1,456	C	1,131	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	961	C	797	C	1.58%	0.76%	0.83%	E	9	9	1.91%	0.85%	1.05%	W	27	66	37	75	1.01%	2.07%		998	C	872	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	2,718	812	C	973	C	35.87%	18.30%	17.57%	W	229	220	24.30%	11.33%	12.97%	E	569	652	798	872	29.37%	32.07%	Y	1,611	C	1,845	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	2,718	395	C	473	C	36.08%	18.40%	17.67%	E	235	217	24.30%	11.33%	12.97%	W	359	862	594	1079	21.84%	39.69%	Y	988	C	1,552	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	947	F	950	F	0.47%	0.24%	0.22%	E	3	3	0.54%	0.28%	0.26%	W	8	19	11	21	1.56%	3.16%		958	F	971	F	Fail	Y
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	947	F	950	F	0.00%	0.00%	0.00%	E	0	0	0.00%	0.00%	0.00%	W	0	0	0	0	0.00%	0.00%		947	F	950	F	Fail	Y
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	1,106	C	558	C	1.94%	0.91%	1.03%	E	12	11	2.64%	1.18%	1.46%	W	38	92	49	103	2.74%	5.70%	Y	1,155	C	660	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,626	C	1,327	C	0.67%	0.28%	0.40%	E	4	4	0.80%	0.31%	0.50%	W	11	28	16	32	0.86%	1.76%		1,642	C	1,359	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	940	C	893	C	0.42%	0.14%	0.28%	E	3	2	0.51%	0.16%	0.35%	W	7	18	10	20	0.55%	1.12%		950	C	913	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	1,054	D	737	D	0.62%	0.34%	0.28%	E	4	3	0.59%	0.35%	0.24%	W	8	21	12	24	0.71%	1.41%		1,067	D	761	D	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	1,442	D	1,047	D	0.01%	0.01%	0.00%	E	0	0	0.00%	0.00%	0.00%	W	0	0	0	0	0.01%	0.01%		1,442	D	1,047	D	Pass	
878684	NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	1.00	4	E	1,910	2,000	2,000	720	C	986	C	2.66%	1.36%	1.30%	W	15	16	0.09%	0.00%	0.09%	E	3	1	18	17	0.90%	0.86%		738	C	1,004	C	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	E	2,940	3,020	3,020	1,048	C	1,711	C	2.74%	1.36%	1.39%	W	15	16	0.09%	0.00%	0.09%	E	3	1	18	18	0.61%	0.58%		1,066	C	1,729	C	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	E	2,940	3,020	3,020	1,048	C	1,711	C	1.74%	0.77%	0.97%	E	9	11	0.51%	0.25%	0.26%	W	12	13	21	24	0.70%	0.80%		1,069	C	1,735	C	Pass	
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	1,368	C	1,836	C	0.62%	0.15%	0.47%	S	3	4	0.03%	0.02%	0.02%	N	1	0	5	4	0.15%	0.14%		1,372	C	1,840	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	917	C	1,232	C	1.62%	0.68%	0.94%	S	8	11	1.00%	0.31%	0.69%	N	15	34	23	45	1.16%	2.24%		940	C	1,277	C	Pass	
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	597	C	364	C	0.20%	0.10%	0.10%	S	1	1	0.45%	0.30%	0.15%	N	15	7	16	8	2.02%	1.05%		613	C	372	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	597	C	364	C	0.06%	0.04%	0.02%	S	0	0	0.63%	0.50%	0.13%	N	24	7	25	7	3.13%	0.86%		621	C	371	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	597	C	364	C	1.56%	0.83%	0.73%	S	10	8	3.25%	1.98%	1.28%	N	97	63	107	71	5.92%	3.94%	Y	703	C	435	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	597	C	364	C	3.54%	1.82%	1.71%	S	21	20	6.70%	3.70%	3.00%	N	182	147	203	167	25.60%	21.06%	Y	799	F	531	C	Fail	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	1,800	397	C	332	C	39.61%	20.23%	19.39%	S	253	243	6.70%	3.70%	3.00%	N	186	151	439	393	24.41%	21.85%	Y	837	C	725	C	Pass	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	1,800	265	C	221	C	43.22%	22.04%	21.18%	N	276	265	16.19%	7.19%	8.99%	S	361	452	637	717	35.41%	39.83%	Y	902	C	938	C	Pass	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,680	C	1,322	C	4.56%	2.41%	2.14%	S	25	27	5.60%	3.02%	2.57%	N	194	80	220	107	12.21%	5.96%	Y	1,900	F	1,429	C	Fail	
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	750	C	372	C	1.74%	1.01%	0.73%	S	10	10	2.10%	1.24%	0.86%	N	73	30	83	40	4.59%	2.24%		832	C	413	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	1,800	284	C	237	C	13.22%	7.00%	6.22%	W	79	86	16.32%	7.19%	9.13%	E	579	241	658	327	36.58%	18.17%	Y	943	C	564	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	1,800	206	C	172	C	19.92%	7.16%	12.76%	E	90	160	12.36%	5.21%	7.15%	W	262	359	351	519	19.52%	28.83%	Y	557	C	691	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	2,256	C	1,579	C	1.46%	0.07%	1.39%	W	8	9	1.30%	0.05%	1.24%	E	45	19	53	27	1.76%	0.90%		2,310	C	1,606	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	3,451	F	2,388	C	2.10%	0.07%	2.03%	W	12	13	1.86%	0.06%	1.80%	E	65	27	76	39	2.52%	1.29%		3,527	F	2,427	C	Fail	Y
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	4,040	2,772	C	2,296	C	4.26%	1.89%	2.37%	E	25	24	3.62%	1.54%	2.08%	W	52	126	77	150	1.91%	3.70%		2,849	C	2,446	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	2,791	C	2,562	C	2.93%	1.53%	1.39%	E	17	16	2.44%	1.22%	1.22%	W	35	85	52	101	1.73%	3.35%		2,844	C	2,663	C	Pass	

Table IV-6A: Zoning Long Term (Year 2040) Study Area Roadway Segment LOS Analysis - Combined ADM/Graham AM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS						GRAHAM PROJECT TRIPS						COMBINED PROJECT TRIPS					TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	558	OUT =	596	Dir Analysis		IN =	3,475	OUT =	1,431	Dir Analysis		Dir Analysis		% Adopt LOS		Study Area Link?						
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	PK Hr NB/EB	PK Hr SB/WB	NB/EB	SB/WB		NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	657	1,467	1,530	1,176	D	1,124	D	0.89%	0.34%	0.55%	E	5	5	0.14%	-0.15%	0.29%	W	2	5	7	10	0.50%	0.67%		1,183	D	1,134	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	657	1,467	1,530	1,176	D	1,124	D	1.63%	0.67%	0.96%	E	10	9	0.80%	0.37%	0.43%	W	11	28	21	37	1.45%	2.52%		1,197	D	1,161	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	657	1,467	1,530	1,180	D	989	D	0.82%	0.27%	0.55%	E	5	5	0.15%	0.06%	0.09%	W	2	5	7	10	0.48%	0.67%		1,187	D	999	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	657	1,467	1,530	599	C	927	D	0.51%	0.14%	0.36%	E	3	3	0.00%	0.00%	0.00%	W	0	0	3	3	0.21%	0.20%		602	C	929	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	747	792	792	1,739	F	1,662	F	0.99%	0.39%	0.60%	W	6	6	0.10%	0.00%	0.10%	E	4	1	9	7	1.15%	0.93%		1,748	F	1,669	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	9,417	E	7,743	D	8.05%	4.75%	3.30%	S	45	48	8.05%	3.77%	4.28%	N	280	115	325	163	3.55%	1.78%		9,742	E	7,906	D	Fail	Y
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	9,495	E	11,608	F	7.37%	3.77%	3.61%	S	41	44	7.21%	2.52%	4.69%	N	251	103	292	147	3.18%	1.61%		9,787	E	11,755	F	Fail	Y
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	11,903	E	14,362	F	6.54%	3.21%	3.33%	S	36	39	6.01%	1.79%	4.22%	N	209	86	245	125	2.23%	1.14%		12,148	E	14,487	F	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	3,865	F	2,279	C	3.22%	2.13%	1.09%	W	18	19	2.87%	1.94%	0.93%	E	100	41	118	60	3.90%	2.00%		3,983	F	2,339	C	Fail	Y
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	2,991	D	2,354	C	1.63%	1.23%	0.40%	W	9	10	1.43%	1.12%	0.31%	E	50	20	59	30	1.95%	1.00%		3,050	F	2,385	C	Fail	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	359	C	1,816	F	0.20%	0.10%	0.10%	W	1	1	0.27%	0.10%	0.17%	E	9	4	10	5	0.68%	0.33%		369	C	1,821	F	Fail	Y
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	1,599	C	1,234	C	7.81%	3.72%	4.10%	W	44	47	2.88%	0.58%	2.30%	E	100	41	144	88	4.76%	2.91%		1,743	C	1,322	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	1,599	C	1,234	C	5.06%	2.33%	2.74%	W	28	30	2.40%	0.38%	2.02%	E	83	34	112	65	3.70%	2.14%		1,711	C	1,298	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	1,599	C	1,234	C	4.73%	2.17%	2.56%	E	28	26	1.80%	0.04%	1.76%	W	26	63	54	89	1.79%	2.95%		1,653	C	1,323	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	2,395	C	2,512	C	3.84%	1.85%	2.00%	E	23	21	1.85%	0.25%	1.59%	W	26	64	49	86	1.63%	2.83%		2,445	C	2,597	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	2,395	C	2,512	C	2.67%	1.25%	1.42%	E	16	15	1.37%	0.14%	1.23%	W	20	48	36	63	1.18%	2.08%		2,431	C	2,574	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,746	C	2,075	C	4.00%	1.90%	2.10%	E	24	22	2.96%	1.33%	1.63%	W	42	103	66	125	2.19%	4.14%		2,812	C	2,200	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,770	C	2,370	C	3.37%	1.63%	1.75%	E	20	19	2.62%	1.27%	1.35%	W	38	91	58	110	1.91%	3.64%		2,828	C	2,480	C	Pass	
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,770	C	2,370	C	3.02%	1.46%	1.56%	E	18	17	2.47%	1.21%	1.26%	W	35	86	53	103	1.77%	3.40%		2,823	C	2,472	C	Pass	
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,770	C	2,370	C	2.97%	1.44%	1.54%	E	18	17	2.43%	1.19%	1.24%	W	35	84	52	101	1.74%	3.34%		2,822	C	2,471	C	Pass	
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	3,480	F	4,992	F	2.52%	1.19%	1.33%	E	15	14	2.07%	1.01%	1.06%	W	30	72	45	86	1.48%	2.85%		3,525	F	5,078	F	Fail	Y
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	2,716	D	2,239	C	0.86%	0.36%	0.50%	E	5	5	0.66%	0.26%	0.39%	W	9	23	15	28	0.53%	1.02%		2,731	F	2,266	C	Fail	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,599	C	1,533	C	0.45%	0.21%	0.23%	E	3	2	0.34%	0.17%	0.17%	W	5	12	8	14	0.21%	0.40%		1,607	C	1,547	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	2,003	C	1,805	C	3.23%	1.16%	2.07%	E	19	18	2.87%	1.21%	1.66%	W	41	100	60	118	2.00%	3.90%		2,064	C	1,922	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	2,573	C	2,881	C	1.97%	0.79%	1.18%	E	12	11	0.61%	0.09%	0.52%	W	9	21	20	32	0.68%	1.06%		2,593	C	2,913	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	1,770	C	2,890	F	0.77%	0.31%	0.46%	E	5	4	0.62%	0.19%	0.42%	W	9	21	13	26	0.49%	0.95%		1,784	C	2,915	F	Fail	Y
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	1,761	C	2,484	C	0.52%	0.31%	0.22%	E	3	3	0.50%	0.34%	0.16%	W	7	17	10	20	0.38%	0.75%		1,772	C	2,505	C	Pass	

Volume from Model
Diverted Trip Route Segment (Net External Trips Applied)
Fails with total trips but Project % of Adopted LOS does not exceed 5%

Table IV-6B: Zoning Long Term (Year 2040) Study Area Roadway Segment LOS Analysis - Combined ADM/Graham PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS				ADM PROJECT TRIPS		GRAHAM PROJECT TRIPS				GRAHAM PROJECT TRIPS		COMBINED PROJECT TRIPS					TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	3,221	OUT =	2,110	Dir Analysis		IN =	2,138	OUT =	3,177	Dir Analysis		Dir Analysis		% Adopt LOS		Study Area Link?						
										NB/EB (Vol / LOS)			SB/WB (Vol / LOS)																		NB/EB (Vol / LOS)		SB/WB (Vol / LOS)			
							LOS C	LOS D	LOS E					Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	PK Hr NB/EB	PK Hr SB/WB	NB/EB	SB/WB						
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	1.00	6+4	D	7,600	9,160	10,020	9,573	E	14,210	F	6.87%	3.72%	3.15%	N	221	145	4.88%	2.58%	2.29%	S	104	155	326	300	3.55%	3.27%		9,898	E	14,510	F	Fail	Y
972526		SR 836	NW 12th Street	0.56	6+4	D	7,600	9,160	10,020	7,515	C	9,899	E	6.81%	3.53%	3.28%	N	219	144	4.88%	2.58%	2.29%	S	104	155	324	299	3.53%	3.26%		7,839	D	10,197	F	Fail	Y
972230		NW 12th Street	NW 41th Street	2.02	6+4	D	7,600	9,160	10,020	11,090	F	15,698	F	8.39%	4.20%	4.19%	N	270	177	7.93%	4.47%	3.46%	S	170	252	440	429	4.80%	4.68%		11,530	F	16,127	F	Fail	Y
972269		NW 41th Street	NW 74th Street	1.99	6+4	D	7,600	9,160	10,020	13,670	F	15,029	F	9.11%	4.64%	4.47%	N	294	192	8.93%	5.11%	3.82%	S	191	284	484	476	5.29%	5.20%	Y	14,154	F	15,505	F	Fail	Y
972268		NW 74th Street	NW 106th Street	2.02	6+4	D	7,600	9,160	10,020	13,667	F	12,038	F	9.56%	4.95%	4.62%	N	308	202	10.56%	6.14%	4.41%	S	226	335	534	537	5.83%	5.86%	Y	14,201	F	12,575	F	Fail	Y
972272		NW 106th Street	US 27/ Okeechobee Rd	2.45	6+4	D	7,600	9,160	10,020	15,370	F	10,132	F	10.87%	5.72%	5.15%	N	350	229	12.07%	6.92%	5.15%	S	258	383	608	613	6.64%	6.69%	Y	15,978	F	10,745	F	Fail	Y
972248		US 27/ Okeechobee Rd	NW 170th St	2.00	6+4	D	7,600	9,160	10,020	13,116	F	8,714	D	19.98%	10.47%	9.51%	N	558	507	16.01%	9.71%	6.30%	S	516	335	1074	842	11.73%	9.19%	Y	14,190	F	9,556	E	Fail	Y
972248		NW 170th St	Interstate 75	2.10	6+4	D	7,600	9,160	10,020	14,178	F	9,420	E	15.97%	8.08%	7.89%	S	337	514	8.68%	6.87%	1.81%	N	365	96	702	611	7.66%	6.67%	Y	14,880	F	10,030	F	Fail	Y
972285		Interstate 75	CR 823/Red Rd	4.10	6+2	D	6,090	7,330	8,050	7,665	E	5,611	C	16.64%	7.84%	8.80%	W	351	536	13.72%	6.87%	6.85%	E	436	293	787	829	10.74%	11.32%	Y	8,452	F	6,441	D	Fail	Y
971996		CR 823/Red Rd	CR 817/NW 27th Ave	3.00	6+2	D	6,090	7,330	8,050	8,598	F	8,359	F	11.44%	5.50%	5.94%	W	241	369	10.25%	5.14%	5.11%	E	326	219	567	588	7.73%	8.02%	Y	9,165	F	8,946	F	Fail	Y
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	1.05	6+2	D	6,090	7,330	8,050	8,515	F	8,278	F	7.00%	3.16%	3.83%	W	148	225	6.45%	3.07%	3.38%	E	205	138	353	363	4.81%	4.96%		8,867	F	8,641	F	Fail	Y
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	1.27	8	D	6,080	7,320	8,220	8,525	F	7,895	E	2.88%	1.34%	1.54%	S	61	93	2.84%	1.43%	1.40%	N	90	61	151	153	2.06%	2.10%		8,675	F	8,049	E	Fail	Y
971902		Griffin Rd	Pines Blvd	3.84	6	D	4,580	5,500	6,080	8,223	F	8,998	F	3.88%	1.84%	2.04%	S	82	125	2.84%	1.43%	1.40%	N	90	61	172	186	3.13%	3.37%		8,395	F	9,184	F	Fail	Y
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	2.91	8	D	6,080	7,320	8,220	8,525	F	8,445	F	5.46%	2.63%	2.83%	S	115	176	4.38%	2.21%	2.17%	N	139	94	254	270	3.48%	3.68%		8,780	F	8,715	F	Fail	Y
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	0.92	8	D	6,080	7,320	8,220	7,403	E	6,303	D	2.54%	1.51%	1.03%	N	82	54	2.07%	1.21%	0.86%	S	44	66	126	119	1.72%	1.63%		7,529	E	6,422	D	Fail	Y
862005	Interstate 75	I-595	Royal Palm Blvd	2.50	8+4	D	9,100	10,980	12,160	9,979	D	9,499	D	8.04%	4.16%	3.88%	S	170	259	7.96%	3.94%	4.02%	N	253	170	423	429	3.85%	3.91%		10,401	D	9,928	D	Pass	
862004		Royal Palm Blvd	Griffin Rd	1.82	8+4	D	9,100	10,980	12,160	8,799	C	7,884	C	10.04%	5.16%	4.88%	S	212	323	9.96%	4.94%	5.02%	N	317	213	528	536	4.81%	4.88%		9,328	D	8,420	C	Pass	
862003		Griffin Rd	Sheridan St	2.28	8+4	D	9,100	10,980	12,160	6,422	B	5,831	B	12.04%	6.16%	5.88%	S	254	388	11.96%	5.94%	6.02%	N	380	256	634	644	5.77%	5.86%	Y	7,056	C	6,474	B	Pass	
862002		Sheridan St	Pines Blvd	1.67	10+4	D	10,700	12,880	14,300	8,602	C	7,942	C	12.04%	6.16%	5.88%	S	254	388	11.96%	5.94%	6.02%	N	380	256	634	644	4.92%	5.00%		9,236	C	8,585	C	Pass	
862001		Pines Blvd	Miramar Pkwy/ S 33rd St	2.25	10+4	D	10,700	12,880	14,300	9,605	C	6,530	B	17.67%	8.62%	9.06%	S	373	569	17.05%	8.03%	9.02%	N	542	365	914	934	7.10%	7.25%	Y	10,520	C	7,464	B	Pass	
860362		Miramar Pkwy/ S 33rd St	Florida's Turnpike	2.10	12+4	D	13,340	15,720	16,440	9,959	B	7,677	B	25.16%	13.10%	12.06%	S	531	810	22.42%	11.31%	11.10%	N	712	479	1243	1290	7.91%	8.20%	Y	11,202	C	8,967	B	Pass	
872503		Florida's Turnpike	Miami Gardens Dr/NW 186 St	0.40	10+4	D	10,700	12,880	14,300	8,514	C	5,736	B	33.89%	20.91%	12.98%	S	1,115	692	34.66%	18.52%	16.14%	N	984	858	2099	1550	16.30%	12.03%	Y	10,613	C	7,285	B	Pass	
872501		Miami Gardens Dr/NW 186 St	NW 178th St	0.50	8+4	D	10,700	10,980	12,160	9,069	C	5,108	B	21.07%	8.30%	12.76%	N	442	680	23.34%	7.20%	16.14%	S	383	858	825	1538	7.52%	14.01%	Y	9,894	C	6,647	B	Pass	
872501		NW 178th St	NW 138th Street	2.70	8+4	D	9,100	10,980	12,160	9,069	C	5,108	B	18.33%	8.30%	10.03%	N	442	535	19.61%	7.20%	12.40%	S	383	659	825	1194	7.52%	10.87%	Y	9,894	D	6,302	B	Pass	
872500		NW 138th Street	SR 826	1.30	8+4	D	9,100	10,980	12,160	4,709	B	8,201	C	14.81%	8.09%	6.72%	W	431	358	16.39%	10.20%	6.19%	E	542	329	973	688	8.86%	6.26%	Y	5,682	B	8,889	C	Pass	
872511	SR 924/Gratigny Pkwy	SR 826	NW 57th Ave (Red Road)	2.06	6	D	4,580	5,500	6,080	1,753	B	3,643	C	3.39%	1.68%	1.70%	W	71	109	4.69%	2.32%	2.36%	E	149	100	220	209	4.01%	3.81%		1,973	B	3,852	C	Pass	
872512		NW 57th Ave (Red Road)	Douglas(Le Jeune Connector)	2.06	6	D	4,580	5,500	6,080	3,161	B	3,920	C	1.98%	0.99%	0.98%	W	42	64	2.90%	1.49%	1.41%	E	92	62	134	126	2.44%	2.29%		3,295	B	4,046	C	Pass	
872510		Douglas(Le Jeune Connector)	NW 32nd Ave	0.64	6	D	4,580	5,500	6,080	1,926	B	2,496	B	1.88%	0.97%	0.92%	W	40	61	2.77%	1.45%	1.32%	E	88	59	128	120	2.32%	2.18%		2,053	B	2,615	B	Pass	
n/a	NW 107th Ave	US 27/ Okeechobee Rd	NW 138th St	0.50	4	D	1,719	1,800	1,800	429	C	513	C	0.09%	0.00%	0.09%	N	3	2	0.00%	0.00%	0.00%	S	0	0	3	2	0.15%	0.10%		431	C	515	C	Pass	
n/a		NW 138th St	NW 170th St	2.02	-	-	OT 2020 ROADWAY LIN																												
n/a	NW 102nd Ave	NW 170th St	NW 178th St	0.50	-	-	OT 2020 ROADWAY LIN																												
n/a		NW 178th St	ADM Project Access Rd	0.50	New 4	D	1,719	1,800	1,800	160	C	192	C	12.26%	7.19%	5.06%	N	425	284	35.08%	18.90%	16.19%	S	827	1,198	1253	1481	69.59%	82.29%	Y	1,413	C	1,673	C	Pass	
n/a	Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Western Ramps	0.50	New 6	E	3,528	3,624	3,624	160	C	192	C	36.77%	21.57%	15.19%	W	1,248	879	35.08%	18.90%	16.19%	E	1,091	934	2339	1813	64.53%	50.03%	Y	2,499	C	2,005	C	Pass	
n/a		Interstate 75 Western Ramps	Interstate 75 Eastern Ramps	0.80	New 6	E	3,528	3,624	3,624	891	C	1,067	C	34.10%	18.91%	15.19%	W	1,094	879	35.08%	18.90%	16.19%	E	1,091	934	2185	1813	60.28%	50.03%	Y	3,076	C	2,880	C	Pass	
872518		Interstate 75 Eastern Ramps	NW 87th Ave	0.20	4	E	2,292	2,400	2,400	3,113	F	1,357	C	13.44%	6.30%	7.14%	W	336	380	16.57%	7.58%	8.98%	E	403	478	739	858	30.78%	35.75%	Y	3,852	F	2,215	C	Fail	Y
872518		NW 87th Ave	NW 82nd Ave	0.50	4	E	2,292	2,400	2,400	3,113	F	1,357	C	8.52%	3.98%	4.54%	W	180	274	10.60%	4.83%	5.78%	E	337	227	517	501	21.52%	20.87%	Y	3,629	F	1,858	C	Fail	Y
872517		NW 82nd Ave	NW 77nd Ave	0.60	4	E	2,292	2,400	2,400	1,770	C	2,104	C	7.08%	3.30%	3.78%	W	149	228	8.65%	3.89%	4.76%	E	275	185	424	413	17.68%	17.21%	Y	2,194	C	2,517	F	Fail	
872517		NW 77nd Ave	NW 67nd Ave	1.10	4	E	2,292	2,400	2,400	1,770	C	2,104	C	4.36%	1.96%	2.40%	W	92	140	5.54%	2.40%	3.14%	E	176	119	268	259	11.17%	10.78%	Y	2,038	C	2,363	D	Pass	
872516		NW 67nd Ave	NW 57nd Ave	0.90	4	E	2,292	2,400	2,400	1,564	C	1,832	C	2.60%	1.14%	1.45%	W	55	84	3.21%	1.30%	1.90%	E	102	69	157	152	6.53%	6.34%	Y	1,721	C	1,985	C	Pass	
871233		NW 57th Ave	NW 47th Ave	1.02	6	E	3,528	3,624	3,624	1,032	C	1,162	C	1.58%	0.76%	0.83%	W	33	51	1.91%	0.85%	1.05%	E	61	41	94	92	2.59%	2.53%		1,126	C	1,254	C	Pass	
n.a	NW 170th St	Florida Turnpike	NW 102 Ave/NW 107 Ave	0.57	New 6	D	2,646	2,718	2,718	973	C	812	C	35.87%	18.30%	17.57%	E	1,058	1,016	24.30%	11.33%	12.97%	W	654	749	1712	1765	63.00%	64.94%	Y	2,685	D	2,577	C	Pass	
n./a		NW 102 Ave/NW 107 Ave	NW 97th Ave	0.50	New 6	D	2,646	2,718	2,718	473	C	395	C	36.08%	18.40%	17.67%	W	835	1,252	24.30%	11.33%	12.97%	E	830	573	1664	1825	61.23%	67.15%	Y	2,137	C	2,220	C	Pass	
878177		NW 87th Ave	NW 82nd Ave	0.50	2	D	333	675	720	569	D	463	D	0.47%	0.24%	0.22%	W	10	15	0.54%	0.28%	0.26%	E	17	12	27	27	4.00%	3.94%		596	D	489	D	Pass	
9552		NW 82nd Ave	NW 78th Ave	0.50	2	D	333	675	720	569	D	463	D	0.00%	0.00%	0.00%	W	0	0	0.00%	0.00%	0.00%	E	0	0	0	0	0.00%	0.00%		569	D	463	D	Pass	
9550	NW 169th St	NW 77th Ct	NW 67th Ave	1.02	4	D	1,719	1,800	1,800	555	C	625	C	1.94%	0.91%	1.03%	W	41	63	2.64%	1.18%	1.46%	E	84	56	125	119	6.94%	6.61%	Y	680	C	744	C	Pass	
877037	NW 154th St	NW 87th Ave	NW 82nd Ave	0.50	4	D	1,719	1,800	1,800	1,263	C	1,235	C	0.67%	0.28%	0.40%	W	14	22	0.80%	0.31%	0.50%	E	26	17	40	39	2.21%	2.16%		1,303	C	1,274	C	Pass	
877037		NW 82nd Ave	SR 826	0.50	4	D	1,719	1,800	1,800	1,282	C	1,532	C	0.42%	0.14%	0.28%	W	9	14	0.51%	0.16%	0.35%	E	16	11	25	25	1.40%	1.37%		1,307	C	1,556	C	Pass	
878673		SR 826	NW 67th Ave	1.19	4	E	730	1,630	1,700	836	D	846	D	0.62%	0.34%	0.28%	W	13	20	0.59%	0.35%	0.24%	E	19	13	32	33	1.87%	1.92%		868	D	879	D	Pass	
9256		NW 67th Ave	NW 57th Ave (Red Road)	1.08	4	E	730	1,630	1,700	1,328	D	1,102	D	0.01%	0.01%	0.00%	W	0	0	0.00%	0.00%	0.00%	E	0	0	0	0	0.02%	0.02%		1,328	D	1,103	D	Pass	
878684	NW 138th St	US 27/ Okeechobee Rd	NW 107th Ave	1.00	4	E	1,910	2,000	2,000	1,068	C	903	C	2.66%	1.36%	1.30%	E	86	56	0.09%	0.00%	0.09%	W	2	3	87	59	4.37%	2.94%		1,156	C	962	C	Pass	
877048		NW 107th Ave	NW 97th Ave	1.00	6	E	2,940	3,020	3,020	1,532	C	1,236	C	2.74%	1.36%	1.39%	E	88	58	0.09%	0.00%	0.09%	W	2	3	90	61	2.99%	2.01%		1,622	C	1,297	C	Pass	
877048		NW 97th Ave	Hialeah Gardens Blvd	0.30	6	E	2,940	3,020	3,020	1,532	C	1,236	C	1.74%	0.77%	0.97%	W	41	52	0.51%	0.25%	0.26%	E	13	14	54	66	1.79%	2.17%		1,585	C	1,302	C	Pass	
877065	Hialeah Gardens Blvd	NW 106th Terrace	US 27/ Okeechobee Rd	0.78	6	E	2,940	3,020	3,020	2,309	C	1,764	C	0.62%	0.15%	0.47%	N	20	13	0.03%	0.02%	0.02%	S	1	1	21	14	0.69%	0.47%		2,330	C	1,778	C	Pass	
878620		US 27/ Okeechobee Rd	NW 138th St	1.45	4	E	1,910	2,000	2,000	1,333	C	1,151	C	1.62%	0.68%	0.94%	N	36	50	1.00%	0.31%	0.69%	S	17	37	53	87	2.64%	4.34%		1,386	C	1,238	C	Pass	
878243	NW 97th Ave	NW 122nd St	NW 130th St	0.50	2	D	747	792	792	639	C	548	C	0.20%	0.10%	0.10%	N	5	5	0.45%	0.30%	0.15%	S	16	8	21	13	2.71%	1.66%		660	C	561	C	Pass	
878243		NW 130th St	NW 138th St	0.50	2	D	747	792	792	639	C	548	C	0.06%	0.04%	0.02%	N	2	1	0.63%	0.50%	0.13%	S	26	7	28	8	3.59%	1.05%		667	C	556	C	Pass	
878243		NW 138th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	639	C	548	C	1.56%	0.83%	0.73%	N	44	39	3.25%	1.98%	1.28%	S	105	68	149	107	8.30%	5.92%	Y	788	C	655	C	Pass	
878243		NW 154th St	NW 170th St	1.00	2	D	747	792	792	639	C	548	C	3.54%	1.82%	1.71%	N	97	91	6.70%	3.70%	3.00%	S	197	159	294	251	37.13%	31.64%	Y	933	F	799	F	Fail	
n/a		NW 170th St	Graham Access	0.25	New 4	D	1,719	1,800	1,800	332	C	397	C	39.61%	20.23%	19.39%	N	1,170	1,121	6.70%	3.70%	3.00%	S	214	173	1384	1294	76.88%	71.91%	Y	1,716	C	1,692	C	Pass	
n/a		Graham Access	NW 178th St	0.25	New 4	D	1,719	1,800	1,800	221	C	265	C	43.22%	22.04%	21.18%	S	1,275	1,225	16.19%	7.19%	8.99%	N	415	519	1690	1744	93.90%	96.88%	Y	1,911	F	2,008	F	Fail	
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	1.00	4	D	1,719	1,800	1,800	1,856	F	2,228	F	4.56%	2.41%	2.14%	N	147	96	5.60%	3.02%	2.57%	S	120	178	266	274	14.80%	15.22%	Y	2,122	F	2,502	F	Fail	Y
878112		NW 170th St	NW 154th St	1.00	4	D	1,719	1,800	1,800	243	C	388	C	1.74%	1.01%	0.73%	N	56	37	2.10%	1.24%	0.86%	S	45	67	101	103	5.60%	5.74%	Y	344	C	491	C	Pass	
n/a	NW178th St	Graham Access	NW 97th Ave	0.46	New 4	D	1,719	1,800	1,800	237	C	284	C	13.22%	7.00%	6.22%	E	459	306	16.32%	7.19%	9.13%	W	385	557	844	863	46.88%	47.95%	Y	1,081	C	1,147	C	Pass	
n/a		NW 97th Ave	Iinterstate 75	0.46	New 4	D	1,719	1,800	1,800	172	C	206	C	19.92%	7.16%	12.76%	W	414	738	12.36%	5.21%	7.15%	E	301	413	715	1151	39.71%	63.94%	Y	886	C	1,357	C	Pass	
869688	Miramar Pkwy	SW 172nd Ave	SW 160th Ave	0.99	6	D	2,940	3,020	3,020	1,950	C	2,706	C	1.46%	0.07%	1.39%	E	47	31	1.30%	0.05%	1.24%	W	28	41	75	72	2.47%	2.38%		2,024	C	2,778	C	Pass	
n/a		SW 160th Ave	Interstate 75	0.50	6	D	2,940	3,020	3,020	3,573	F	4,177	F	2.10%	0.07%	2.03%	E	68	44	1.86%	0.06%	1.80%	W	40	59	107	103	3.55%	3.42%		3,681	F	4,280	F	Fail	Y
n/a		Interstate 75	SW 148th Ave	0.48	8	D	3,970	4,040	4,040	2,927	C	2,388	C	4.26%	1.89%	2.37%	W	90	137	3.62%	1.54%	2.08%	E	115	77	205	215	5.07%	5.31%	Y	3,132	C	2,603	C	Pass	
867326		SW 148th Ave	Flamingo Rd	2.03	6	D	2,940	3,020	3,020	2,659	C	2,928	C	2.93%	1.53%	1.39%	W	62	94	2.44%	1.22%	1.22%	E	78	52	139	146	4.61%	4.85%		2,798	C	3,075	F	Fail	

Table IV-6B: Zoning Long Term (Year 2040) Study Area Roadway Segment LOS Analysis - Combined ADM/Graham PM Impacts

STA ID	Roadway	From	To	Length (mi)	No. of Lanes CF + Proposed	Adopted LOS	Peak Hour Peak Dir Service Vol			BACKGROUND TRIPS				ADM PROJECT TRIPS				ADM PROJECT TRIPS		GRAHAM PROJECT TRIPS				GRAHAM PROJECT TRIPS		COMBINED PROJECT TRIPS					TOTAL TRIPS					
										Peak Hour Peak Dir Analysis				IN =	3,221	OUT =	2,110	Dir Analysis		IN =	2,138	OUT =	3,177	Dir Analysis		Dir Analysis		% Adopt LOS		Study Area Link?						
							LOS C	LOS D	LOS E	NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	Daily PD	Daily PD NB/EB	Daily PD SB/WB	Project Peak Dir	PK Hr Trips NB/EB	PK Hr Trips SB/WB	PK Hr NB/EB	PK Hr SB/WB	NB/EB	SB/WB		NB/EB (Vol / LOS)		SB/WB (Vol / LOS)		Pass/ Fail	Backlog Facility
877076	NW 122nd St	NW 97th Ave	Hialeah Gardens Blvd	0.23	4	D	657	1,467	1,530	1,312	D	1,199	D	0.89%	0.34%	0.55%	W	19	29	0.14%	-0.15%	0.29%	E	4	3	23	32	1.58%	2.16%		1,335	D	1,231	D	Pass	
877076		Hialeah Gardens Blvd	NW 89th Ave	0.27	4	D	657	1,467	1,530	1,312	D	1,199	D	1.63%	0.67%	0.96%	W	34	53	0.80%	0.37%	0.43%	E	25	17	60	70	4.08%	4.75%		1,372	D	1,269	D	Pass	
878193		NW 89th Ave	NW 87th Ave	0.49	4	D	657	1,467	1,530	1,076	D	1,012	D	0.82%	0.27%	0.55%	W	17	26	0.15%	0.06%	0.09%	E	5	3	22	30	1.50%	2.02%		1,098	D	1,042	D	Pass	
877041		NW 87th Ave	SR 826	0.99	4	D	657	1,467	1,530	628	C	853	D	0.51%	0.14%	0.36%	W	11	16	0.00%	0.00%	0.00%	E	0	0	11	16	0.73%	1.12%		639	C	869	D	Pass	
877076		N Okeechobee Rd	NW 97th Ave	0.43	2	D	747	792	792	1,940	F	1,774	F	0.99%	0.39%	0.60%	E	32	21	0.10%	0.00%	0.10%	W	2	3	34	24	4.31%	3.05%		1,974	F	1,798	F	Fail	Y
870575	SR 826	I-75	NW 122nd St	1.13	6+4	D	7,600	9,160	10,020	9,925	E	9,859	E	8.05%	4.75%	3.30%	N	259	170	8.05%	3.77%	4.28%	S	172	256	432	426	4.71%	4.65%		10,356	F	10,285	F	Fail	Y
870574		NW 122nd St	NW 103rd St	1.20	6+4	D	7,600	9,160	10,020	11,211	F	11,406	F	7.37%	3.77%	3.61%	N	238	156	7.21%	2.52%	4.69%	S	154	229	392	385	4.28%	4.20%		11,602	F	11,791	F	Fail	Y
870553		NW 103rd St	N Okeechobee Rd	0.87	8+4	D	9,100	10,980	12,160	16,725	F	11,020	E	6.54%	3.21%	3.33%	N	211	138	6.01%	1.79%	4.22%	S	128	191	339	329	3.09%	2.99%		17,064	F	11,349	E	Fail	Y
860088	Pines Blvd	I-75	SW 160th Ave	0.58	6	D	2,940	3,020	3,020	2,830	C	3,182	F	3.22%	2.13%	1.09%	E	104	68	2.87%	1.94%	0.93%	W	61	91	165	159	5.46%	5.27%	Y	2,995	D	3,341	F	Fail	Y
860087		SW 160th Ave	SW 172th Ave	1.00	6	D	2,940	3,020	3,020	2,479	C	2,789	C	1.63%	1.23%	0.40%	E	52	34	1.43%	1.12%	0.31%	W	31	45	83	80	2.75%	2.64%		2,562	C	2,869	C	Pass	
870585	Okeechobee Rd	NW 154th St	Florida's Turnpike	1.31	4	C	1,530	1,580	1,580	1,350	C	487	C	0.20%	0.10%	0.10%	E	6	4	0.27%	0.10%	0.17%	W	6	9	12	13	0.79%	0.83%		1,363	C	500	C	Pass	
872536		Florida's Turnpike	NW 138th St	0.51	6	D	2,940	3,020	3,020	1,134	C	1,825	C	7.81%	3.72%	4.10%	E	252	165	2.88%	0.58%	2.30%	W	62	92	313	256	10.37%	8.49%	Y	1,448	C	2,081	C	Pass	
872536		NW 138th St	NW 107th Ave	0.56	6	D	2,940	3,020	3,020	1,134	C	1,825	C	5.06%	2.33%	2.74%	E	163	107	2.40%	0.38%	2.02%	W	51	76	214	183	7.10%	6.06%	Y	1,349	C	2,008	C	Pass	
872536		NW 107th Ave	Hialeah Gardens Blvd	1.27	6	D	2,940	3,020	3,020	1,134	C	1,825	C	4.73%	2.17%	2.56%	W	100	152	1.80%	0.04%	1.76%	E	57	39	157	191	5.20%	6.32%	Y	1,291	C	2,015	C	Pass	
870109		Hialeah Gardens Blvd	NW 103rd St	1.31	6	D	2,940	3,020	3,020	2,722	C	2,647	C	3.84%	1.85%	2.00%	W	81	124	1.85%	0.25%	1.59%	E	59	39	140	163	4.63%	5.41%	Y	2,862	C	2,810	C	Pass	
870109		NW 103rd St	SR 826	1.41	6	D	2,940	3,020	3,020	2,722	C	2,647	C	2.67%	1.25%	1.42%	W	56	86	1.37%	0.14%	1.23%	E	44	29	100	115	3.31%	3.82%		2,822	C	2,763	C	Pass	
870528		SR 826	W 16th Ave (Milam Dairy Rd)	0.66	6	E	2,940	3,020	3,020	2,727	C	2,538	C	4.00%	1.90%	2.10%	W	84	129	2.96%	1.33%	1.63%	E	94	63	178	192	5.91%	6.36%	Y	2,905	C	2,730	C	Pass	
875252		W 16th Ave (Milam Dairy Rd)	Hialeah Expy	0.80	6	E	2,940	3,020	3,020	2,921	C	3,022	F	3.37%	1.63%	1.75%	W	71	109	2.62%	1.27%	1.35%	E	83	56	154	165	5.11%	5.45%	Y	3,075	F	3,187	F	Fail	Y
875252		Hialeah Expy	NW 57th Ave (Red Road)	1.18	6	E	2,940	3,020	3,020	2,921	C	3,022	F	3.02%	1.46%	1.56%	W	64	97	2.47%	1.21%	1.26%	E	78	53	142	150	4.70%	4.96%		3,063	F	3,172	F	Fail	Y
875252		NW 57th Ave (Red Road)	Hialeah Dr	0.77	6	E	2,940	3,020	3,020	2,921	C	3,022	F	2.97%	1.44%	1.54%	W	63	96	2.43%	1.19%	1.24%	E	77	52	140	148	4.63%	4.89%		3,061	F	3,170	F	Fail	Y
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	1.28	6	E	2,940	3,020	3,020	5,025	F	4,321	F	2.52%	1.19%	1.33%	W	53	81	2.07%	1.01%	1.06%	E	66	44	119	126	3.94%	4.16%		5,144	F	4,447	F	Fail	Y
860494	SW 67th Ave/Flamingo	NW 191st St	Miami Gardens Dr/NW 186 St	0.33	6	D	2,646	2,718	2,718	1,964	C	2,385	C	0.86%	0.36%	0.50%	W	18	28	0.66%	0.26%	0.39%	E	21	14	39	42	1.43%	1.53%		2,003	C	2,426	C	Pass	
877036		Miami Gardens Dr/NW 186 St	NW 173rd Dr	0.88	6	E	3,528	3,624	3,624	1,778	C	2,000	C	0.45%	0.21%	0.23%	W	9	14	0.34%	0.17%	0.17%	E	11	7	20	22	0.56%	0.60%		1,798	C	2,022	C	Pass	
865216	SW 57th Ave/Red Rd	Miramar Pkwy/ S 33rd St	Florida's Turnpike/HEFT/SR 821	0.54	6	E	2,940	3,020	3,020	2,316	C	2,150	C	3.23%	1.16%	2.07%	W	68	104	2.87%	1.21%	1.66%	E	91	61	159	165	5.27%	5.48%	Y	2,475	C	2,315	C	Pass	
872515		Florida's Turnpike/HEFT/SR 821	NW 202nd St	0.97	6	E	2,940	3,020	3,020	2,408	C	2,603	C	1.97%	0.79%	1.18%	W	41	63	0.61%	0.09%	0.52%	E	19	13	61	76	2.01%	2.53%		2,469	C	2,679	C	Pass	
872514		NW 202nd St	Miami Gardens Dr/NW 186 St	1.22	6	D	2,646	2,718	2,718	2,607	C	1,885	C	0.77%	0.31%	0.46%	W	16	25	0.62%	0.19%	0.42%	E	20	13	36	38	1.32%	1.40%		2,643	C	1,923	C	Pass	
871190		Miami Gardens Dr/NW 186 St	NW 177th St	0.31	6	D	2,646	2,718	2,718	2,667	D	1,609	C	0.52%	0.31%	0.22%	W	11	17	0.50%	0.34%	0.16%	E	16	11	27	28	0.99%	1.02%		2,694	D	1,636	C	Pass	

Volume from Model

Diverted Trip Route Segment (Net External Trips Applied)

Fails with total trips but Project % of Adopted LOS does not exceed 5%

5.2 Year 2040 Zoning Intersection LOS

The development of the Year 2040 Zoning TMVs are referenced in **Appendix I-K** and includes the before mentioned incorporation of percent project distributions, for each the ADM and the Graham (both project trips), and the balancing of trips to ensure that inbound and outbound approach volumes were reasonable.

Once again, the background TMVs were analyzed using the Synchro software as were the total with project trips. **Table IV-7** shows the resulting Total with Combined LOS operational findings for the Year 2040 Zoning AM and PM analyses and include the results of the implementing lane configuration mitigations to address congestion at needed intersections (see **Appendix IV-D** and **Appendix IV-E** for descriptions on the mitigation needs and responsibilities). The background LOS Synchro analyses printouts are provided in **Appendix I-P**. The LOS Synchro Combined ADM/Graham Project Trip analysis HCM 2010 printouts are provided in **Appendix IV-C** for year 2420. A detailed summary of the deficiencies and mitigations are provided in the section titled Mitigation Summary at the end of this Chapter.

6.0 MITIGATION SUMMARY

There are two categories of roadway improvements applicable to the Combined ADM and Graham analyses. First, there are those roadway improvements which were assumed to be in place for the various analyses presented in this Chapter (e.g. baseline improvements). Second, there are those improvements identified in this report to meet acceptable LOS based on forecast traffic.

Baseline Roadway Improvements

A summary of the roadway projects proposed as part of the study area roadway improvement plan for American Dream Miami and the Graham Project were originally presented in Chapter I as part of **Tables I-11** and **I-12** and reflects those improvements that are baseline for the two projects, prior to reviewing additional mitigation needs. The tables are presented here so as to highlight that they are part of the improvements in place by respectively years 2020 and 2040. The tables are indicated as **Tables IV-8** and **IV-9**. For the Year 2020 Planned Improvements, notes are included regarding the timelines and agencies that will be coordinated with for these projects, along with whether the projects are included in the Miami-Dade County Cost Feasible Plan.

Table VI-7: Zoning Long Term (Year 2040) Background and Combined Intersection LOS Analysis

Intersection ID	Intersection	Background only 2040 (Without Mitigation)				Background only 2040 (With Mitigation)				Total 2040 (Without Mitigation)				Total 2040 (With Mitigation)			
		AM		PM		AM		PM		AM		PM		AM		PM	
		LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay
1	NW 87th Ave Miami Gardens Dr	F	345.10	F	227.60	F	207.40	F	118.40	F	506.80	F	380.00	F	299.50	F	215.80
2	NW 82nd Ave Miami Gardens Dr	F	119.10	F	110.80	E	55.80	D	46.40	F	169.00	F	185.10	D	54.70	D	46.30
3	NW 79th Ave Miami Gardens Dr	F	173.60	D	41.10	C	32.30	C	29.20	F	233.50	E	67.00	D	42.70	D	41.80
4	W Oakmont Dr Miami Gardens Dr	C	22.00	D	45.00	B	12.80	C	29.10	C	26.10	D	51.80	B	17.00	C	34.60
5	NW 75th Ave Miami Gardens Dr	F	122.40	E	70.50	D	47.70	D	41.00	F	123.30	F	89.30	D	43.90	D	40.00
6	NW 73th Ave Miami Gardens Dr	C	20.70	C	33.10	B	17.40	C	24.10	C	25.40	C	33.40	B	17.30	C	30.40
7	NW 68th Ave Miami Gardens Dr	D	44.40	C	34.40	E	57.80	D	36.20	D	54.30	D	47.10	D	52.80	D	47.30
8	Bobolink Dr Miami Gardens Dr	F	217.40	F	273.10	F	217.30	F	139.40	F	260.90	F	348.50	F	260.90	F	201.90
9	NW 67th Ave Miami Gardens Dr	E	76.10	F	124.10	D	54.90	F	104.10	F	83.90	F	144.80	E	58.80	F	125.90
10	NW 62nd Ave Miami Gardens Dr	F	311.20	F	118.60	F	207.10	E	55.10	F	289.90	F	115.30	F	183.50	E	56.00

Table VI-7: Zoning Long Term (Year 2040) Background and Combined Intersection LOS Analysis

Intersection ID	Intersection	Background only 2040 (Without Mitigation)				Background only 2040 (With Mitigation)				Total 2040 (Without Mitigation)				Total 2040 (With Mitigation)			
		AM		PM		AM		PM		AM		PM		AM		PM	
		LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay
11	SR823/ Red Rd Miami Gardens Dr	F	107.50	F	115.70	F	82.60	F	106.40	F	105.60	F	123.50	F	83.80	F	123.50
12	NW 97th Ave/ W 36th Ave NW 138th St/ W 84th St	F	110.70	F	174.60	F	109.70	F	174.60	F	116.10	F	171.50	F	115.30	F	171.50
13	NW 97th Ave/ W 36th Ave NW 130th St	B	10.20	C	24.60	B	10.20	C	24.60	B	10.30	C	30.60	B	10.30	C	30.60
14	Ronal Reagan Turnpike Ramp(S) N Okeechobee Rd	F	247.20	E	78.80	F	160.40	E	77.70	F	279.20	F	153.30	F	199.00	F	152.20
15	Ronal Reagan Turnpike Ramp(N) N Okeechobee Rd	F	124.20	F	200.20	F	124.60	E	72.30	F	151.30	F	256.90	F	158.50	F	115.30
16	SR 823/ Red Rd Ronal Reagan Turnpike Ramp(E)	D	49.50	C	33.10	D	49.50	C	33.10	D	53.90	D	50.00	D	53.90	D	50.00
17	SR 823/ Red Rd Ronal Reagan Turnpike Ramp(W)	F	125.10	F	138.50	F	81.90	F	138.50	F	133.00	F	160.90	F	88.40	F	160.90
20	NW 138th St N Okeechobee Rd	F	204.90	F	261.30	F	194.90	F	183.50	F	214.10	F	286.80	F	202.90	F	197.30
23	Hialeah Gardens Blvd N Okeechobee Rd	F	165.60	F	416.00	F	127.90	F	298.70	F	200.70	F	439.20	F	158.40	F	329.30
36	I-75 Ramp (N) Miramar Pkwy	C	22.80	B	17.50	C	22.80	B	17.50	D	35.30	B	19.90	D	35.30	B	19.90

Table VI-7: Zoning Long Term (Year 2040) Background and Combined Intersection LOS Analysis

Intersection ID	Intersection	Background only 2040 (Without Mitigation)				Background only 2040 (With Mitigation)				Total 2040 (Without Mitigation)				Total 2040 (With Mitigation)			
		AM		PM		AM		PM		AM		PM		AM		PM	
		LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay	LOS	Intersection Delay
37	I-75 Ramp (S) / Miramar Pkwy	D	41.60	B	11.80	D	41.60	B	11.80	D	48.10	B	19.50	D	52.30	B	19.50
38	I-75 Ramp (N) / Pines Blvd	C	29.70	B	10.60	C	29.60	B	10.60	C	31.50	B	11.60	C	30.40	B	11.90
39	I-75 Ramp (S) / Pines Blvd	D	53.50	B	14.90	D	51.90	B	14.90	E	72.80	B	17.00	E	59.30	B	17.00
44	Hialeah Gardens Blvd / W 68th St	F	280.50	F	170.10	F	168.90	E	55.30	F	285.90	F	197.80	F	180.80	E	61.20
50	NW 87th Ave / NW 170th St	F	304.00	F	97.40	F	135.60	F	92.60	F	302.50	F	169.10	F	145.10	F	165.80
51	Hialeah Gardens Blvd / NW 130th St	F	388.50	F	129.40	F	193.10	F	94.20	F	527.00	F	155.80	F	271.00	F	115.20
52	Hialeah Gardens Blvd / W 80th St	D	46.50	E	68.50	C	30.00	E	62.20	D	47.00	E	77.30	C	29.30	E	66.70
53	Hialeah Gardens Blvd / W 84th St	F	210.70	F	157.90	E	71.90	F	94.20	F	236.60	F	182.90	F	88.20	F	113.10
54	Hialeah Gardens Blvd / NW 138th St/ W 84th St	F	155.00	F	196.50	F	80.60	110	F	F	175.90	F	248.40	F	87.10	F	155.80

Table IV - 8: Future Year 2020 Roadway Improvements

Year 2020 Committed Improvements

Roadway	From	To	2020 No. of Lanes	Improvement	TIP #	FY
Florida's Turnpike /HEFT/SR 821	Bird Road	SR 836 (Dolpin Expwy)	6+4	Widen to 10L incl Express	U/C	2019
	SR 836 (Dolphin Expwy)	NW 106th Street	6+4	Widen to 10L incl Express	435543-1	2018/2019
	NW 106th Street	Interstate 75	6+4	Widen to 10L incl Express	435542-1	2017/2018
	Interstate 75	CR 823/Red Rd	6+2	Widen to 8L incl Express	435546-1	2016
	CR 823/Red Rd	Miramar Toll Plaza	6+2	Widen to 8L incl Express	429328-1	2017
Interstate 75	I-595	N of Griffin Rd	8+4	Add Special Use Lanes	4217076	2017
	Griffin Rd	Sheridan St	8+4	Add Special Use Lanes	4217075	2017
	Sheridan St	Miramar Pkwy/ S 33rd St	10+4	Add Special Use Lanes	4217074	2017
	Miramar Pkwy/ S 33rd St	Florida's Turnpike	12+4	Add Special Use Lanes	4217073	2017
	Florida's Turnpike	NW 170th St	10+4	Add Special Use Lanes	U/C	U/C
	NW 170th St	SR 826	8+4	Add Special Use Lanes	4326871	2017
SR 826	NW 154th St	I-75	6+2			
	I-75	NW 103rd St	6+4			
	NW 103rd St	NW 36th St	8+4			
	NW 36th St	Flagler St	10+2			

Source: Miami-Dade and Broward TIPs

Year 2020 Planned Improvements

Roadway	From	To	2020 No. of Lanes	Improvement	Coordinate With	FY	LRTP CF Plan Priority #
NW 102nd Ave	NW 178th St	ADM Project Access Rd	New 4	ADM Project	MDC	2020	N/A
Miami Gardens Dr	ADM Project Access Rd	Interstate 75 Eastern Ramps	New 6	ADM Project	FDOT/MDC	2020	IV(4L)
NW 170th St	Florida Turnpike	NW 97th Ave	New 6	ADM/Graham Project	MDC	2020	III
NW 97th Ave	NW 170th St	NW 178th St	New 4	ADM/Graham Project	MDC	2020	N/A
NW 178th Ave	Graham Access	I-75	New 4	ADM/Graham Project	MDC	2020	N/A
Interchanges @ I-75/HEFT/Miami-Gardens Dr				Interchange Modifications	FDOT/Turnpike	2020	N/A
Interchange @ HEFT/NW 170th St				New Interchange	Turnpike	2020	N/A

Table IV- 9: Future Year 2040 Roadway Improvements

Year 2040 Cost Feasible LRTP Improvements

Roadway	From	To	2040 No. of Lanes	Improvement	Priority #
NW 138th St	Florida's Turnpike	SR 826	6	Extend SR-924 to SR-821 (HEFT) with connections to I-75 and SR- 826	Priority II #30

Year 2040 Miami-Dade County Requested Improvements

Roadway	From	To	2040 No. of Lanes	Improvement	Priority #
NW 107th Ave	NW 138th St	NW 170th St	New 2	Per MDC Request	
NW 102nd Ave	NW 170th St	NW 178th St	New 4	Per MDC Request	

Backlogged and Graham Recommended Improvements

Based on the findings presented in this Chapter, the roadway link and intersection improvements have been identified for the Combined Scenario for years 2020 and 2040 based on the traffic analyses.

Roadway Improvements
The roadway improvements needed to ensure that adequate operating conditions are maintained by years 2020 and 2040 are presented in **Table IV-10** and represents just those facilities which do not meet adopted LOS. The future year improvements are distinguished based on the following criteria:

- **Backlogged Roadways** represent those roadway segments which fail due to background traffic and do not require mitigation by neither ADM nor Graham. In **Table IV-10**, these segments are indicated by "**Y**" in the "Backlog Facility" Column followed by the mitigation findings for respectively the background and the total with Project trip number of lanes.
- **Project Responsible Roadways** represent those roadway segments where background traffic does not exceed adopted level of service conditions but rather the Combined Project traffic cause the facility to fail. In **Table IV-10**, these facilities are blank in the "Backlog Facility Column and are followed by just the mitigation findings for the total with Project trips.

Several notes are applicable to **Table IV-10**:

- Miami Gardens Dr improvements are highlighted to indicate that there are current plans to widen this facility to six lanes.
- Mitigation was limited to a maximum of additional four lanes. Furthermore, for arterials no more than eight lanes were recommended. Any facility which still fails to meet adopted LOS is highlighted as indicated and include a note that additional Intelligent Transportation System (ITS), transit, or other mitigation should be considered.
- Improvements which are due to either ADM or Graham Project trips and not backlogged conditions are highlighted as noted.
- Finally, there are a few segments which fail due to total with Project traffic but where the 5 percent of adopted LOS service volume criteria is not met for Project trips. Neither ADM nor Graham are responsible for these improvements.

A detailed evaluation of mitigation needs for all roadway segments being analyzed is included in **Appendix IV-D** and **Appendix IV-E** for years 2020 and 2040 respectively.

Table IV-10: Roadway Segment LOS Analysis - Combined ADM/Graham PM Mitigation Summary

STA ID	Roadway	From	To	Exist NL	2020 NL	2020 Concurrency			2020 CDMP/Zoning			2040 CDMP				2040 Zoning			
						Backlog Facility	# lanes BG Needs	# lanes Total Needs	Backlog Facility	# lanes BG Needs	# lanes Total Needs	2040 NL	Backlog Facility	# lanes BG Needs	# lanes Total Needs	2020 NL	Backlog Facility	# lanes BG Needs	# lanes Total Needs
972250	Florida's Turnpike/ HEFT/SR 821	SW 8th St	SR 836	8	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972526		SR 836	NW 12th Street	8	6+4							6+4	Y	8+4	8+4	6+4	Y	8+4	8+4
972230		NW 12th Street	NW 41th Street	8	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972269		NW 41th Street	NW 74th Street	8	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972268		NW 74th Street	NW 106th Street	8	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972272		NW 106th Street	US 27/ Okeechobee Rd	6	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972248		US 27/ Okeechobee Rd	NW 170th St	6	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972248		NW 170th St	Interstate 75	6	6+4							6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
972285		Interstate 75	CR 823/Red Rd	4	6+2							6+2	Y	6+4	6+4	6+2	Y	6+4	6+4
971996		CR 823/Red Rd	CR 817/NW 27th Ave	4	6+2							6+2	Y	6+4	6+4	6+2	Y	8+4	8+4
971998		CR 817/NW 27th Ave	Florida's Turnpike/SR 91	6	6+2							6+2	Y	6+4	6+4	6+2	Y	6+4	6+4
971904	Florida's Turnpike/ SR 91	I-595	Griffin Rd	8	8							8	Y	10	10	8	Y	10	10
971902		Griffin Rd	Pines Blvd	6	6	Y	8	8	Y	10	10	6	Y	10	10	6	Y	10	10
971900		Pines Blvd	Florida's Turnpike/HEFT/SR 821	8	8							8	Y	10	10	8	Y	10	10
970502		Florida's Turnpike/HEFT/SR 821	NW 203rd St	8	8							8	Y	10	10	8	Y	10	10
n/a	NW 102nd Ave	NW 170th St	NW 178th St	-	-							New 4			6	-			
n/a		NW 178th St	ADM Project Access Rd	-	New 4							New 4			6	New 4			
872518	Miami Gardens Dr	Interstate 75 Eastern Ramps	NW 87th Ave	4	4	Y	6*	6*	Y	6*	6*	4	Y	6*	6*	4	Y	6*	6*
872518		NW 87th Ave	NW 82nd Ave	4	4	Y	6*	6*	Y	6*	6*	4	Y	6*	6*	4	Y	6*	6*
872517		NW 82nd Ave	NW 77nd Ave	4	4							4			6*	4			6*
878243	NW 97th Ave	NW 154th St	NW 170th St	2	2							2			4	2			4
n/a		NW 170th St	Graham Access	-	New 4						6	New 4				New 4			
n/a		Graham Access	NW 178th St	-	New 4						6	New 4				New 4			6
878176	NW 87th Ave	Miami Gardens Dr/NW 186 St	NW 170th St	4	4	Y	6	6	Y	6	6	4	Y	6	6	4	Y	6	6
n/a	Miramar Pkwy	SW 160th Ave	Interstate 75	6	6	Y	8	8	Y	8	8	6	Y	8 Max	8 Max	6	Y	8 Max	8 Max
n/a		Interstate 75	SW 148th Ave	6	8							8				8			
867326		SW 148th Ave	Flamingo Rd	6	6							6			8	6			8
877076	NW 122nd St	N Okeechobee Rd	NW 97th Ave	2	2	Y	4	4	Y	4	4	2	Y	6	6	2	Y	6	6
870575	SR 826	I-75	NW 122nd St	8	6+4							6+4	Y	8+4	8+4	6+4	Y	8+4	8+4
870574		NW 122nd St	NW 103rd St	10	6+4			8+4	Y	8+4	8+4	6+4	Y	10+4	10+4	6+4	Y	10+4	10+4
870553		NW 103rd St	N Okeechobee Rd	10	8+4	Y	10+4	10+4	Y	12+4	12+4	8+4	Y	12+4	12+4	8+4	Y	12+4	12+4
875252	Okeechobee Rd	W 16th Ave (Milam Dairy Rd)	Hialeah Expy	6	6							6	Y	8	8	6	Y	8	8
875252		Hialeah Expy	NW 57th Ave (Red Road)	6	6							6	Y	8	8	6	Y	8	8
875252		NW 57th Ave (Red Road)	Hialeah Dr	6	6							6	Y	8	8	6	Y	8	8
870200		Hialeah Dr	SW 42nd Ave (Le Jeune Rd)	6	6				Y	8	8	6	Y	8 Max	8 Max	6	Y	8 Max	8 Max

* Miami Garden Dr planned to be widened to 6L

Fails due to Project traffic

Capacity needs more than 4 additional lanes or reasonable maximum number of lanes reached (e.g. NL Max); additional ITS, transit or other mitigation options should be considered

Fails due to Combined Project traffic; but neither ADM nor Graham fails thus netiher is responsible for widening

Fails due to total traffic but Study Area Link 5% of Adopted LOS significance test not met

Intersection Improvements
Mitigation was performed, whenever possible, to improve intersection deficient LOS conditions for any of the analyzed intersections. No changes were made to the intersection signal timings. The improvements possible per intersection were limited to the following total configuration:

- 1 separate right turn lane
- 3 through lanes
- 2 left turn lanes.

The intersection improvements needed to ensure that adequate operating conditions are maintained by years 2020 and 2040 are presented in **Table IV-11** and represents just those facilities which do not meet adopted LOS. The future year improvements are distinguished based on the following criteria:

- **Backlogged Intersections** represent those roadway segments which fail due to background traffic and do not require mitigation by neither ADM nor Graham. In **Table IV-11**, these segments are indicated in the "Background Mitigations" columns for respectively year 2020 and year 2040.
- **Project Responsible Roadways** represent those roadway segments where background traffic does not exceed adopted level of service conditions but rather the Project traffic cause the facility to fail. In **IV-11**, these segments are indicated with a project-specific highlight in the "Total Mitigation with Combined Traffic" columns for respectively year 2020 and year 2040.

Several notes are applicable to **Table IV-11**:

- Improvements which occur with inclusion of Total ADM or Graham Project trips and not backlogged conditions but the approach roadway link does not meet the five percent of LOS capacity criteria are highlighted as noted.
- Improvements which are due to backlogged conditions are highlighted as noted.
- Improvements which are due to ADM Project trips and not backlogged conditions are highlighted as noted.
- Improvements which are due to both ADM and Graham Project trips and not backlogged conditions are highlighted as noted.

Transit Improvements:
In addition to addressing roadway capacity needs with this study area roadway improvement plan, the developer of the American Dream Miami is a proven advocate for alternative travel modes and a supporter of transit-oriented services at other developments. In addition to an adjacent site lot donation for commuter sharing, the ADM Applicant will work with the County and others on increasing the amount of project trips assigned to alternative travel modes. Graham is also fully committed to provide accommodations for transit on its Site. Chapter I presents a section titled "Transit Accommodations" related to both the ADM and the Graham Sites.

Table IV-11: Summary of 2020 and 2040 Intersection Mitigation Improvements

Description			Year 2020 Mitigation Results		Year 2020 ADM/Graham Project Improvements				Year 2040 Mitigation Results		Year 2040 ADM/Graham Project Improvements			
ID	Intersection	Movement	Background Mitigation	Total Mitigation w/ Combined Traffic	Imp (ADM)	Fair Share (ADM)	Imp (Graham)	Fair Share (Graham)	Background Mitigation	Total Mitigation w/ Combined Traffic	Imp (ADM)	Fair Share (ADM)	Imp (Graham)	Fair Share (Graham)
1	NW186th St/Miami Gardens Dr & NW 87th Ave	EBT							Add one Thru lane					
		WBL	Add one left lane						Add one left lane					
		WBT	Replaced shr thru & add sep right						Replaced shr thru & add sep right					
		WBR												
		NBL	Add one left lane						Add one left lane					
		SBL	Add one left lane						Add one left lane					
		SBT	Add one thru lane						Add one thru lane					
2	NW 186th St/ Miami Garden Dr & NW 82nd Ave	EBL	Add one left lane						Add one left lane					
		EBT		Add one Thru lane	Yes	10.95%	n/a	n/a		Add one thru lane	Yes	8.59%	Yes	11.02%
		EBR	Add one right lane						Add one right lane					
		WBL	Add one left lane						Add one left lane					
		WBT								Add one thru lane	Yes	7.46%	Yes	14.18%
		WBR	Add one right lane						Add one right lane					
		NBL	Add one left lane						Add one left lane					
		NBR	Add one right lane						Add one right lane					
		SBL	Add one left lane						Add one left lane					
		SBT							Add one thru lane					
3	NW 186th ST/ Miami Garden Dr & NW 79th Ave	EBL	Add one left lane						Add one left lane					
		WBT							Add one thru lane					
		WBR	Add one right lane						Add one right lane					
		SBL	Add one left lane						Add one left lane					
4	NW 186th ST/ Miami Garden Dr & W Oakmont Dr	EBL	Add one left lane						Add one left lane					
		EBR							Add one right lane					
		WBL	Add one left lane						Add one left lane					
		WBT	Add one thru lane						Add one thru lane					
		WBR							Add one right lane					
		NBL	Add two left lanes						Add two left lanes					
		NBT	Add one thru lane						Add one Thru lane					
		SBL	Add two left lanes						Add two left lanes					
5	NW 175th PL & NW 186th ST/ Miami Garden Dr	EBT	Add one thru lane						Add one thru lane					
		WBL	Add one left lane						Add one left lane					
		NBL	Add one left lane						Add one left lane					
6	NW 73th Ave & NW 186th St/ Miami Garden Dr	EBL	Add one left lane						Add one left lane					
		WBL	Add one left lane						Add one left lane					
		WBT							Add one thru lane					
7	NW 186th St / Miami Gardens Dr & NW 68 Ave	EBR							Add one right lane					
		NBL	Add one left lane						Add one left lane					
8	NW 186th St / Miami Garden Dr & Bobolink Dr	WBT	Add one Thru lane						Add one thru lane					
		WBR	Add one right lane						Add one right lane					
9	NW 186th St / Miami Gardens Dr & NW 67th Ave	EBR							Add one right lane					
		WBR							Add one right lane					
		NBR							Add one right lane					
		SBR	Add one right lane						Add one right lane					
10	NW 186th St/ Miami Gardens Dr & NW 62th Ave	EBL	Add one left lane						Add one left lane					
		EBT							Add one thru lane					
		NBL	Add one left lane						Add one left lane					
		SBL	Add one left lane						Add one left lane					
11	NW 186th St / Miami Gardens Dr & 823 St /Red road	EBR	Add one right lane						Add one right lane					
		NBT	Replaced shr thru & add sep right						Replaced shr thru & add sep right					
		NBR												
		SBR	Add one right lane						Add one right lane					
14	N Okeechobee Rd & Ronal Reagan Turnpike Ramp (S)	EBL		Add one Left lane					Add one left lane					
		EBT							Add one thru lane					
		NBT							Add one thru lane					
		NBR							Add one right lane					

Table IV-11: Summary of 2020 and 2040 Intersection Mitigation Improvements

Description			Year 2020 Mitigation Results		Year 2020 ADM/Graham Project Improvements				Year 2040 Mitigation Results		Year 2040 ADM/Graham Project Improvements			
ID	Intersection	Movement	Background Mitigation	Total Mitigation w/ Combined Traffic	Imp (ADM)	Fair Share (ADM)	Imp (Graham)	Fair Share (Graham)	Background Mitigation	Total Mitigation w/ Combined Traffic	Imp (ADM)	Fair Share (ADM)	Imp (Graham)	Fair Share (Graham)
15	N Okeechobee Rd & Ronal Reagan Turnpike Ramp (N)	WBT	Add one Thru lane						Add one thru lane					
17	823 St/ Red road & Ronald Reagan Turnpike Ramp (W)	WBR							Add one right lane					
20	N Okeechobee Rd / N Okeechobee Rd & NW 138 St	EBL	Add one left lane						Add one left lane					
		WBL	Add one left lane						Add one left lane					
		NBL	Add one left lane						Add one left lane					
		SBL		Add one left lane					Add one left lane					
23	N Okeechobee Rd & Hisleah Gardens Blvd	NBT	Add one thru lane						Add one thru lane					
		NBR	Add one Right lane						Add one right lane					
		SBT	Add one thru lane						Add one thru lane					
		SBR							Add one right lane					
44	W 68th St & Hialeah Gardens Blvd	EBL	Add one left lane						Add one left lane					
		EBT	Add one Thru lane						Add one thru lane					
		EBR	Add one Right lane						Add one right lane					
		WBL	Add one left lane						Add one left lane					
		WBR	Add one Right lane						Add one right lane					
		NBL	Add one left lane						Add one left lane					
		NBR	Add one Right lane						Add one right lane					
		SBL		Add one left lane					Add one left lane					
50	NW 170th St & NW 87th Ave	EBR							Add one right lane					
		WBL	Add one left lane						Add one left lane					
		SBL	Add one left lane						Add one left lane					
51	130th St & Hialeah Gardens Blvd	EBL	Add one left lane						Add one left lane					
		EBT	Add one Thru lane						Add one thru lane					
		EBR	Add one Right lane						Add one right lane					
		WBL	Add one left lane						Add one left lane					
		NBT	Add one Thru lane						Add one thru lane					
		SBL	Add one left lane						Add one left lane					
52	W 80th St & Hialeah Gardens Blvd	EBL	Add one left lane						Add one left lane					
		WBL	Add one left lane						Add one left lane					
		NBL	Add one left lane						Add one left lane					
		NBT	Add one Thru lane						Add one Thru lane					
		SBL							Add one left lane					
		SBT												
53	W 84th St & Hialeah Gardens Blvd	EBL	Add one left lane						Add one left lane					
		EBT	Add Two Thru lanes						Add two thru lanes					
		EBR	Add one Right lane						Add one right lane					
		WBL	Add one left lane						Add one left lane					
		WBT												
		WBR	Add one Right lane						Add one right lane					
		NBT							Add one thru lane					
		SBL	Add one left lane	Add one left lane					Add one left lane					
54	138th St/ I-75 Ramp(E) & Hialeah Gardens Blvd	EBT	Add Two Thru lanes						Add one thru lane					
		WBT	Add Two Thru lanes						Add one thru lane					
		WBR		Add one Right lane										
		NBL	Add one left lane						Add one left lane					
		SBL							Add one left lane					
		SBT	Add one Thru lane						Add one thru lane					

Legend:

	Project trips are not significant on link
	Improvement required due to Background LOS analysis
	Improvement required due to ADM future LOS analysis
	Improvement required due to Combined (ADM and Graham) future LOS analysis

ADM and Graham Fair Shares of Transportation Improvements

Fair share for roadway and intersection improvements associated with the two Project Sites are addressed next.

Roadway Segment Fair Share Estimates

The only roadway improvement which is applicable for the ADM and the Graham Sites are the widening associated with the following segments:

- NW 97th Ave between NW 154th St and NW 170th St - 4L by 2040 (Zoning Only)
- NW 97th Ave between NW 170th ST and NW 178th St - 6L by 2020 (Zoning Only)

As noted in **Table IV-11**, NW 170th Ave to NW 178th St is one of the Year 2020 Planned Roadway improvements needed to accommodate the ADM and the Graham Sites and thus should instead be planned as a six lane facility. The ADM and Graham Projects will be responsible for implementing the necessary improvements to this segment of NW 97th Ave.

The other improvement is located south of NW 170th and is currently a two lane facility with widening proposed for a four lane facility. The total Combined northbound trips by the Year 2040 Zoning PM Peak Hour Analysis is 933 peak hour peak direction trips, which exceed adopted LOS D peak hour peak direction capacity of 792 trips. ADM contributes 97 and Graham contributes 197 peak hour peak direction northbound trips. Their corresponding fair share estimates are: ADM is 10.4 percent (97/933 Trips) and Graham is 21.1% (197/933 Trips).

Intersection Turning Movement Fair Share Estimates

The intersection improvements are identified by individual approach and are specific to the turning movement needing implementation. The intersection fair share estimates for respectively the ADM and the Graham Sites are included in **Table IV-11** along with **Appendix IV-D** (2020) and **Appendix IV-E** (2040).