



## Public Works Traffic Analysis Comments

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Date: 2-18-2025

Subject: 3511 NW 91<sup>st</sup> Ave – Traffic Analysis

Permit: PLAN-2408-0086

Date Submitted: 2-18-2025

3<sup>rd</sup> Review

Results of the Review:

**Approval Recommended**

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Doral Public Works Department has completed its review of the Methodology prepared by Kimley Horn & Associates, Inc. for the proposed 153,654 Sq. Ft of Warehouse located on at 3511 NW 91<sup>st</sup> Ave in Doral, Florida. The existing land use is 160,854 Square Feet of General Office (LUC 710) which includes a Daycare Facility. The proposed redevelopment program will consist of 153,654 Sq. Ft of Warehouse (LUC 150). The Public Works Department recommends approval. Advisory comments below are necessary during site plan review process and implementation of the project:

- Modifications to the approved Land Use will require a revised traffic analysis.
- Approval is subject to review from City of Doral Public Works Department - Plans Review.
- Compliance with the applicable sections of the City's Land Development Code Chapter 77.
- Implementation of the proposed project dealing with roadway construction work, installation of signage, pavement markings and other needed items shall conform to all applicable requirements, standards and regulations of the latest version of the Manual on Uniform Traffic Control Devices (MUTCD), City of Doral, Miami-Dade County Department of Transportation and Public Works, and Miami-Dade Fire Rescue Department.

# Memorandum



**Date:** Friday, February 14, 2025  
**Subject:** DR 2025000493  
Applicant Name: 3511 NW 91<sup>st</sup> Avenue

## PROJECT DESCRIPTION

The proposed 3511 NE 91<sup>st</sup> Avenue development will consist of 153,654 square feet of warehouse space, it is currently occupied by approximately 160,854 square feet of office space, including a daycare facility. The development is currently expected to be completed by 2027. The impact of the proposed development is anticipated to subtract 39 net new trips during the AM peak hour and add 14 net new trips during the PM peak hour. Access to the site will be provided via two full access driveways and one service/loading driveway located along the east side of the cul-de-sac at the end of NW 91<sup>st</sup> Avenue. Three access points connecting to the public right-of-way.

## PROJECT LOCATION

The proposed redevelopment development is to be located at 3511 NW 91<sup>st</sup> Avenue Miami, Florida in unincorporated Miami Dade County.

## COMMENTS/RECOMMENDATION

**Miami-Dade County Department of Transportation and Public Works (DTPW) has reviewed the subject application and has no objections to this application, subject to the following condition:**

1. The stop bar should be placed behind the sidewalk at the driveway locations.
2. Please ensure that all trees within the sight triangles must comply with the FDOT standards outlined in the "Tree Spacing Table" provided below.

considered.

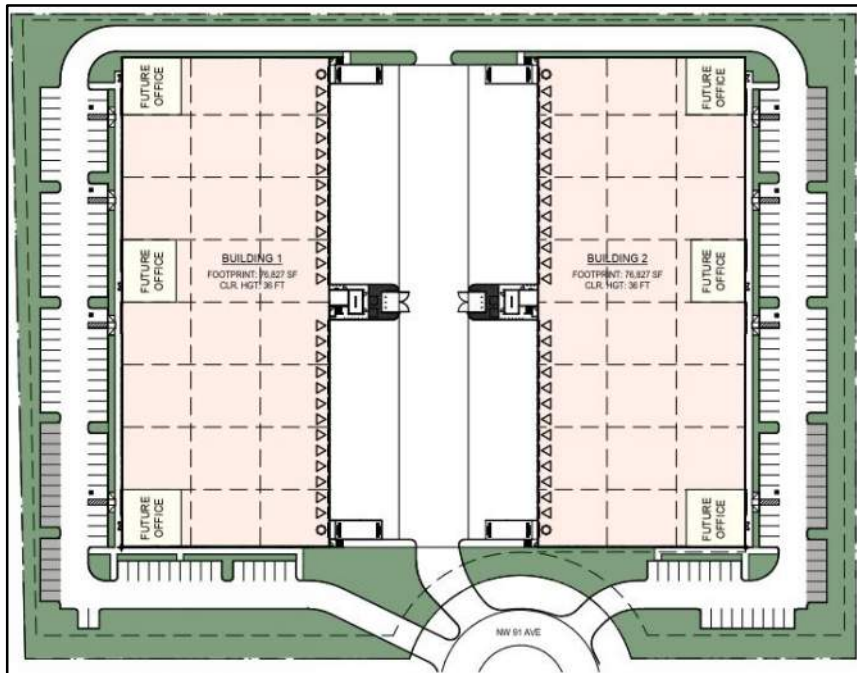
**TREE SPACING TABLE \*\***

Description  Diameter (Within Limits Of Sight Window)	Design Speed (mph)													
	30		35		40		45		50		55		60	
	>4≤11	>11≤18	>4≤11	>11≤18	>4≤11	>11≤18	>4≤11	>11≤18	>4≤11	>11≤18	>4≤11	>11≤18	>4≤11	>11≤18
Minimum Spacing (c. to c. Of Trunk)	25	90	30	105	35	120	40	135	50	150	55	165	60	180



*Traffic Impact Analysis  
for Submittal to  
the City of Doral*

**3511 NW 91<sup>st</sup> Avenue  
Doral, Florida**



**Kimley»»Horn**

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November 2024  
041289005

Traffic Impact Analysis  
for Submittal to  
the City of Doral

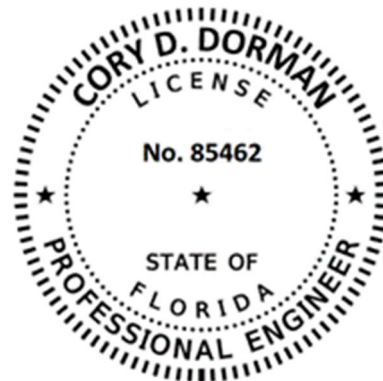
3511 NW 91<sup>ST</sup> AVENUE  
DORAL, FLORIDA

*Prepared for:*

PDC Atlanta LPIV, LLC

*Prepared by:*

Kimley-Horn and Associates, Inc.



This item has been digitally signed and sealed by Cory D. Dorman, P.E., PTOE on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

**Kimley»»Horn**

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November 2024  
041289005

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Coral Gables, Florida 33134

## EXECUTIVE SUMMARY

PDC Atlanta LPIV, LLC is proposing to redevelop the property located at 3511 NW 91<sup>st</sup> Avenue in Doral, Florida. Currently, the site proposed for redevelopment is occupied by an approximately 160,854 square-foot office building, including a daycare facility. The proposed redevelopment will consist of 153,654 square feet of warehouse space. Note that the existing development will be demolished as part of the project. The project is expected to be completed and opened by year 2027.

Access to the proposed redevelopment will be provided via one (1) right-in/right-out driveway located along the northeast side of the cul-de-sac at the end of NW 91<sup>st</sup> Avenue and one (1) right-in/right-out driveway located along the northwest side of the cul-de-sac at the end of NW 91<sup>st</sup> Avenue. Note that loading/service vehicle access will be provided via one (1) right in/right-out driveway located along the north side of the cul-de-sac at the end of NW 91<sup>st</sup> Avenue between the proposed project driveways.

Trip generation calculations for the existing development and the proposed redevelopment were performed using rates and/or equations contained in the ITE's *Trip Generation Manual*, 11<sup>th</sup> Edition. The project is expected to result in a reduction of 203 net new external vehicular trips during the weekday A.M. peak hour and a reduction of 194 net new external vehicular trips during the weekday P.M. peak hour as compared to the existing office use. Therefore, the project is expected to represent a reduction in traffic during the peak hours as compared to the site's previous use as an office building with typical occupancy. However, as a result of the site's current underutilization and decreased occupancy, existing site trip generation data was collected. The project is expected to result in a reduction of 41 net new external vehicular trips during the weekday A.M. peak hour and an increase in 12 net new external vehicular trips during the weekday P.M. peak hour as compared to the collected existing site trip generation data.

The results of the intersection capacity analysis indicate that all study intersections are expected to operate at LOS E or better during the P.M. peak hour under all analysis scenarios with the exception of the southbound approach at the intersection of NW 89<sup>th</sup> Court and NW 33<sup>rd</sup> Street which is expected to operate at LOS F under future background and future total conditions. Note that the project does not assign traffic to the southbound approach at this intersection and the

delay at the southbound approach is expected to increase by 0.7 percent (0.7%) under future total conditions. Further note that a traffic signal is being proposed by another applicant at this intersection.

The results of the roadway segment analysis indicate that the study roadway segments are expected to operate at LOS C under all analysis conditions during the P.M. peak hour.

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## INTRODUCTION

PDC Atlanta LPIV, LLC is proposing to redevelop the property located at 3511 NW 91<sup>st</sup> Avenue in Doral, Florida. Currently, the site proposed for redevelopment is occupied by an approximately 160,854 square-foot office building, including a daycare facility. The proposed redevelopment will consist of approximately 153,654 square feet of warehouse space. Note that the existing development will be demolished as part of the project. The redevelopment is expected to be completed and opened by the year 2027. A project location map is provided as Figure 1. A conceptual site plan is included in Appendix A.

Kimley-Horn and Associates, Inc. has completed this traffic impact analysis consistent with the requirements contained in the approved traffic study methodology. The approved traffic study methodology and correspondence with the City of Doral detailing the traffic study requirements is included in Appendix B. The purpose of the study is to assess the project's impact on the surrounding roadway network. This report summarizes the data collection, trip generation, trip distribution and assignment, intersection capacity analysis, and roadway segment analysis.



## EXISTING TRAFFIC

P.M. peak period (4:00 P.M. to 6:00 P.M.) turning movement counts were collected on October 31, 2024 (Thursday) at all the following intersections:

- NW 92<sup>nd</sup> Avenue and NW 33<sup>rd</sup> Street
- NW 91<sup>st</sup> Avenue and NW 33<sup>rd</sup> Street
- NW 89<sup>th</sup> Court and NW 33<sup>rd</sup> Street
- NW 87<sup>th</sup> Avenue and NW 33<sup>rd</sup> Street

Additionally, 72-hour counts were collected from November 12, 2024 (Tuesday) to November 14, 2024 (Thursday) along the following roadway segments:

- NW 87<sup>th</sup> Avenue north of NW 33<sup>rd</sup> Street
- NW 87<sup>th</sup> Avenue south of NW 33<sup>rd</sup> Street
- NW 33<sup>rd</sup> Street west of NW 91<sup>st</sup> Avenue
- NW 33<sup>rd</sup> Street east of NW 91<sup>st</sup> Avenue
- NW 92<sup>nd</sup> Avenue south of NW 33<sup>rd</sup> Street

All traffic volumes were collected in 15-minute intervals and the peak hour was determined for each intersection. Turning movement counts also included pedestrian and bicycle data. The appropriate Florida Department of Transportation (FDOT) peak season conversion factor (PSCF) of 1.00 was applied to the turning movement counts and a PSCF of 1.01 was applied to the 72-hour counts.

Existing signal phasing and timing patterns were obtained from the Miami-Dade County Department of Transportation and Public Works (DTPW) – Traffic Signals and Signs Division for the signalized intersections required to be evaluated in this analysis.

The turning movement counts, 72-hour counts, FDOT peak season factor category reports, and signal timing data are included in Appendix C. Figure 2 presents the existing turning movement volumes at the study intersections during the P.M. peak hour.



NOT TO SCALE

**Legend**

- Study Roadway
- Study Intersection
- P.M. Peak Hour Traffic

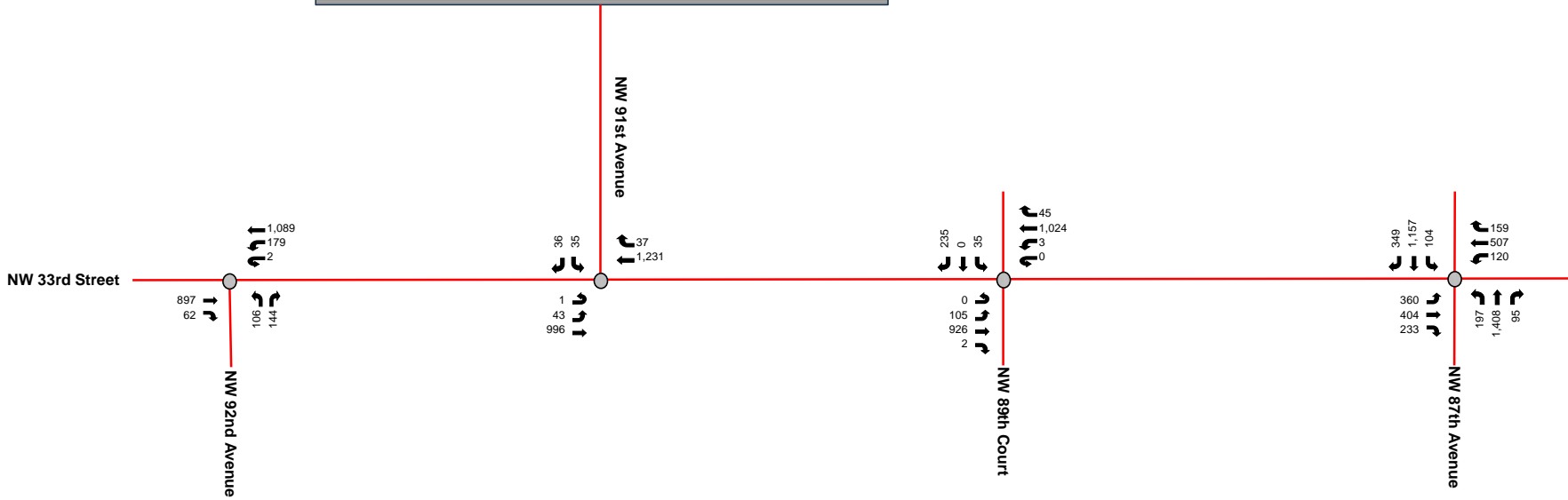
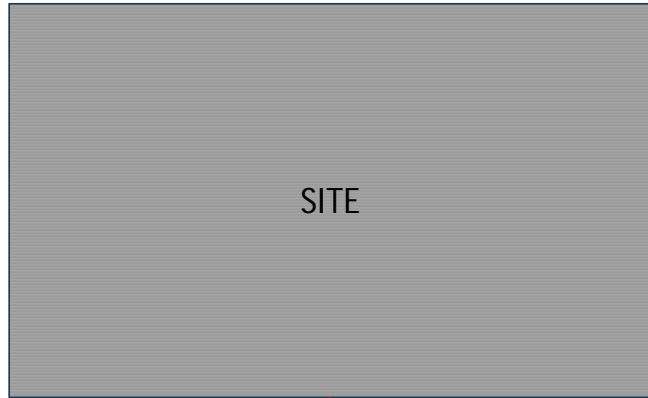


Figure 2  
Existing P.M. Peak Hour Traffic Volumes  
3511 NW 91st Avenue  
Doral, Florida

## FUTURE BACKGROUND TRAFFIC

Future background traffic conditions are defined as expected traffic conditions on the roadway network in the year 2027 without the construction of the proposed redevelopment. Future background traffic volumes used in the analysis are the sum of the existing traffic, committed development traffic, and additional traffic generated by growth in the study area. Refer to Figure 3 for the future background 2027 P.M. peak hour traffic volumes.

### BACKGROUND AREA GROWTH

Traffic growth on the transportation network was determined based upon (a) historical growth trends at nearby FDOT traffic count stations and (b) traffic volume comparisons from the year 2015 and 2045 Florida Standard Urban Transportation Model Structure (FSUTMS) - Southeast Florida Regional Planning Model (SERPM). FDOT count stations referenced in this analysis include:

- FDOT count station no. 7025 located on NW 25<sup>th</sup> Street, 100 feet west of NW 94<sup>th</sup> Avenue
- FDOT count station no. 7051 located on SR & CR 973, 200 feet south of NW 33<sup>rd</sup> Street
- FDOT count station no. 8359 located on NW 36<sup>th</sup> Street, 200 feet west of NW 87<sup>th</sup> Avenue

Note that as a result of atypical traffic conditions associated with COVID-19, the 2020 and 2021 AADT volumes were interpolated utilizing the 2019 and 2022 AADT volumes. The historical growth rate analysis, based on FDOT count stations, examined linear, exponential, and decaying exponential growth rates for the most recent five (5) and ten (10) year periods. The linear growth trend yielded a growth rate of negative 0.76 percent (-0.76%) over the most recent five (5) year period and 0.47 percent (0.47%) over the most recent ten (10) year period. The exponential growth trend yielded a growth rate of negative 0.81 percent (-0.81%) over the most recent five (5) year period and 0.42 percent (0.42%) over the most recent ten (10) year period. The decaying exponential growth trend yielded a growth rate of negative 1.02 percent (-1.02%) over the most recent five (5) year period and 0.55 percent (0.55%) over the most recent ten (10) year period. Based on the volume information obtained from the years 2015 and 2045 FSUTMS SERPM, an annual growth rate of 1.18 percent (1.18%) in the vicinity of the redevelopment was calculated.

The FDOT historic growth trend with the highest trend with the highest R<sup>2</sup> value and the growth rate calculated from the SERPM were compared. To provide a conservative analysis, the growth rate of 1.18 percent (1.18%), obtained from the SERPM, was applied to the existing traffic volumes

compounded annually to develop future (2027) background conditions. Detailed growth rate calculations are included in Appendix D.

### COMMITTED DEVELOPMENT

The following developments were identified as a committed development to be included as a part of future traffic conditions:

- Chick-fil-A Drive-thru
- Doral Central Park
- BridgePrep Academy
- Doral Center

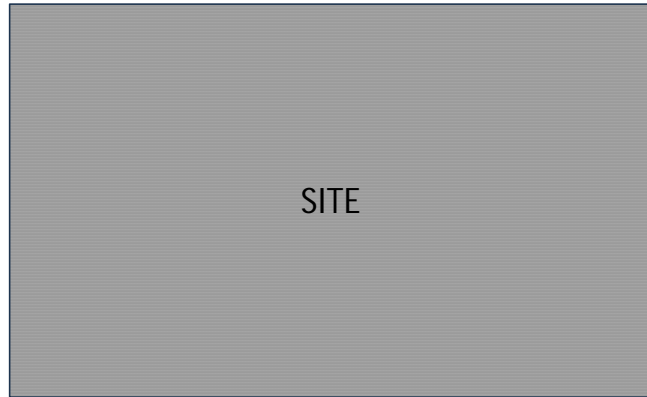
Additionally, based on input from City of Doral staff, the intersection of NW 92<sup>nd</sup> Avenue and NW 33<sup>rd</sup> Street was assumed to be signalized as part of future conditions. Committed development information is included in Appendix E.



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**Legend**

- Study Roadway
- Study Intersection
- XX P.M. Peak Hour Traffic



SITE

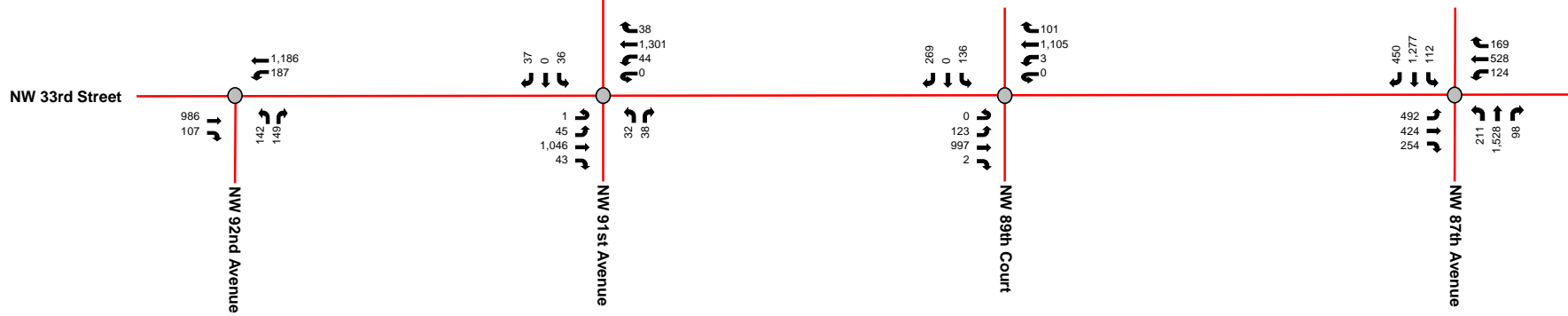


Figure 3  
Future Background P.M. Peak Hour Traffic Volumes  
3511 NW 91st Avenue  
Doral, Florida

## PROJECT TRAFFIC

Project traffic used in this analysis is defined as the vehicle trips expected to be generated by the project and the distribution and assignment of that traffic over the study roadway network.

### EXISTING AND PROPOSED LAND USE

Currently, the property proposed for redevelopment is occupied by an approximately 160,854 square foot office building, including a daycare facility. The proposed redevelopment will consist of 153,654 square feet of warehouse space. Note that the existing office building will be demolished as part of the project.

### PROJECT ACCESS

Access to the proposed redevelopment will be provided via one (1) right-in/right-out driveway located along the northeast side of the cul-de-sac at the end of NW 91<sup>st</sup> Avenue and one (1) right-in/right-out driveway located along the northwest side of the cul-de-sac at the end of NW 91<sup>st</sup> Avenue. Note that loading/service vehicle access will be provided via one (1) right in/right-out driveway located along the north side of the cul-de-sac at the end of NW 91<sup>st</sup> Avenue between the proposed project driveways.

### TRIP GENERATION

Trip generation calculations for the existing development and the proposed redevelopment were performed using rates and/or equations contained in the Institute of Transportation Engineers' (ITE) *Trip Generation Manual*, 11<sup>th</sup> Edition. The trip generation for the existing development was determined using ITE Land Use Code (LUC) 710 (General Office Building). The trip generation for the proposed redevelopment was determined using ITE LUC 150 (Warehousing).

### MULTIMODAL REDUCTION

A multimodal (public transit, bicycle, and pedestrian) factor based on US Census *Means of Transportation to Work* data was reviewed for the census tract in the vicinity of the redevelopment. A multimodal factor of 3.6 percent (3.6%) was calculated to account for the urban environment in which the project site is located. It is expected that a portion of employees will choose to walk, bike, or use public transit to and from the proposed redevelopment.

### TRANSIT

Two (2) Miami-Dade County DTPW routes and two (2) City of Doral Trolley routes currently operate in close proximity (within ½ mile) to the site during the P.M. peak hour. Additionally,



Freebee electric vehicle on-demand service is provided in the City of Doral. Detailed transit route information is included in Appendix F.

- **DTPW Route 87** operates along NW 87<sup>th</sup> Avenue in the vicinity of the project site with the nearest stop located south of NW 33<sup>rd</sup> Street. This route operates with approximately 30-minute headways in the northbound and southbound directions during the P.M. peak hour.
- **DTPW Route 95 (Golden Glades Express)** operates along NW 36<sup>th</sup> Street and NW 87<sup>th</sup> Avenue in the vicinity of the project site with the nearest stop located along NW 87<sup>th</sup> Avenue south of NW 33<sup>rd</sup> Street. This route operates with approximately 10 to 30-minute headways in the northbound and southbound directions during the P.M. peak hour.
- **City of Doral Trolley Route 1** operates along NW 87<sup>th</sup> Avenue in the vicinity of the project site with the nearest stop located just south of NW 33<sup>rd</sup> Street. This route operates with approximately 23 to 33-minute headways in the northbound direction during the P.M. peak hour.
- **City of Doral Trolley Route 2** operates along NW 33<sup>rd</sup> Street in the vicinity of the project site with the nearest stop located just west of NW 89<sup>th</sup> Court. This route operates with approximately 44 to 67-minute headways in the westbound direction during the P.M. peak hour.

### NET NEW PROJECT TRIPS

As shown in Table 1, the project is expected to result in a reduction of 203 net new external vehicular trips during the weekday A.M. peak hour and is expected to generate a reduction of 194 net new external vehicular trips during the weekday P.M. peak hour as compared to the previously operational office building. Therefore, the project is expected to represent a reduction in traffic during the peak hours as compared to the site's previous use as an office building with typical occupancy. However, as a result of the site's current underutilization and decreased occupancy, existing site trip generation data was collected. The project is expected to result in a reduction of 41 net new external vehicular trips during the weekday A.M. peak hour and an increase in 12 net new external vehicular trips during the weekday P.M. peak hour as compared to the collected existing site trip generation data. Detailed trip generation calculations, collected

existing trip generation data, and US Census *Means of Transportation to Work* data are included in Appendix G.

Table 1: Trip Generation				
A.M. (P.M.) Peak Hour				
Land Use (ITE Code)	Scale	Entering Trips	Exiting Trips	Net New External Trips
<i>Existing Development – Previously Operational Office Building (A) <sup>(1)</sup></i>				
General Office Building (710)	160,854 square feet	214 (40)	29 (197)	243 (237)
<i>Proposed Redevelopment – Current Site Operations (B) <sup>(2)</sup></i>				
General Office Building	160,854 square feet	47 (12)	34 (19)	81 (31)
<i>Proposed Redevelopment (C)</i>				
Warehousing (150)	153,654 square feet	31 (12)	9 (31)	40 (43)
<i>Net New Redevelopment (C-A)</i>				
<b>Net New Vehicle Trips (vph)</b>		-183 (-28)	-20 (-166)	-203 (-194)
<i>Net New Redevelopment (C-B)</i>				
<b>Net New Vehicle Trips (vph)</b>		-16 (0)	-25 (12)	-41 (12)

Note: <sup>(1)</sup> Existing development trip generation based on estimated trip generation potential of the previously operational office building.

<sup>(2)</sup> Existing development trip generation based on traffic counts collected at the existing project driveways in order to estimate the existing site trip generation.

### TRIP DISTRIBUTION AND ASSIGNMENT

The trip distribution was based on an interpolated cardinal trip distribution for the project site’s traffic analysis zone (TAZ) obtained from the Miami-Dade Transportation Planning Organization’s (TPO’s) *2045 Long Range Transportation Plan Directional Trip Distribution Report*. The cardinal trip distribution for TAZ 726 is provided in Table 2.



Table 2: Cardinal Trip Distribution	
Cardinal Direction	Percentage of Trips
North-Northeast	19%
East-Northeast	12%
East-Southeast	16%
South-Southeast	11%
South-Southwest	18%
West-Southwest	12%
West-Northwest	5%
North-Northwest	7%
<b>Total</b>	<b>100%</b>

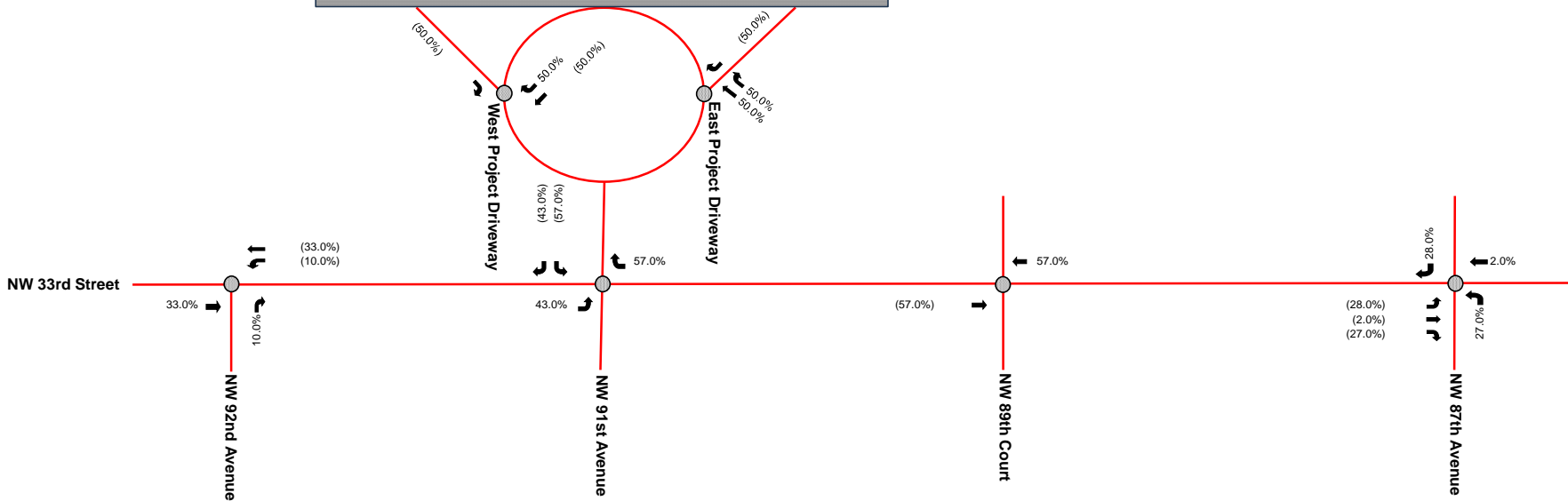
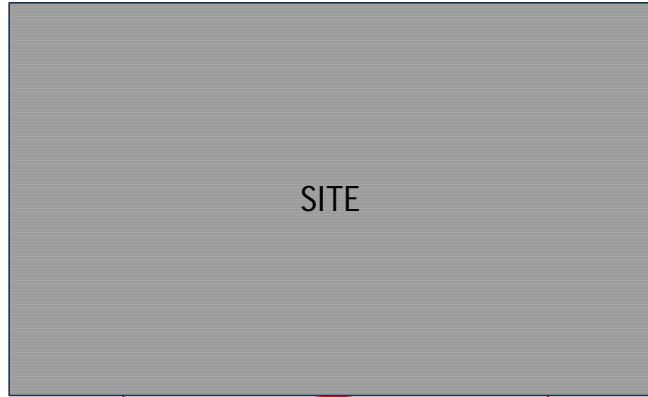
Figure 4 presents the peak hour project trip distribution and Figure 5 presents the peak hour project trip assignment. Detailed cardinal distribution calculations are contained in Appendix H.



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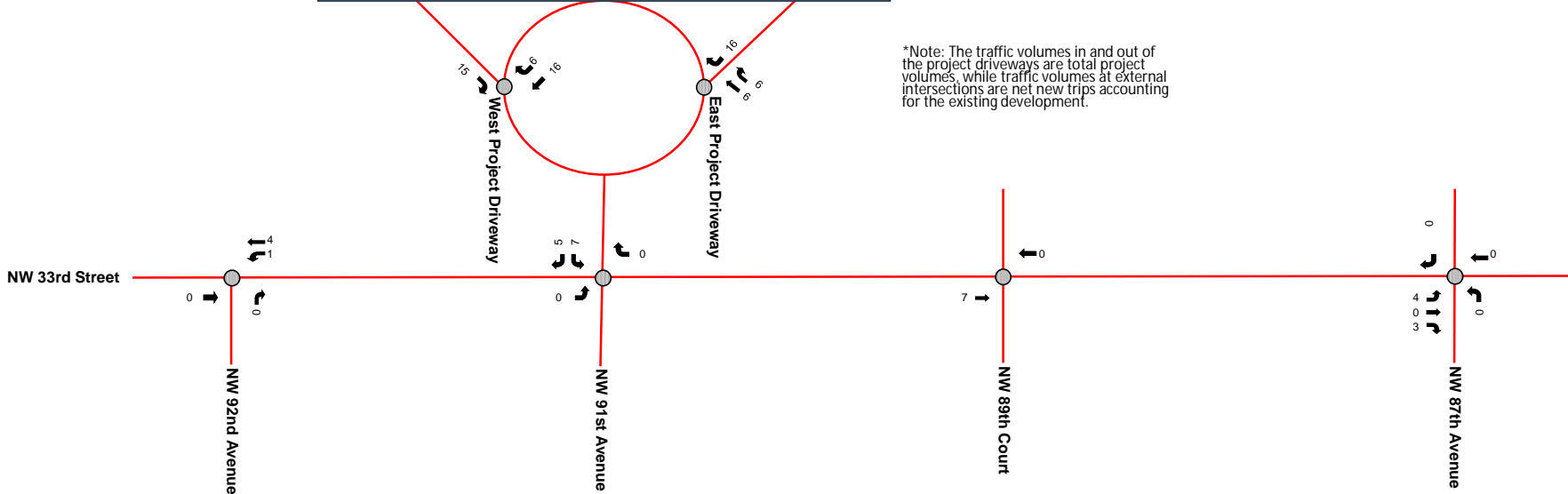
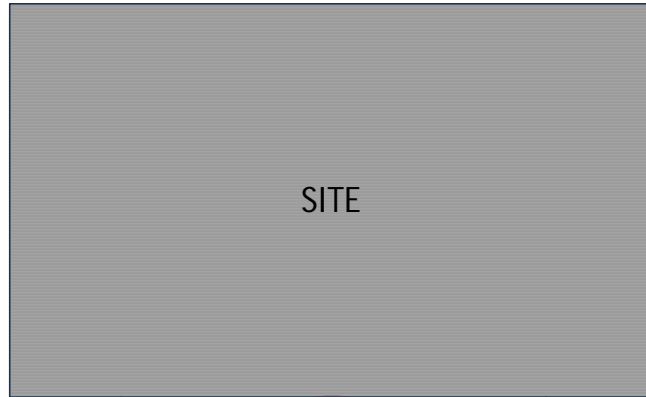
-  Study Roadway
-  Study Intersection
- XX% Entering Net New Trip Distribution
- (XX%) Exiting Net New Trip Distribution





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- Legend**
- Study Roadway
  - Study Intersection
  - XX P.M. Peak Hour Trip Assignment



\*Note: The traffic volumes in and out of the project driveways are total project volumes, while traffic volumes at external intersections are net new trips accounting for the existing development.

## FUTURE TOTAL TRAFFIC

Future total traffic conditions are defined as the expected traffic conditions in the year 2027 after the opening of the project. Total traffic volumes considered in the analysis for this project are the sum of the background traffic volumes and expected project traffic volumes. Figure 6 presents the future total turning movement volumes at the study intersections during the P.M. peak hour. Volume development worksheets for the study intersections are included in Appendix I.



NOT TO SCALE

- Legend**
- Study Roadway
  - Study Intersection
  - P.M. Peak Hour Traffic

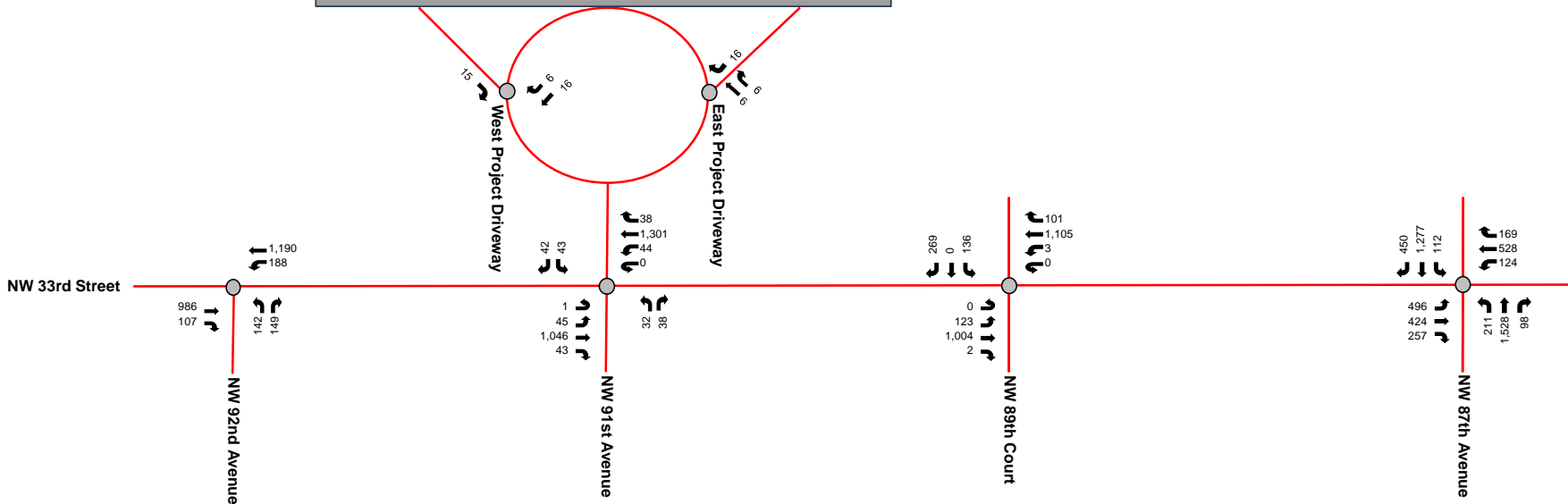
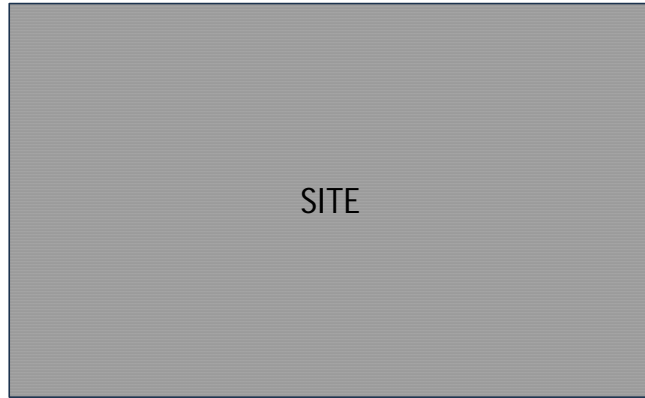


Figure 6  
Future Total P.M. Peak Hour Traffic Volumes  
3511 NW 91st Avenue  
Doral, Florida

### INTERSECTION CAPACITY ANALYSIS

The study area intersections operating conditions were analyzed for three (3) scenarios (existing, future background, and future total conditions) using Trafficware’s *SYNCHRO* software, which applies methodologies outlined in the Transportation Research Board’s (TRB’s) *Highway Capacity Manual* (HCM) 7<sup>th</sup> Editions. Note that as the proposed redevelopment is expected to result in a reduction in net new vehicular trips during the A.M. peak hour as compared to the existing trip generation potential of the previously operational office building and as compared to the collected existing site trip generation data, the analysis was conducted for the P.M. peak hour only. Synchro worksheets for the study intersections are included in Appendix J.

A summary of the intersection analysis for the P.M. peak hour is presented in Table 3. As Table 3 indicates, all study intersections are expected to operate at level of service (LOS) E or better during the P.M. peak hour under all analysis scenarios with the exception of the southbound approach at the intersection of NW 89<sup>th</sup> Court and NW 33<sup>rd</sup> Street which is expected to operate at LOS F under future background and future total conditions. Note that the project does not assign traffic to the southbound approach at this intersection and the delay at the southbound approach is expected to increase by 0.7 percent (0.7%) under future total conditions. Further note that a traffic signal is being proposed by another applicant at this intersection.

Table 3: P.M. Peak Hour Intersection Capacity Analysis						
Intersection	Traffic Control	Overall LOS/Delay	Approach LOS			
			EB	WB	NB	SB
Existing Conditions (Future Background Conditions)			[Future Total Conditions]			
NW 92 <sup>nd</sup> Avenue and NW 33 <sup>rd</sup> Street	One-Way Stop Control <sup>(1)</sup>	<sup>(2)</sup> (B/13.2 sec) [B/13.2 sec]	<sup>(3)</sup> (B) [B]	<sup>(3)</sup> (A) [A]	C (C) [C]	<sup>(4)</sup>
NW 91 <sup>st</sup> Avenue and NW 33 <sup>rd</sup> Street	One-Way Stop Control	<sup>(2)</sup>	<sup>(3)</sup>	<sup>(3)</sup>	<sup>(5)</sup> (C) [C]	C (C) [C]
NW 89 <sup>th</sup> Court and NW 33 <sup>rd</sup> Street	One-Way Stop Control	<sup>(2)</sup>	<sup>(3)</sup>	<sup>(3)</sup>	<sup>(6)</sup>	C (F) [F]
NW 87 <sup>th</sup> Avenue and NW 33 <sup>rd</sup> Street	Signalized	D/48.2 sec (E/61.6 sec) [E/62.2 sec]	F (F) [F]	F (F) [F]	C (C) [C]	C (C) [C]
NW 91 <sup>st</sup> Avenue and West Project Driveway/East Project Driveway	Roundabout	<sup>(5)</sup> <sup>(5)</sup> [A/2.8 sec]	<sup>(5)</sup> <sup>(5)</sup> [A]	<sup>(5)</sup> <sup>(5)</sup> [A]	<sup>(5)</sup> <sup>(5)</sup> [A]	<sup>(4)</sup>

- Notes:
- (1) Intersection operates under signalized control under future background and future total conditions.
  - (2) Overall intersection LOS is not defined, as intersection operates under stop-control conditions.
  - (3) Approach operates under free-flow conditions. LOS is not defined.
  - (4) Approach does not exist.
  - (5) Intersection/approach does not exist under existing or future background conditions.
  - (6) Approach is private driveway.

## ROADWAY SEGMENT ANALYSIS

In addition to the intersection capacity analyses, an analysis was prepared for the identified roadway segments within the immediate vicinity of the proposed project.

### DATA COLLECTION

72-hour counts were gathered from November 12, 2024 (Tuesday) to November 14, 2024 (Thursday). Note that the maximum P.M. peak hour volumes observed during the 72-hour data collection peak periods were used in the analysis.

The appropriate FDOT peak season conversion factor of 1.01 was applied to the P.M. peak hour traffic counts as identified as part of the collected 72-hour traffic counts to adjust the traffic volumes to peak season conditions. The annual growth rate of 1.18 percent (1.18%) was applied to develop future traffic volumes. Additionally, the Chick-Fil-A Drive-Thru, Doral Central Park, BridgePrep Academy, and Doral Center developments were included as committed developments in future background and future total conditions. Roadway segment traffic volume counts can be found in Appendix C.

### ROADWAY CAPACITY ANALYSIS

Tables 4, 5, and 6 provide a summary of the peak hour roadway segment analysis for existing, future background, and future total conditions. The results indicate that the study roadway segments are expected to operate at LOS C under all analysis conditions. Excerpts from the FDOT's 2023 *Multimodal Quality Level of Service Handbook* are included in Appendix K.



Table 4: Existing Conditions Peak Hour Roadway Segment Capacity Analysis

Roadway	Segment	Facility Type <sup>(1)</sup>	Direction	Adopted LOS Standard	Existing (2024) Raw Volumes	Peak Season Correction Factor	Existing (2024) Peak Season Volumes	City of Doral LOS C Standard Volume <sup>(5)</sup>	City of Doral LOS D Standard Volume <sup>(5)</sup>	City of Doral Adopted LOS Standard Volume <sup>(5)</sup>	Existing LOS
					P.M. Peak Hour		P.M. Peak Hour				P.M. Peak Hour
NW 87 <sup>th</sup> Avenue	North of NW 33 <sup>rd</sup> Street	6LD <sup>(2)</sup>	NB/SB	D+20%	3,487	1.01	3,522	4,054	4,602	5,522	C
	South of NW 33 <sup>rd</sup> Street	6LD <sup>(2)</sup>	NB/SB	D+20%	3,417		3,451	4,054	4,602	5,522	C
NW 33 <sup>rd</sup> Street	West of NW 91 <sup>st</sup> Avenue	4LD <sup>(3)</sup>	EB/WB	D	2,120		2,141	2,608	3,109	3,109	C
	East of NW 91 <sup>st</sup> Avenue	4LD <sup>(3)</sup>	EB/WB	D	2,123		2,144	2,608	3,109	3,109	C
NW 92 <sup>nd</sup> Avenue	South NW 33 <sup>rd</sup> Street	4LU <sup>(4)</sup>	NB/SB	D	452		457	1,863	2,221	2,221	C

- Notes: (1) 6LD - Six-lane divided, 4LD - Four-lane divided, or 4LU – Four-lane undivided  
 (2) Based on FDOT C3C six-lane, divided, non-state signalized roadway (10% reduction) with exclusive left turn lanes (5% increase)  
 (3) Based on FDOT C3C four-lane, divided, non-state signalized roadway (10% reduction) with exclusive left turn lanes (5% increase)  
 (4) Based on FDOT C3C four-lane, undivided, non-state signalized roadway (10% reduction) with no exclusive left turn lane (25% reduction)  
 (5) Based on FDOT's 2023 *Multimodal Quality Level of Service Handbook*

Table 5: Future Background Conditions Peak Hour Roadway Segment Capacity Analysis

Roadway	Segment	Facility Type <sup>(1)</sup>	Direction	Adopted LOS Standard	Existing (2024) Peak Season Volumes	Growth Rate	Committed Developments <sup>(5)</sup>	Future (2027) Background Volumes	City of Doral LOS C Standard Volume <sup>(6)</sup>	City of Doral LOS D Standard Volume <sup>(6)</sup>	City of Doral Adopted LOS Standard Volume <sup>(6)</sup>	Future Background LOS
					P.M. Peak Hour		P.M. Peak Hour	P.M. Peak Hour				P.M. Peak Hour
NW 87 <sup>th</sup> Avenue	North of NW 33 <sup>rd</sup> Street	6LD <sup>(2)</sup>	NB/SB	D+20%	3,522	1.18%	364	4,012	4,054	4,602	5,522	C
	South of NW 33 <sup>rd</sup> Street	6LD <sup>(2)</sup>	NB/SB	D+20%	3,451		175	3,750	4,054	4,602	5,522	C
NW 33 <sup>rd</sup> Street	West of NW 91 <sup>st</sup> Avenue	4LD <sup>(3)</sup>	EB/WB	D	2,141		190	2,408	2,608	3,109	3,109	C
	East of NW 91 <sup>st</sup> Avenue	4LD <sup>(3)</sup>	EB/WB	D	2,144		276	2,497	2,608	3,109	3,109	C
NW 92 <sup>nd</sup> Avenue	South NW 33 <sup>rd</sup> Street	4LU <sup>(4)</sup>	NB/SB	D	457		75	548	1,863	2,221	2,221	C

- Notes: (1) 6LD - Six-lane divided, 4LD – Four-lane divided, or 4LU – Four-lane undivided  
 (2) Based on FDOT C3C six-lane, divided, non-state signalized roadway (10% reduction) with exclusive left turn lanes (5% increase)  
 (3) Based on FDOT C3C four-lane, divided, non-state signalized roadway (10% reduction) with exclusive left turn lanes (5% increase)  
 (4) Based on FDOT C3C four-lane, undivided, non-state signalized roadway (10% reduction) with no exclusive left turn lane (25% reduction)  
 (5) Committed developments include the *Chick-Fil-A Drive-Thru, Doral Central Park, BridgePrep Academy, and Doral Center* developments  
 (6) Based on FDOT's 2023 *Multimodal Quality Level of Service Handbook*

Table 6: Future Total Conditions Peak Hour Roadway Segment Capacity Analysis

Roadway	Segment	Facility Type <sup>(1)</sup>	Direction	Adopted LOS Standard	Future (2027) Background Volumes	Net New Project Distribution %		Net New Project Assignment	Future Total Volumes	City of Doral LOS C Standard Volume <sup>(2)</sup>	City of Doral LOS D Standard Volume <sup>(2)</sup>	City of Doral Adopted LOS Standard Volume <sup>(2)</sup>	Future Total LOS
					P.M. Peak Hour	In	Out	P.M. Peak Hour	P.M. Peak Hour				A.M. Peak Hour
NW 87 <sup>th</sup> Avenue	North of NW 33 <sup>rd</sup> Street	6LD <sup>(2)</sup>	NB/SB	D+20%	4,012	28%	28%	4	4,016	4,054	4,602	5,522	C
	South of NW 33 <sup>rd</sup> Street	6LD <sup>(2)</sup>	NB/SB	D+20%	3,750	27%	27%	3	3,753	4,054	4,602	5,522	C
NW 33 <sup>rd</sup> Street	West of NW 91 <sup>st</sup> Avenue	4LD <sup>(3)</sup>	EB/WB	D	2,408	43%	43%	5	2,413	2,608	3,109	3,109	C
	East of NW 91 <sup>st</sup> Avenue	4LD <sup>(3)</sup>	EB/WB	D	2,497	57%	57%	7	2,504	2,608	3,109	3,109	C
NW 92 <sup>nd</sup> Avenue	South NW 33 <sup>rd</sup> Street	4LU <sup>(4)</sup>	NB/SB	D	548	10%	10%	1	549	1,863	2,221	2,221	C

- Notes: (1) 6LD - Six-lane divided, 4LD - Four-lane divided, or 4LU – Four-lane undivided  
 (2) Based on FDOT C3C six-lane, divided, non-state signalized roadway (10% reduction) with exclusive left turn lanes (5% increase)  
 (3) Based on FDOT C3C four-lane, divided, non-state signalized roadway (10% reduction) with exclusive left turn lanes (5% increase)  
 (4) Based on FDOT C3C four-lane, undivided, non-state signalized roadway (10% reduction) with no exclusive left turn lane (25% reduction)  
 (5) Based on FDOT's 2023 *Multimodal Quality Level of Service Handbook*

## CONCLUSION

PDC Atlanta LPIV, LLC is proposing to redevelop the property located at 3511 NW 91<sup>st</sup> Avenue in Doral, Florida. Currently, the site proposed for redevelopment is occupied by an approximately 160,854 square-foot office building, including a daycare facility. The proposed redevelopment will consist of 153,654 square feet of warehouse space. Note that the existing development will be demolished as part of the project. The project is expected to be completed and opened by year 2027.

Access to the proposed redevelopment will be provided via one (1) right-in/right-out driveway located along the northeast side of the cul-de-sac at the end of NW 91<sup>st</sup> Avenue and one (1) right-in/right-out driveway located along the northwest side of the cul-de-sac at the end of NW 91<sup>st</sup> Avenue. Note that loading/service vehicle access will be provided via one (1) right in/right-out driveway located along the north side of the cul-de-sac at the end of NW 91<sup>st</sup> Avenue between the proposed project driveways.

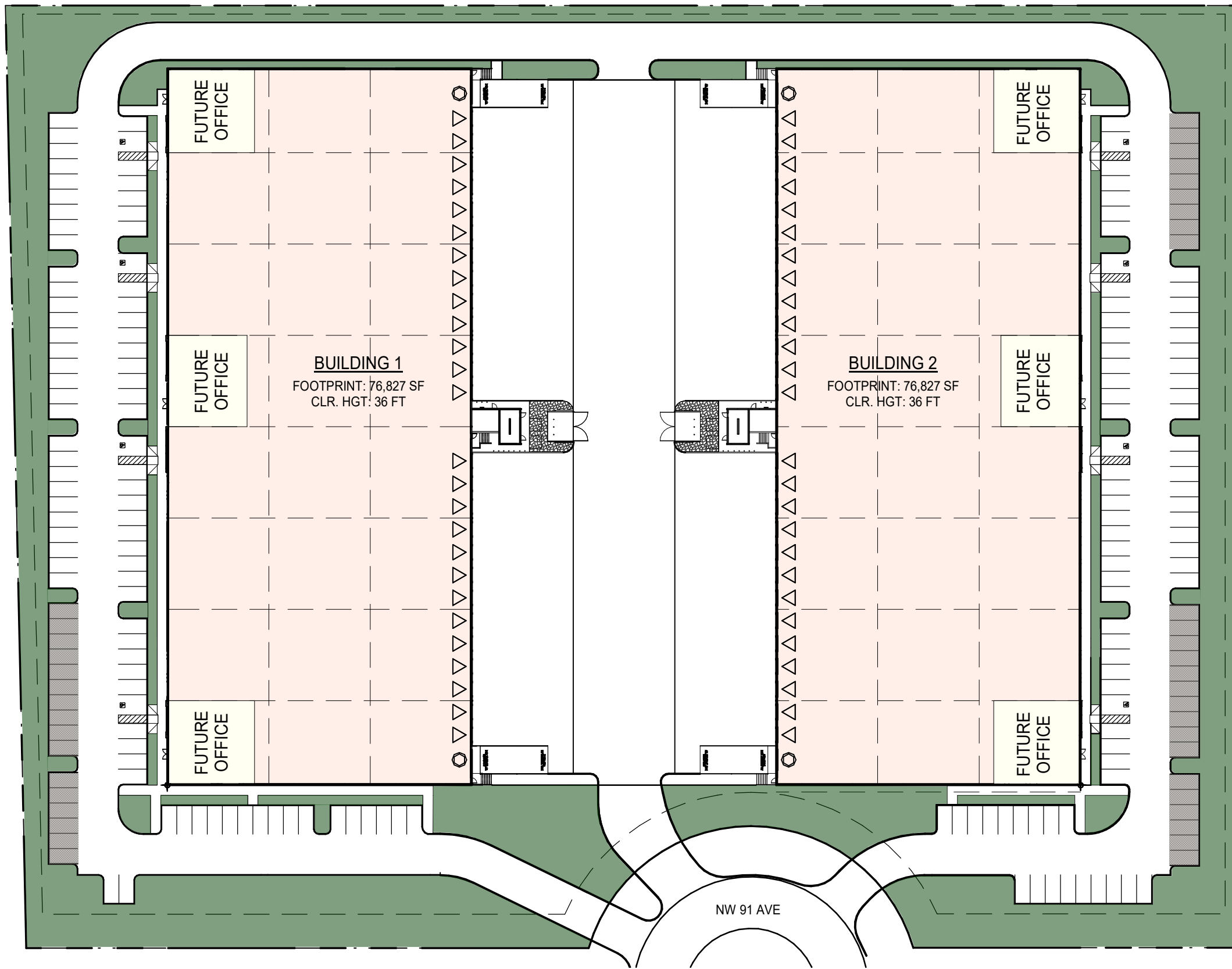
Trip generation calculations for the existing development and the proposed redevelopment were performed using rates and/or equations contained in the ITE's *Trip Generation Manual*, 11<sup>th</sup> Edition. The project is expected to result in a reduction of 203 net new external vehicular trips during the weekday A.M. peak hour and a reduction of 194 net new external vehicular trips during the weekday P.M. peak hour as compared to the existing office use. Therefore, the project is expected to represent a reduction in traffic during the peak hours as compared to the site's previous use as an office building with typical occupancy. However, as a result of the site's current underutilization and decreased occupancy, existing site trip generation data was collected. The project is expected to result in a reduction of 41 net new external vehicular trips during the weekday A.M. peak hour and an increase in 12 net new external vehicular trips during the weekday P.M. peak hour as compared to the collected existing site trip generation data.

The results of the intersection capacity analysis indicate that all study intersections are expected to operate at LOS E or better during the P.M. peak hour under all analysis scenarios with the exception of the southbound approach at the intersection of NW 89<sup>th</sup> Court and NW 33<sup>rd</sup> Street which is expected to operate at LOS F under future background and future total conditions. Note that the project does not assign traffic to the southbound approach at this intersection and the

delay at the southbound approach is expected to increase by 0.7 percent (0.7%) under future total conditions. Further note that a traffic signal is being proposed by another applicant at this intersection.

The results of the roadway segment analysis indicate that the study roadway segments are expected to operate at LOS C under all analysis conditions during the P.M. peak hour.

Appendix A  
Site Plan



**PROJECT DATA**

**ZONING**

PROPERTY ADDRESS: 3511 NW 91 ST. DORAL, FLORIDA 3511  
 FOLIO NO. 35-3028-018-0140  
 JURISDICTION DORAL, FLORIDA  
 ZONING DESIGNATIONS INDUSTRIAL COMMERCIAL (IC)  
 WEST POINTE BUSINESS PARK DEVELOPMENT OF REGIONAL IMPACT (DRI)

GROSS SITE AREA: 393,934 SF 9.04 AC

PARKING STANDARDS:  
 MIN STALL SIZE: 9 FT X 17 FT  
 DRIVE AISLE: 24 FT  
 FIRE LANE: 15 FT

MAX FAR: 0.50  
 MAX COVERAGE: 0.50  
 MAX BLDG. HGT: R.O.W. WIDTH (100 ft)

LANDSCAPE REQUIRED: 0.20  
 LANDSCAPE PROPOSED: 80,627 SF (0.20)

BUILDING 1 GROSS AREA: 76,827 SF (INCLUDING UTILITY)  
 FAR: 0.20  
 BUILDING 2 GROSS AREA: 76,827 SF (INCLUDING UTILITY)  
 FAR: 0.20

BLDG SETBACKS REQUIRED:  
 FRONT 20 FT  
 SIDE 15 FT  
 INTERIOR SIDE 5 FT  
 REAR 5 FT

BLDG SETBACKS PROPOSED:  
 FRONT 96'-4" FT  
 SIDE 85'-6" FT  
 INTERIOR SIDE N/A  
 REAR 37 FT

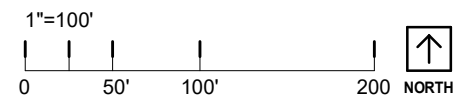
OFF-STREET PARKING REQ:  
 62 STALLS @ 10% OFFICE (1/250 SF)  
 126 STALLS WAREHOUSE (1/1100 SF)  
 8 STALLS REQ. ACCESSIBLE  
 188 STALLS REQUIRED TOTAL  
 200 STALLS

PARKING PROVIDED: 200 STALLS

DOCK DOORS: 52 DOORS  
 DRIVE-IN DOORS: 4 DOORS



07/30/2024



This conceptual design is based upon a preliminary review of entitlement requirements and on unverified and possibly incomplete site and/or building information, and is intended merely to assist in exploring how the project might be developed.

**OVERALL SITE PLAN**

3511 PDC DORAL  
 35 11 NW 91 AVE.  
 DORAL, FLORIDA 33172, MIA24-0032

**WARE MALCOMB**

07/29/24

PAGE  
**AD 1.0**

Appendix B  
Methodology Correspondence



October 15, 2024

Planning and Zoning  
Department

Melissa Tapanes Llahues, Esq.  
Bercow Radell Fernandez Larkin & Tapanes  
200 S. Biscayne Boulevard, Suite 300  
Miami, FL 33131

**Re:** 3511 NW 91 Avenue – Site Plan Review

**Project:** Panattoni Development Company, Inc. – PLAN-2408-0086

**Review:** 1<sup>st</sup> Review

**Location:** 3511 NW 91 Avenue Doral, Florida 33172

**Folio No.:** 35-3028-018-0140

**Plans:** Plans entitled "3511 PDC Doral", prepared by Ware Malcomb, dated stamped received August 22, 2024 consisting of 50 sheets.

**Request:** Approval of Site Plan Application

Dear Ms. Tapanes Llahues,

The Planning and Zoning and Public Works staff have reviewed the submitted site plan as a required condition of approval and have generated the following comments, which must be addressed prior to approval.

Planning and Zoning Comments:

Javier Pueyo — Planner

1. Miami-Dade County Fire Department approval required.
2. Miami-Dade County Department of Environmental Resources Management (DERM) approval required.
3. Miami-Dade County Tree Removal Permit required.
4. Miami-Dade County Traffic approval required.
5. Zoning workshop required.
6. Mayor and Council site plan review required.
7. Provide crosswalks for parking lot areas. As per Sec. 71-213 – All pedestrian walkways that traverse a drive aisle, must use pavers, stamped asphalt, or a similar material.
8. Provide vehicle/truck circulation plan.
9. A minimum of 20 percent of all required surface parking on a non-residential development site must be constructed using pervious or heat-reflective material with a solar reflective index (SRI) of 28 or greater such as open cell pavers, managed turf, pours pavement and/or other proven materials. Civil plans depict vehicular pervious pavers in certain areas of the parking lot; specify paver specifications (material, color, etc.) to be used and provide total square footage calculations. Consider providing pavers at vehicular entry ways to enhance aesthetics of both the project and the city.
10. The City adopted an electric vehicle (EV) ordinance (section 77-141). Although not required, it is strongly encouraged.
11. Photometric sheet ESP-1 depicts a pre-cast concrete pole. Consider using aluminum poles for site enhancement and aesthetics of the project.
12. Provide bicycle racks.
13. Landscaping sheet L-300 depicts low shrubs in the perimeter of the buildings. Provide taller trees and/or palms in these landscaping areas along with the shrubs to further break the mass of the warehouse buildings. The '*Florida Mast Tree*' also known as '*False Ashoka Tree*', is an option as it grows upward and tall, is wind tolerant, and develops well in the South Florida climate.
14. Above ground utilities equipment must be screened with landscaping.
15. All utilities including telephone, cable, and electrical systems shall be installed underground.
16. The applicant must coordinate with the city police department and implement crime prevention and enhanced safety features within the project. The site plan must demonstrate compliance with the Crime Prevention Through Environmental Design (CPTED) principles of



natural surveillance, access control, territorial reinforcement, and space management (Sec. 68-557. – Standards).

17. Compliance with Chapter 63 – “Green Building Incentives”, Section 63-7. – “Establishing the Green Building Bond” requires:
  - a. Prior to the issuance of a building permit the city is requiring the registrant to establish a Green Building Bond for a project that is subject to the requirements of this section.
  - b. The developer/owner/contractor shall provide the city with a performance bond, cash, or irrevocable letter of credit payment (“Green Building Bond”) in the amount of two percent of the master building permit construction cost value.
  - c. The city will hold the Green Building Bond for the time necessary for the green certification, or equivalent, to be issued 24 months after issuance of the certificate of occupancy or completion; whichever is less. The planning and zoning director may grant an extension upon receipt of supporting documentation showing the need for extra time. Upon receiving the final documentation from the applicant, the city shall release the full amount of the bond within 30 days.
  - d. If the applicant is unable to provide proof of green certification, or equivalent, within 24 months after issuance of the certificate of occupancy or completion, the full amount of the Green Building Bond shall be forfeited to the city. Any proceeds from the forfeiture of the bond shall be allocated toward funding initiatives specified under the Green Element in the Comprehensive Plan.
18. Project must comply with the City’s Public Art Program. Specify how the development program will comply with Ordinance No. 2015-09 “Public Arts Program”. Pursuant to Public Arts Program:
  - a. Specify how this project will contribute to the Public Arts Program.
  - b. “Art Work” installations shall be durable creations that can be original or limited editions of art including, but not be limited to, sculptures, murals, monuments, frescoes, fountains, paintings, stained glass, or ceramics and may include architectural designs, components or structures.
  - c. The “Art Work” medium can include, but not be limited to, glass, steel, bronze, wood, stone and concrete.
  - d. For purposes of the art program, “Art Work” does not include the following:
    - I. Directional elements, such as signage or graphics.
    - II. Objects that are mass produced in a standard design.
    - III. Landscape gardening unless substantially comprising durable elements defined as “Art Work” in Sec. 75-101.
    - IV. “Public Art In-Lieu Fee” means a fee paid to the City equal to one (1%) percent of construction costs.
19. Signage will be reviewed separately at time of building permit. Pursuant to sign guideline standards—direct-mount reverse illuminated, or internally illuminated channel letters are permitted.
20. Additional comments from Planning and Zoning may be forthcoming.

Public Works Comments:  
Bakari Smith – Plans Reviewer

21. Increase Driveway Spacing: The current layout shows driveways located too close to each other near the roundabout. To reduce conflict points and enhance traffic safety, it is recommended that driveways be spaced at least 50-100 feet apart. Driveways should also be set back a minimum of 50 feet from the edge of the circulatory roadway of the roundabout to minimize potential conflicts.
22. Ensure proper coordination with utility providers for sewer, water, gas, electric, and telecommunications systems, confirming adequate sizing and alignment of all utility infrastructure.
23. Verify that water and sewer connections meet City and Miami-Dade County standards, and that manhole and valve locations are easily accessible for maintenance.

Edna Sibila – Transportation Manager

24. Methodology approved.
25. Provide Traffic Analysis for review.
26. Approval from Miami-Dade County Traffic Engineering Division is required. Traffic approval will not be granted until MDC traffic Division approval is provided.

This letter serves as formal notification that you must revise your application and resubmit to the department the following:

- MUST provide a comment response/narrative of changes sheet indicating the page where the comment was addressed, highlight or cloud the change.
- A PDF of complete set of plans.

Please cloud any changes that have been made on the plans. If you have any questions or concerns, please feel free to contact our office at 305-593-6630.

Sincerely,



Javier Pueyo  
Planner

Cc: Michelle M. Lopez, Interim Planning and Zoning Director  
Carlos Arroyo, Public Works Director  
Stephanie Puglia, Development Review Coordinator

## MEMORANDUM

To: Edna Sibila  
City of Doral

From: Cory D. Dorman, P.E., PTOE

Date: July 30, 2024

**Subject: 3511 NW 91<sup>st</sup> Avenue  
Traffic Study Methodology**

The purpose of this memorandum is to summarize the traffic study methodology for the proposed residential redevelopment located at 3511 NW 91<sup>st</sup> Avenue in Doral, Florida. Currently the site proposed for redevelopment is occupied by an approximately 160,854 square-foot office building, including a daycare facility. The proposed redevelopment program will consist of 153,654 square feet of warehouse space. Note that the existing office building will be demolished as part of the proposed redevelopment. A project location map and site plan are provided in Attachment A. The following sections summarize our proposed methodology.

### TRIP GENERATION

Trip generation calculations for the existing development and proposed redevelopment were performed using the Institute of Transportation Engineers' (ITE) *Trip Generation Manual*, 11<sup>th</sup> Edition. The trip generation for the existing development was determined using ITE Land Use Code (LUC) 710 (General Office Building) to estimate the trip generation potential of the previously operational office building. Additionally, based on discussions with City of Doral staff via conference call on Monday, July 1<sup>st</sup>, 2024, as part of the project pre-application meeting, traffic counts were collected at the existing project driveways in order to estimate the existing site trip generation. The trip generation for the proposed redevelopment was determined using ITE LUC 150 (Warehousing).

A multimodal (public transit, bicycle, and pedestrian) factor based on US Census *Means of Transportation to Work* data was reviewed for the census tract in which the redevelopment is located. A multimodal factor of 3.6 percent (3.6%) was calculated and applied to the trip generation calculations to account for the urban environment in which the project site is located. It is expected that a portion of employees will choose to walk, bike, or use public transit to and from the proposed redevelopment. Transit route information will be documented in the report.

Two (2) Miami-Dade County Department of Transportation and Public Works (DTPW) routes and two (2) City of Doral Trolley route currently operate in close proximity (within ½ mile) to the site during the A.M. and P.M. peak hours. Detailed transit route information is included in Attachment B.

- **DTPW Route 87** operates along NW 87<sup>th</sup> Avenue in the vicinity of the project site with the nearest stop located south of NW 33<sup>rd</sup> Street. This route operates with approximately 30-minute headways in the northbound and southbound directions during the A.M and P.M. peak hours.
- **DTPW Route 95 (Golden Glades Express)** operates along NW 36<sup>th</sup> Street and NW 87<sup>th</sup> Avenue in the vicinity of the project site with the nearest stop located along NW 87<sup>th</sup> Avenue

south of NW 33<sup>rd</sup> Street. This route operates with approximately 10 to 30-minute headways in the northbound and southbound directions during the A.M and P.M. peak hours.

- **City of Doral Trolley Route 1** operates along NW 87<sup>th</sup> Avenue in the vicinity of the project site with the nearest stop located just south of NW 33<sup>rd</sup> Street. This route operates with approximately 29 to 31-minute headway in the northbound direction during the A.M peak hour and approximately 23 to 33-minute headways in the northbound direction during the P.M. peak hour.
- **City of Doral Trolley Route 2** operates along NW 33<sup>rd</sup> Street in the vicinity of the project site with the nearest stop located just west of NW 89<sup>th</sup> Court. This route operates with approximately 41 to 68-minute headways in the westbound direction during the A.M peak hour and 44 to 67-minute headways in the westbound direction during the P.M. peak hour.

As shown in Table 1, the project is expected to result in a reduction of 203 net new external vehicular trips during the weekday A.M. peak hour and a reduction of 194 net new external vehicular trips during the weekday P.M. peak hour as compared to the previously operational office building. Therefore, the project is expected to represent a reduction in traffic during the peak hours as compared to the site's previous use as an office building with typical occupancy. However, as a result of the site's current underutilization and decreased occupancy, existing site trip generation data was collected. The project is expected to result in a reduction of 41 net new external vehicular trips during the weekday A.M. peak hour and an increase in 12 net new external vehicular trips during the weekday P.M. peak hour as compared to the collected existing site trip generation data. Trip generation calculations may be revised based on revisions to the redevelopment program or site plan modifications. Detailed trip generation calculations, collected existing trip generation data, and US Census *Means of Transportation to Work* data are included in Attachment C.

<b>Table 1: Proposed Net New Trip Generation</b>				
<b>A.M. (P.M.) Peak Hour</b>				
<b>Land Use (ITE Code)</b>	<b>Scale</b>	<b>Entering Trips</b>	<b>Exiting Trips</b>	<b>Net New External Trips</b>
<i>Existing Development – Previously Operational Office Building (A)</i>				
General Office Building (710) <sup>(1)</sup>	160,854 square feet	214 (40)	29 (197)	243 (237)
<i>Existing Development – Current Site Operations (B)</i>				
General Office Building <sup>(2)</sup>	160,854 square feet	47 (12)	34 (19)	81 (31)
<i>Proposed Redevelopment (C)</i>				
Warehousing (150)	153,654 square feet	31 (12)	9 (31)	40 (43)
<i>Net New Redevelopment (C-A)</i>				
<b>Net New Vehicle Trips (vph)</b>		-183 (-28)	-20 (-166)	-203 (-194)
<i>Net New Redevelopment (C-B)</i>				
<b>Net New Vehicle Trips (vph)</b>		-16 (0)	-25 (12)	-41 (12)

Note: <sup>(1)</sup> Existing development trip generation based on estimated trip generation potential of the previously operational office building.

<sup>(2)</sup> Existing development trip generation based on traffic counts collected at the existing project driveways in order to estimate the existing site trip generation.

## STUDY AREA

As the proposed redevelopment is expected to result in a reduction in net new vehicular trips during the A.M. peak hour as compared to the existing trip generation potential of the previously operational office building and as compared to the collected existing site trip generation data, a traffic impact analysis consistent with the City of Doral's Level 1 traffic study will be prepared for the P.M. peak hour period only. The following intersections in addition to the project driveways are proposed to be analyzed:

1. NW 92<sup>nd</sup> Avenue and NW 33<sup>rd</sup> Street
2. NW 91<sup>st</sup> Avenue and NW 33<sup>rd</sup> Street
3. NW 89<sup>th</sup> Court and NW 33<sup>rd</sup> Street
4. NW 87<sup>th</sup> Avenue and NW 33<sup>rd</sup> Street

The following roadway segments were identified for analysis:

1. NW 87<sup>th</sup> Avenue north of NW 33<sup>rd</sup> Street
2. NW 87<sup>th</sup> Avenue south of NW 33<sup>rd</sup> Street
3. NW 33<sup>rd</sup> Street west of NW 91<sup>st</sup> Avenue
4. NW 33<sup>rd</sup> Street east of NW 91<sup>st</sup> Avenue
5. NW 92<sup>nd</sup> Avenue south NW 33<sup>rd</sup> Street

## DATA COLLECTION

Turning movement counts will be collected on a typical weekday (Tuesday, Wednesday, or Thursday) during the P.M. (4:00 P.M. to 6:00 P.M.) peak period at all study intersections. Turning movement counts will be collected in 15-minute intervals and will include pedestrian, bicycle, and truck data. Additionally, continuous 72-hour roadway segment data will be collected on a typical Tuesday through Thursday along all study roadway segments. The highest P.M. peak hour roadway traffic volumes identified as part of the 72-hour counts will be utilized in the analysis. Roadway segment data will be collected in 15-minute intervals.

All traffic counts will be adjusted to peak season conditions using the appropriate Florida Department of Transportation (FDOT) peak season category factors. Traffic signal timing information will be obtained from Miami-Dade County Department of Transportation and Public Works – Traffic Signals & Signs Division. All traffic data collected will be provided in the Appendix of the traffic impact study.

## TRIP DISTRIBUTION

The likely distribution of project traffic was forecast for the trips expected to be generated by the proposed redevelopment. The trip distribution was based on an interpolated cardinal trip distribution for the project site's traffic analysis zone (TAZ) obtained from the Miami-Dade Transportation Planning Organization's (TPO) *2045 Cost Feasible Plan* travel demand model 2015 and 2045 data. The trip distribution for the anticipated build-out year of 2027 was interpolated from the 2015 and 2045 data. The project is located within TAZ 726. The cardinal distribution is included in Attachment D.

## BACKGROUND GROWTH RATE/MAJOR COMMITTED DEVELOPMENT

A background growth rate will be calculated based on historic growth trends at nearby Florida Department of Transportation (FDOT) traffic count stations. Additionally, growth rates based on the Florida Standard Urban Model Structure (FSUTMS) Southeast Regional Planning Model (SERPM)

projected 2015 and 2045 model network volumes will be examined. The FDOT historic growth rate with highest R-squared value will be compared with the growth rate determined from the FSUTMS SERPM model. The higher of the two (2) growth rates will be used in the analysis. Documentation will be provided in the Appendix of the traffic impact study. If a negative growth rate is determined, a growth rate of 0.5 percent (0.5%) will be assumed to provide a conservative analysis.

The City identified the following committed developments to be included as part of future traffic conditions. Committed development information will be included in the appendix of the traffic impact analysis.

- Chick-fil-A Drive-Thru
- Doral Central Park
- BridgePrep Academy
- Doral Center

Additionally, based on input from City of Doral staff, the intersection of NW 92<sup>nd</sup> Avenue and NW 33<sup>rd</sup> Street will be assumed to be signalized as part of future conditions.

## CAPACITY ANALYSIS

Capacity analyses will be conducted for the weekday P.M. peak hour at the study intersections. Intersection analyses will be performed using *Synchro* traffic engineering analysis software which applies the Transportation Research Board's (TRB's), *Highway Capacity Manual* (HCM) 2000 and 6<sup>th</sup> Edition methodologies. Additionally, roadway segment capacity analyses along the study area roadway segments will be conducted using FDOT's 2023 *Multimodal Quality/LOS Handbook*.

Capacity analyses will be conducted for three (3) scenarios: existing, future build-out without project (future background conditions), and future build-out with project (future total conditions). A build-out year of 2026 will be used in the analysis.

The following figures will be included for the study intersections:

- Existing conditions
- Future background traffic conditions (with growth rate and committed development traffic)
- Trip distribution
- Trip assignment
- Future total traffic conditions (with project)

## TURN LANE ANALYSIS

A turn-lane analysis will be conducted for the project driveways along NW 91<sup>st</sup> Avenue during the P.M. peak hour. The analysis will determine whether exclusive right-turn lanes will be required based on Section 77-46 of the City's *Code of Ordinances*.

## DOCUMENTATION

The results of the traffic analysis will be summarized in a report. The report will include supporting documents including signal timings, lane geometry, and software output sheets. The report will also include text and graphics necessary to summarize the assumptions and analysis.

METHODOLOGY

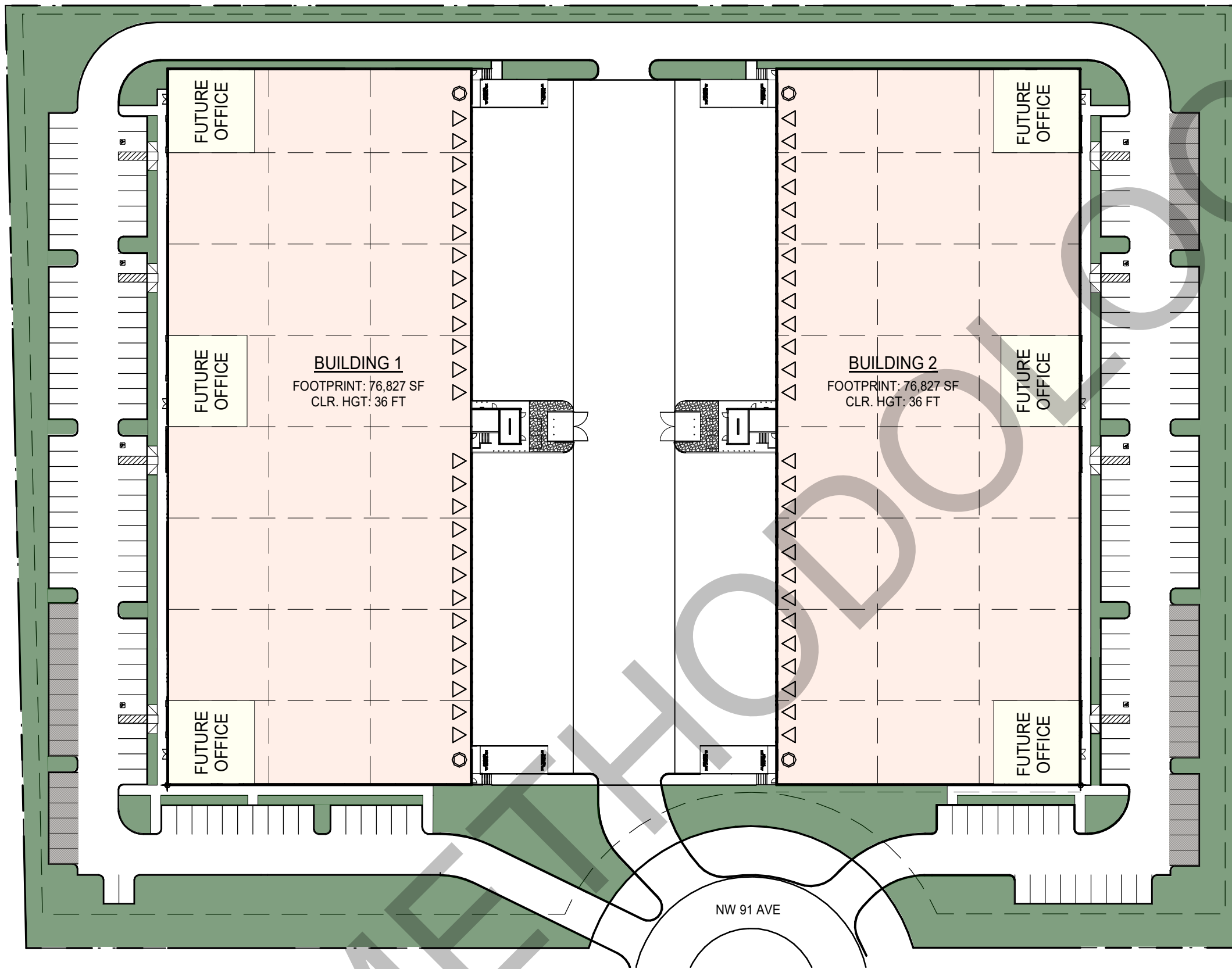
**Attachment A**

Project Location Map and Site Plan



Figure 1  
Location Map  
3511 NW 91st Avenue  
Doral, Florida





**PROJECT DATA**

**ZONING**

PROPERTY ADDRESS: 3511 NW 91 ST. DORAL, FLORIDA 35-3028-018-0140  
 JURISDICTION: DORAL, FLORIDA  
 ZONING DESIGNATIONS: INDUSTRIAL COMMERCIAL (IC)  
 WEST POINTE BUSINESS PARK DEVELOPMENT OF REGIONAL IMPACT (DRI)

GROSS SITE AREA: 393,934 SF 9.04 AC

PARKING STANDARDS:  
 MIN STALL SIZE: 9 FT X 17 FT  
 DRIVE AISLE: 24 FT  
 FIRE LANE: 15 FT

MAX FAR: 0.50  
 MAX COVERAGE: 0.50  
 MAX BLDG. HGT: R.O.W. WIDTH (100 ft)

LANDSCAPE REQUIRED: 0.20  
 LANDSCAPE PROPOSED: 80,627 SF (0.20)

BUILDING 1 GROSS AREA: 76,827 SF (INCLUDING UTILITY)  
 FAR: 0.20  
 BUILDING 2 GROSS AREA: 76,827 SF (INCLUDING UTILITY)  
 FAR: 0.20

BLDG SETBACKS REQUIRED:  
 FRONT: 20 FT  
 SIDE: 15 FT  
 INTERIOR SIDE: 5 FT  
 REAR: 5 FT

BLDG SETBACKS PROPOSED:  
 FRONT: 96'-4" FT  
 SIDE: 85'-6" FT  
 INTERIOR SIDE: N/A  
 REAR: 37 FT

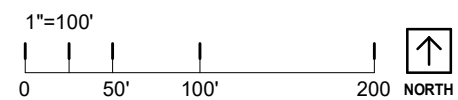
OFF-STREET PARKING REQ:  
 62 STALLS @ 10% OFFICE (1/250 SF)  
 126 STALLS WAREHOUSE (1/1100 SF)  
 8 STALLS REQ. ACCESSIBLE  
 188 STALLS REQUIRED TOTAL  
 200 STALLS

PARKING PROVIDED:

DOCK DOORS: 52 DOORS  
 DRIVE-IN DOORS: 4 DOORS



07/30/2024



This conceptual design is based upon a preliminary review of entitlement requirements and on unverified and possibly incomplete site and/or building information, and is intended merely to assist in exploring how the project might be developed.

**OVERALL SITE PLAN**

3511 PDC DORAL  
 35 11 NW 91 AVE.  
 DORAL, FLORIDA 33172, MIA24-0032

**WARE MALCOMB**

07/29/24

PAGE  
**AD 1.0**

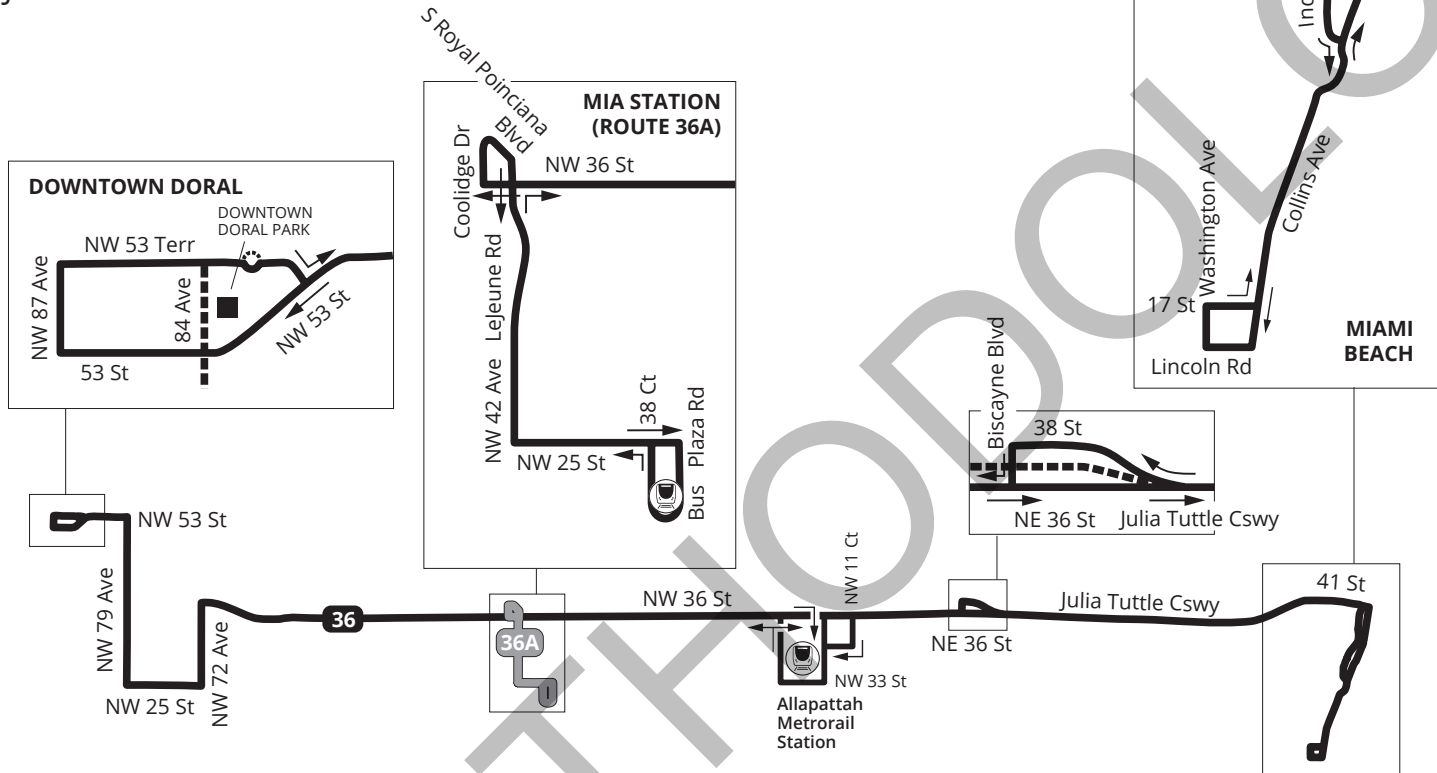
METHODOLOGY

**Attachment B**

Transit Service Data

**MIAMI BEACH – AIRPORT – DORAL**

Weekday and weekend service from Doral, Airport Station to Miami Beach via NW 36 St. Route serves Miami International Airport, Downtown Doral, Allapattah Station, Jackson West.



	Weekdays	Weekends
Peak Frequency	15/30	30 Sat 20/40 Sun
Off Peak Frequency	15/30	
Span of Service	4:00 AM to 12:00 AM	5:00 AM to 12:00 AM

**ROUTE 36**

Weekday			Saturday			Sunday		
FROM	TO	EVERY	FROM	TO	EVERY	FROM	TO	EVERY
04:00	06:00	60 min	05:00	07:00	60 min	06:00	08:00	60 min
06:00	22:00	30 min	07:00	22:00	30 min	08:00	20:00	40 min
22:00	24:00	60 min	22:00	24:00	60 min			

**ROUTE 36A**

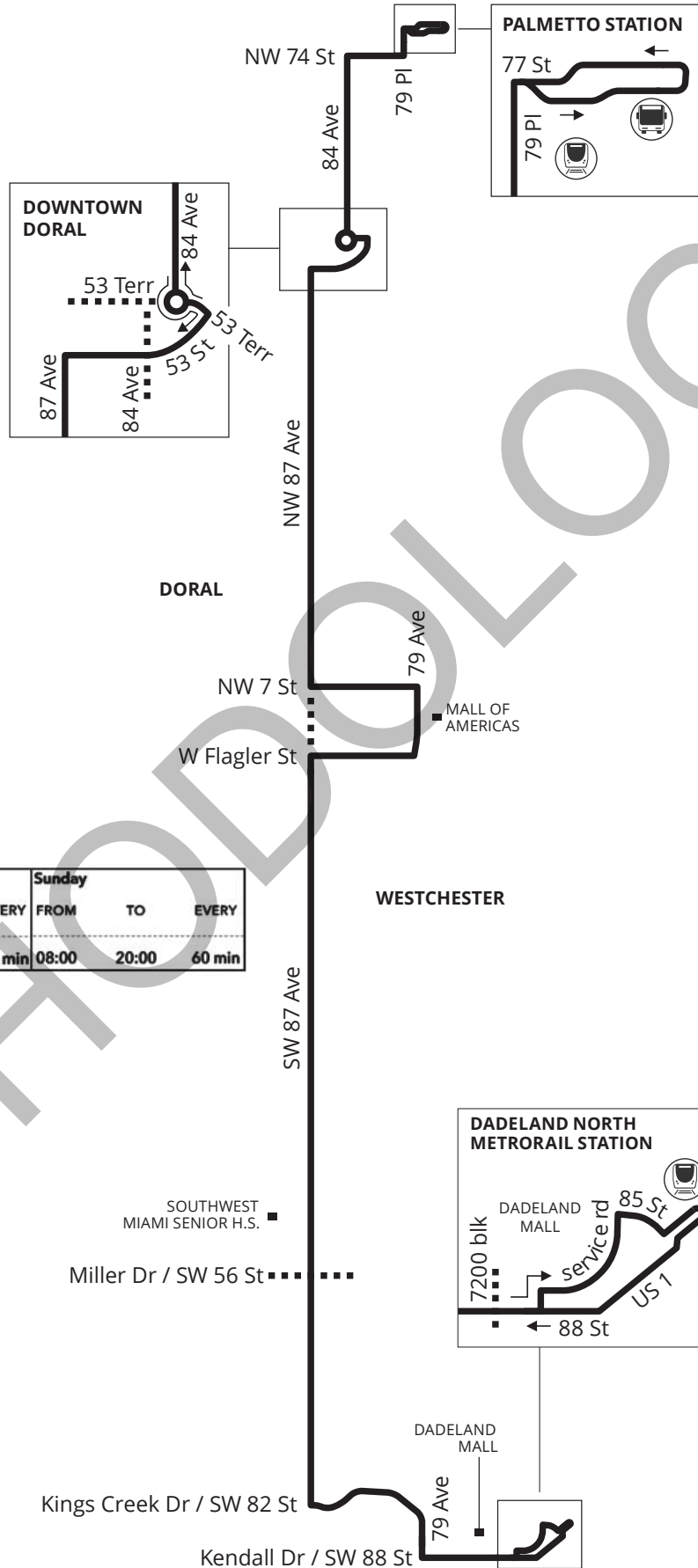
Weekday			Saturday			Sunday		
FROM	TO	EVERY	FROM	TO	EVERY	FROM	TO	EVERY
04:00	06:00	60 min	05:00	07:00	60 min	05:00	08:00	60 min
06:00	22:00	30 min	07:00	22:00	30 min	08:00	20:00	40 min
22:00	24:00	60 min	22:00	24:00	60 min	20:00	24:00	60 min



MAP NOT TO SCALE

**PALMETTO STATION – DORAL  
– DADELAND VIA 87 AVE**

Weekday and weekend service from Palmetto Station to Dadeland North Station. Route serves, Medley, Doral, Kendall.



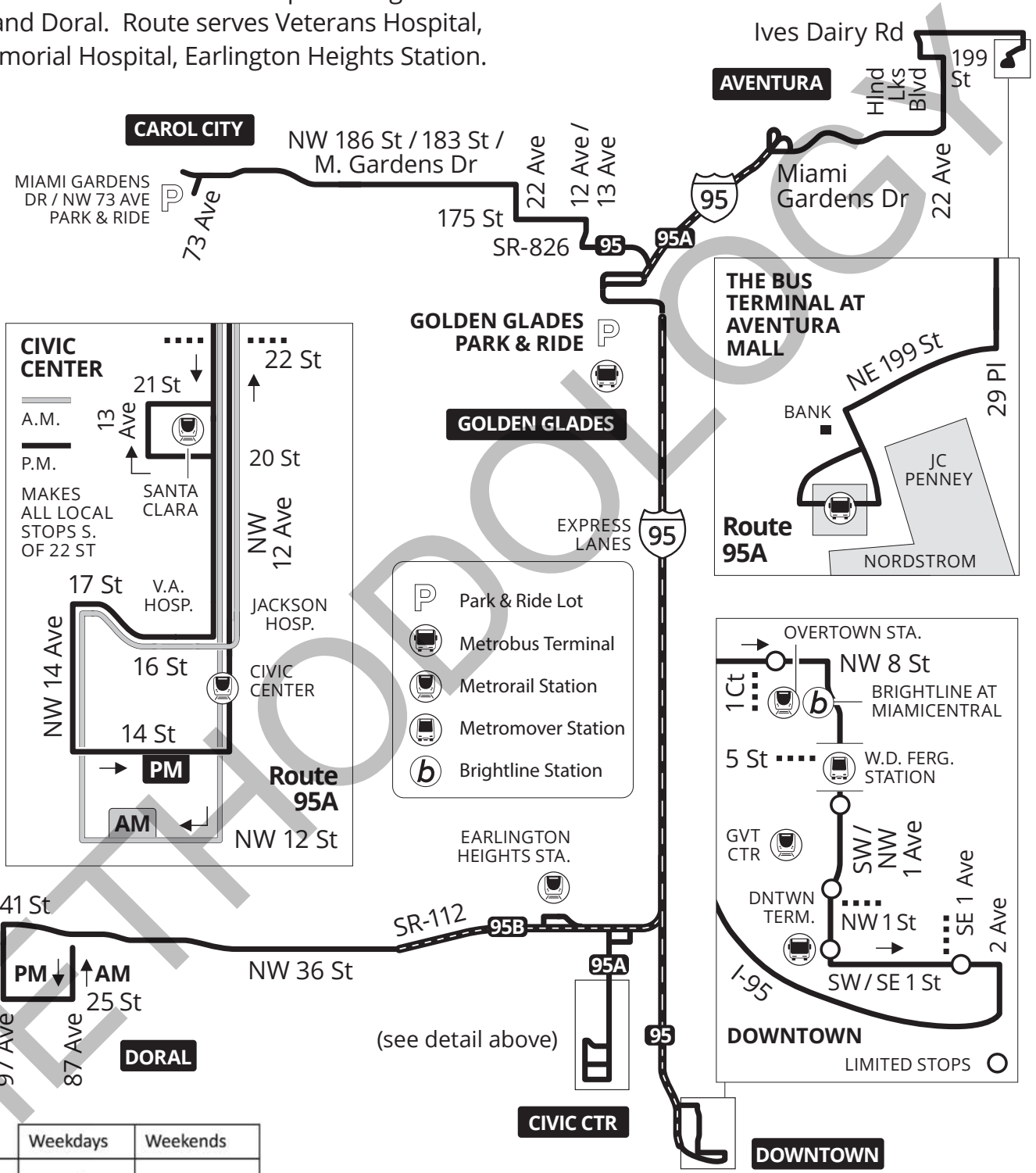
Weekday			Saturday			Sunday		
FROM	TO	EVERY	FROM	TO	EVERY	FROM	TO	EVERY
05:00	06:00	60 min	07:00	20:00	30 min	08:00	20:00	60 min
06:00	19:00	30 min						
19:00	22:00	60 min						



# GOLDEN GLADES EXPRESS 95

## 95/95A/95B – I-95 GOLDEN GLADES EXPRESS

Weekday peak service from Golden Glades to Downtown Miami and Civic Center with come trips serving Aventura Carol City, and Doral. Route serves Veterans Hospital, Jackson Memorial Hospital, Earlington Heights Station.



	Weekdays	Weekends
Peak Frequency	10/30	No service
Off Peak Frequency	No service	
Span of Service	5:30 AM to 9:30 AM; 2:30 PM to 6:15 PM	



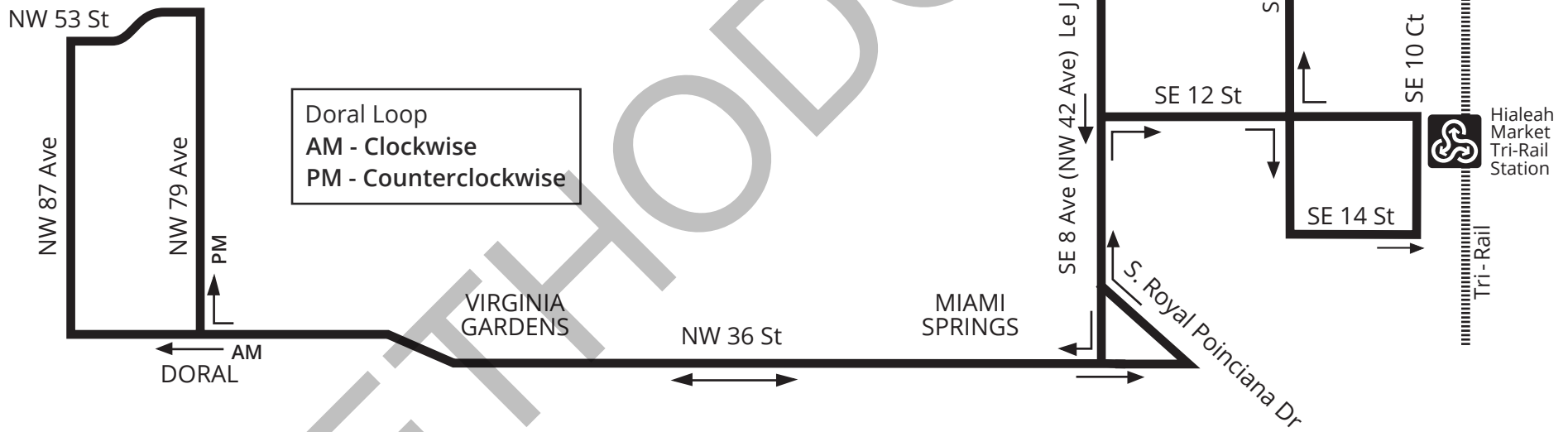
MAP NOT TO SCALE

TRI-RAIL DORAL SHUTTLE

**HIALEAH MARKET TRI-RAIL STATION - DORAL VIA 36 ST**

Weekday peak service from Hialeah Market Tri-Rail Station to Downtown Doral via NW 36 St. Route serves Hialeah, Miami Springs, Virginia Gardens

Weekday		
FROM	TO	EVERY
06:30	09:00	60 min
15:00	17:45	60 min



MAP NOT TO SCALE



# Doral Trolley Route Map



## Legend

- Route One
- Route Two
- Route Three
- Water
- City Boundary
- ★ Transfer between Route One / Route Two
- ★ Transfer between Route One / Route Three
- ★ Transfer between Route Two / Route Three
- Metrorail









Weekday Route 1 SOUTHBOUND

Table with columns: Stop #, Road, Location, Nearby Landmark, and 36 time slots (B-1 to B-4, Peak 1 to Peak 2, B-1 to B-4). Rows list stops from 1039 to 1005 with their respective arrival and departure times.

**Doral Trolley Route 2 Weekday Schedule**

Direction	Stop	Road	Location	Nearby Landmark	B-1	B-2	B-1	B-2	B-1	B-2	B-1	B-2	B-1	B-2	B-1	B-2	B-1	B-2	B-1	B-2	B-1	B-2
SB	2001	NW 79 Pl	NW 77 St	MetroRail Station	6:14 AM	6:59 AM	7:39 AM	8:49 AM	9:29 AM	10:19 AM	10:54 AM	11:46 AM	12:23 PM	1:09 PM	1:54 PM	2:40 PM	3:24 PM	4:24 PM	5:09 PM	6:15 PM	6:53 PM	7:59 PM
	2002	NW 87 Ave	South of NW 58 St		6:24 AM	7:10 AM	7:50 AM	8:59 AM	9:39 AM	10:29 AM	11:04 AM	11:56 AM	12:33 PM	1:19 PM	2:04 PM	2:50 PM	3:34 PM	4:35 PM	5:19 PM	6:25 PM	7:03 PM	8:09 PM
	2003	NW 53 St	East of NW 87 Ave		6:25 AM	7:12 AM	7:52 AM	9:00 AM	9:41 AM	10:31 AM	11:05 AM	11:57 AM	12:35 PM	1:21 PM	2:05 PM	2:52 PM	3:36 PM	4:36 PM	5:21 PM	6:27 PM	7:05 PM	8:11 PM
	2004	NW 53 St	East of NW 84 Ave	Downtown Doral Charter Elementary	6:26 AM	7:13 AM	7:53 AM	9:01 AM	9:42 AM	10:32 AM	11:06 AM	11:58 AM	12:36 PM	1:22 PM	2:06 PM	2:53 PM	3:37 PM	4:37 PM	5:22 PM	6:28 PM	7:06 PM	8:12 PM
	2005	NW 53 St	East of NW 52 Terr		6:26 AM	7:13 AM	7:53 AM	9:02 AM	9:42 AM	10:32 AM	11:06 AM	11:59 AM	12:36 PM	1:22 PM	2:06 PM	2:53 PM	3:37 PM	4:38 PM	5:22 PM	6:28 PM	7:06 PM	8:12 PM
	2006	NW 53 St	West of 8100	Cordoba	6:28 AM	7:14 AM	7:55 AM	9:03 AM	9:43 AM	10:33 AM	11:08 AM	12:00 PM	12:37 PM	1:23 PM	2:08 PM	2:54 PM	3:39 PM	4:39 PM	5:23 PM	6:29 PM	7:07 PM	8:13 PM
	2007	NW 79 Ave	South of NW 50 St	Doral Gardens II	6:29 AM	7:16 AM	7:56 AM	9:04 AM	9:45 AM	10:35 AM	11:09 AM	12:01 PM	12:39 PM	1:25 PM	2:09 PM	2:56 PM	3:41 PM	4:41 PM	5:25 PM	6:31 PM	7:09 PM	8:15 PM
	2008	NW 79 Ave	South of NW 48 Way	Doral Gardens II	6:30 AM	7:17 AM	7:57 AM	9:05 AM	9:45 AM	10:36 AM	11:10 AM	12:02 PM	12:39 PM	1:26 PM	2:10 PM	2:57 PM	3:42 PM	4:42 PM	5:26 PM	6:32 PM	7:09 PM	8:16 PM
	2009	NW 79 Ave	South of NW 46 St	Doral Gardens I	6:31 AM	7:18 AM	7:58 AM	9:06 AM	9:46 AM	10:36 AM	11:11 AM	12:03 PM	12:40 PM	1:26 PM	2:11 PM	2:58 PM	3:43 PM	4:43 PM	5:27 PM	6:33 PM	7:10 PM	8:16 PM
	2010	NW 79 Ave	North of NW 41 St		6:31 AM	7:19 AM	7:59 AM	9:07 AM	9:47 AM	10:37 AM	11:11 AM	12:04 PM	12:41 PM	1:27 PM	2:11 PM	3:00 PM	3:44 PM	4:44 PM	5:28 PM	6:35 PM	7:11 PM	8:17 PM
	2011	NW 79 Ave	North of NW 36 St	Peruvian Fresh Express	6:32 AM	7:20 AM	8:00 AM	9:07 AM	9:48 AM	10:38 AM	11:12 AM	12:04 PM	12:42 PM	1:28 PM	2:12 PM	3:01 PM	3:45 PM	4:45 PM	5:29 PM	6:36 PM	7:12 PM	8:18 PM
	2012	NW 79 Ave	South of NW 37 St	Hampton Inn	6:33 AM	7:20 AM	8:01 AM	9:08 AM	9:48 AM	10:39 AM	11:13 AM	12:05 PM	12:42 PM	1:29 PM	2:13 PM	3:01 PM	3:45 PM	4:46 PM	5:30 PM	6:36 PM	7:12 PM	8:19 PM
	2013	NW 79 Ave	North of NW 33 St		6:34 AM	7:21 AM	8:01 AM	9:09 AM	9:49 AM	10:39 AM	11:14 AM	12:06 PM	12:43 PM	1:29 PM	2:14 PM	3:02 PM	3:46 PM	4:46 PM	5:30 PM	6:37 PM	7:13 PM	8:19 PM
	2063	NW 79 Ave	North of NW 29 St	Doral Décor District	6:35 AM	7:22 AM	8:02 AM	9:10 AM	9:50 AM	10:40 AM	11:15 AM	12:07 PM	12:44 PM	1:30 PM	2:15 PM	3:02 PM	3:47 PM	4:47 PM	5:31 PM	6:37 PM	7:14 PM	8:20 PM
	2064	NW 79 Ave	North of NW 25 St	Jackson West Medical Center	6:36 AM	7:23 AM	8:03 AM	9:11 AM	9:51 AM	10:41 AM	11:16 AM	12:08 PM	12:45 PM	1:31 PM	2:16 PM	3:03 PM	3:47 PM	4:48 PM	5:32 PM	6:38 PM	7:15 PM	8:21 PM
	2065	NW 82 Ave	North of NW 27 St		6:38 AM	7:24 AM	8:05 AM	9:13 AM	9:53 AM	10:43 AM	11:18 AM	12:10 PM	12:47 PM	1:33 PM	2:18 PM	3:05 PM	3:49 PM	4:49 PM	5:34 PM	6:40 PM	7:17 PM	8:23 PM
	2066	NW 82 Ave	South of NW 31 St		6:39 AM	7:25 AM	8:06 AM	9:14 AM	9:54 AM	10:44 AM	11:19 AM	12:11 PM	12:48 PM	1:34 PM	2:19 PM	3:06 PM	3:50 PM	4:50 PM	5:35 PM	6:41 PM	7:18 PM	8:24 PM
	2014	NW 33 St	West of NW 82 Ave	Oasis	6:39 AM	7:26 AM	8:07 AM	9:15 AM	9:55 AM	10:45 AM	11:19 AM	12:12 PM	12:49 PM	1:35 PM	2:19 PM	3:07 PM	3:51 PM	4:51 PM	5:35 PM	6:42 PM	7:19 PM	8:25 PM
	2015	NW 33 St	West of NW 84 Ave	Opp. Renaissance Elementary	6:40 AM	7:27 AM	8:08 AM	9:15 AM	9:55 AM	10:46 AM	11:20 AM	12:12 PM	12:49 PM	1:36 PM	2:20 PM	3:08 PM	3:52 PM	4:52 PM	5:36 PM	6:43 PM	7:19 PM	8:26 PM
	2016	NW 33 St	East of NW 87 Ave	Carnival Cruise Line	6:41 AM	7:28 AM	8:08 AM	9:16 AM	9:56 AM	10:46 AM	11:21 AM	12:13 PM	12:50 PM	1:36 PM	2:21 PM	3:08 PM	3:52 PM	4:53 PM	5:37 PM	6:43 PM	7:20 PM	8:26 PM
	2017	NW 33 St	West of NW 87 Ave	Wawa	6:41 AM	7:29 AM	8:09 AM	9:16 AM	9:57 AM	10:47 AM	11:21 AM	12:13 PM	12:51 PM	1:37 PM	2:21 PM	3:09 PM	3:53 PM	4:53 PM	5:38 PM	6:44 PM	7:21 PM	8:27 PM
	2018	NW 33 St	West of NW 89 Ct	Miami Herald	6:42 AM	7:31 AM	8:11 AM	9:17 AM	9:58 AM	10:48 AM	11:22 AM	12:14 PM	12:52 PM	1:38 PM	2:22 PM	3:10 PM	3:54 PM	4:55 PM	5:39 PM	6:45 PM	7:22 PM	8:28 PM
	2019	NW 33 St	West of 9300 Blk	U.S. Southern Command	6:43 AM	7:32 AM	8:12 AM	9:18 AM	9:59 AM	10:49 AM	11:23 AM	12:15 PM	12:53 PM	1:39 PM	2:23 PM	3:11 PM	3:56 PM	4:56 PM	5:40 PM	6:46 PM	7:23 PM	8:29 PM
	2020	NW 97 Ave	South of NW 33 St	Costa Brava	6:44 AM	7:34 AM	8:14 AM	9:20 AM	10:00 AM	10:50 AM	11:24 AM	12:17 PM	12:54 PM	1:40 PM	2:24 PM	3:13 PM	3:57 PM	4:57 PM	5:42 PM	6:48 PM	7:24 PM	8:30 PM
	2067	NW 97 Ave	South of NW 27 St		6:47 AM	7:37 AM	8:18 AM	9:22 AM	10:02 AM	10:52 AM	11:27 AM	12:19 PM	12:56 PM	1:42 PM	2:27 PM	3:16 PM	4:00 PM	5:01 PM	5:45 PM	6:51 PM	7:26 PM	8:32 PM
	2068	NW 97 Ave	South of NW 25 St	Doral Academy Elementary	6:48 AM	7:40 AM	8:20 AM	9:23 AM	10:04 AM	10:54 AM	11:28 AM	12:20 PM	12:58 PM	1:44 PM	2:28 PM	3:18 PM	4:03 PM	5:03 PM	5:47 PM	6:53 PM	7:28 PM	8:34 PM
	2069	NW 17 St	West of NW 97 Ave	United States Postal Service	6:49 AM	7:41 AM	8:21 AM	9:24 AM	10:05 AM	10:55 AM	11:29 AM	12:21 PM	12:59 PM	1:45 PM	2:29 PM	3:19 PM	4:04 PM	5:04 PM	5:48 PM	6:54 PM	7:29 PM	8:35 PM
	2070	NW 17 St	East of NW 102 Ave	DoubleTree Hotel and Residence Inn Hotel	6:50 AM	7:42 AM	8:22 AM	9:25 AM	10:05 AM	10:56 AM	11:30 AM	12:22 PM	12:59 PM	1:46 PM	2:30 PM	3:20 PM	4:04 PM	5:05 PM	5:49 PM	6:55 PM	7:29 PM	8:36 PM
2071	NW 25 St	West of NW 99 Ave		6:52 AM	7:46 AM	8:26 AM	9:28 AM	10:08 AM	10:58 AM	11:32 AM	12:25 PM	1:02 PM	1:48 PM	2:32 PM	3:23 PM	4:08 PM	5:08 PM	5:52 PM	6:58 PM	7:32 PM	8:38 PM	
2072	NW 97 Ave	South of NW 27 St		6:54 AM	7:48 AM	8:28 AM	9:29 AM	10:09 AM	10:59 AM	11:34 AM	12:26 PM	1:03 PM	1:49 PM	2:34 PM	3:25 PM	4:09 PM	5:09 PM	5:54 PM	7:00 PM	7:33 PM	8:39 PM	
2021	NW 33 St	East of Torremolinos Ave	Veteran's Park	6:57 AM	7:51 AM	8:32 AM	9:32 AM	10:13 AM	11:03 AM	11:37 AM	12:29 PM	1:07 PM	1:53 PM	2:37 PM	3:29 PM	4:13 PM	5:13 PM	5:57 PM	7:04 PM	7:37 PM	8:43 PM	
2022	NW 33 St	East of NW 107 Ave	Sears (Parts & Service)	6:58 AM	7:53 AM	8:33 AM	9:34 AM	10:14 AM	11:04 AM	11:38 AM	12:31 PM	1:08 PM	1:54 PM	2:38 PM	3:30 PM	4:14 PM	5:14 PM	5:59 PM	7:05 PM	7:38 PM	8:44 PM	
2023	NW 33 St	NW 108 Ave	Beacon Industrial Park	6:59 AM	7:53 AM	8:34 AM	9:34 AM	10:14 AM	11:05 AM	11:39 AM	12:31 PM	1:08 PM	1:55 PM	2:39 PM	3:31 PM	4:15 PM	5:15 PM	5:59 PM	7:06 PM	7:38 PM	8:45 PM	
2024	NW 33 St	NW 110 Ave		7:00 AM	7:55 AM	8:35 AM	9:35 AM	10:16 AM	11:06 AM	11:40 AM	12:32 PM	1:10 PM	1:56 PM	2:40 PM	3:32 PM	4:16 PM	5:16 PM	6:01 PM	7:07 PM	7:40 PM	8:46 PM	
2025	NW 34 St	West of NW 113 Ct		7:01 AM	7:56 AM	8:36 AM	9:36 AM	10:17 AM	11:07 AM	11:41 AM	12:33 PM	1:11 PM	1:57 PM	2:41 PM	3:33 PM	4:17 PM	5:18 PM	6:02 PM	7:08 PM	7:41 PM	8:47 PM	
2026	NW 34 St	East of NW 115 Ave		7:02 AM	7:57 AM	8:37 AM	9:37 AM	10:18 AM	11:08 AM	11:42 AM	12:34 PM	1:12 PM	1:58 PM	2:42 PM	3:34 PM	4:18 PM	5:19 PM	6:03 PM	7:09 PM	7:42 PM	8:48 PM	

METRO

**Doral Trolley Route 2 Weekday Schedule**

Direction	Stop	Road	Location	Nearby Landmark	B-1	B-2	B-1	B-2	B-1	B-2	B-1	B-2	B-1	B-2	B-1	B-2	B-1	B-2	B-1	B-2	B-1	B-2
NB	2027	NW 115 Ave	South of NW 39 St	Miami-Dade College West Campus	7:03 AM	7:57 AM	8:38 AM	9:38 AM	10:18 AM	11:08 AM	11:43 AM	12:35 PM	1:12 PM	1:58 PM	2:43 PM	3:35 PM	4:19 PM	5:19 PM	6:03 PM	7:10 PM	7:42 PM	8:48 PM
	2028	NW 115 Ave	South of NW 41 St	Doral Shops Plaza	7:03 AM	7:58 AM	8:38 AM	9:38 AM	10:19 AM	11:09 AM	11:43 AM	12:35 PM	1:13 PM	1:59 PM	2:43 PM	3:35 PM	4:19 PM	5:20 PM	6:04 PM	7:10 PM	7:43 PM	8:49 PM
	2029	NW 41 St	East of NW 114 Ave	The Imagination Factory	7:04 AM	7:59 AM	8:39 AM	9:39 AM	10:20 AM	11:10 AM	11:44 AM	12:36 PM	1:14 PM	2:00 PM	2:44 PM	3:36 PM	4:21 PM	5:21 PM	6:05 PM	7:11 PM	7:44 PM	8:50 PM
	2030	NW 41 St	West of NW 107 Ave	Citibank	7:06 AM	8:01 AM	8:41 AM	9:41 AM	10:22 AM	11:12 AM	11:46 AM	12:38 PM	1:16 PM	2:02 PM	2:46 PM	3:39 PM	4:23 PM	5:23 PM	6:08 PM	7:14 PM	7:46 PM	8:52 PM
	2031	NW 41 St	East of NW 107 Ave	San Ignacio University	7:07 AM	8:02 AM	8:42 AM	9:42 AM	10:22 AM	11:12 AM	11:47 AM	12:39 PM	1:16 PM	2:02 PM	2:47 PM	3:40 PM	4:24 PM	5:24 PM	6:08 PM	7:15 PM	7:46 PM	8:52 PM
	2032	NW 41 St	East of NW 104 Ave	Hellmann	7:07 AM	8:03 AM	8:43 AM	9:43 AM	10:23 AM	11:13 AM	11:47 AM	12:40 PM	1:17 PM	2:03 PM	2:47 PM	3:41 PM	4:25 PM	5:25 PM	6:09 PM	7:16 PM	7:47 PM	8:53 PM
	2033	NW 41 St	East of NW 102 Ave	Costa del Sol	7:08 AM	8:04 AM	8:44 AM	9:43 AM	10:24 AM	11:14 AM	11:48 AM	12:40 PM	1:18 PM	2:04 PM	2:48 PM	3:42 PM	4:26 PM	5:26 PM	6:10 PM	7:17 PM	7:48 PM	8:54 PM
	2034	NW 41 St	West of NW 97 Ave	HSBC	7:10 AM	8:06 AM	8:46 AM	9:45 AM	10:26 AM	11:16 AM	11:50 AM	12:42 PM	1:20 PM	2:06 PM	2:50 PM	3:44 PM	4:28 PM	5:29 PM	6:13 PM	7:19 PM	7:50 PM	8:56 PM
	2035	NW 41 St	East of NW 97 Ave	9690 Plaza (Einstein Bagels)	7:10 AM	8:06 AM	8:46 AM	9:46 AM	10:26 AM	11:16 AM	11:50 AM	12:43 PM	1:20 PM	2:06 PM	2:50 PM	3:44 PM	4:29 PM	5:29 PM	6:13 PM	7:19 PM	7:50 PM	8:56 PM
	2036	NW 41 St	West of NW 93 Ct	MDC Fire Rescue HQ	7:11 AM	8:07 AM	8:47 AM	9:46 AM	10:27 AM	11:17 AM	11:51 AM	12:43 PM	1:21 PM	2:07 PM	2:51 PM	3:45 PM	4:30 PM	5:30 PM	6:14 PM	7:20 PM	7:51 PM	8:57 PM
	2037	NW 36 St	9100 NW 36 St	Federal Reserve	7:12 AM	8:08 AM	8:48 AM	9:47 AM	10:27 AM	11:18 AM	11:52 AM	12:44 PM	1:21 PM	2:08 PM	2:52 PM	3:47 PM	4:31 PM	5:31 PM	6:15 PM	7:22 PM	7:51 PM	8:58 PM
	2047	NW 36 St	W of NW 8800 Blk	Bus Shelter	7:13 AM	8:09 AM	8:49 AM	9:48 AM	10:28 AM	11:18 AM	11:53 AM	12:45 PM	1:22 PM	2:08 PM	2:53 PM	3:48 PM	4:32 PM	5:32 PM	6:16 PM	7:23 PM	7:52 PM	8:58 PM
	2048	NW 36 St	West of NW 87 Ave	Doral Corporate Center	7:13 AM	8:09 AM	8:50 AM	9:48 AM	10:29 AM	11:19 AM	11:53 AM	12:45 PM	1:23 PM	2:09 PM	2:53 PM	3:48 PM	4:32 PM	5:33 PM	6:17 PM	7:23 PM	7:53 PM	8:59 PM
	2049	NW 36 St	East of NW 87 Ave		7:14 AM	8:10 AM	8:50 AM	9:49 AM	10:29 AM	11:19 AM	11:54 AM	12:46 PM	1:23 PM	2:09 PM	2:54 PM	3:49 PM	4:33 PM	5:34 PM	6:18 PM	7:24 PM	7:53 PM	8:59 PM
	2050	NW 36 St	West of NW 8400 Block		7:14 AM	8:10 AM	8:51 AM	9:49 AM	10:30 AM	11:20 AM	11:54 AM	12:46 PM	1:24 PM	2:10 PM	2:54 PM	3:50 PM	4:34 PM	5:34 PM	6:18 PM	7:25 PM	7:54 PM	9:00 PM
	2052	NW 82 Ave	North of NW 36 St		7:17 AM	8:13 AM	8:53 AM	9:52 AM	10:32 AM	11:22 AM	11:57 AM	12:49 PM	1:26 PM	2:12 PM	2:57 PM	3:51 PM	4:35 PM	5:36 PM	6:20 PM	7:26 PM	7:56 PM	9:02 PM
	2054	NW 79 Ave	North of NW 41 St		7:18 AM	8:14 AM	8:54 AM	9:53 AM	10:33 AM	11:23 AM	11:58 AM	12:50 PM	1:27 PM	2:13 PM	2:58 PM	3:53 PM	4:37 PM	5:37 PM	6:22 PM	7:28 PM	7:57 PM	9:03 PM
	2056	NW 79 Ave	North of NW 48 St		7:18 AM	8:15 AM	8:55 AM	9:54 AM	10:34 AM	11:24 AM	11:58 AM	12:51 PM	1:28 PM	2:14 PM	2:58 PM	3:54 PM	4:39 PM	5:39 PM	6:23 PM	7:29 PM	7:58 PM	9:04 PM
	2057	NW 79 Ave	South of NW 50 St		7:19 AM	8:15 AM	8:56 AM	9:54 AM	10:34 AM	11:25 AM	11:59 AM	12:51 PM	1:28 PM	2:15 PM	2:59 PM	3:55 PM	4:39 PM	5:40 PM	6:24 PM	7:30 PM	7:58 PM	9:05 PM
	2058	NW 53 St	West of NW 79 Ave		7:20 AM	8:17 AM	8:57 AM	9:55 AM	10:36 AM	11:26 AM	12:00 PM	12:52 PM	1:30 PM	2:16 PM	3:00 PM	3:56 PM	4:41 PM	5:41 PM	6:25 PM	7:31 PM	8:00 PM	9:06 PM
	2059	NW 53 St	East of NW 53 Ter	8333 Building	7:21 AM	8:18 AM	8:58 AM	9:56 AM	10:37 AM	11:27 AM	12:01 PM	12:53 PM	1:31 PM	2:17 PM	3:01 PM	3:57 PM	4:42 PM	5:42 PM	6:26 PM	7:32 PM	8:01 PM	9:07 PM
	2060	NW 53 St	East of NW 84 Ave	Downtown Doral Park	7:22 AM	8:18 AM	8:59 AM	9:57 AM	10:37 AM	11:28 AM	12:02 PM	12:54 PM	1:31 PM	2:18 PM	3:02 PM	3:58 PM	4:42 PM	5:43 PM	6:27 PM	7:33 PM	8:01 PM	9:08 PM
	2061	NW 53 St	East of NW 87 Ave		7:22 AM	8:19 AM	8:59 AM	9:58 AM	10:38 AM	11:28 AM	12:02 PM	12:55 PM	1:32 PM	2:18 PM	3:02 PM	3:59 PM	4:43 PM	5:43 PM	6:28 PM	7:34 PM	8:02 PM	9:08 PM
2062	NW 87 Ave	South of NW 58 St		7:23 AM	8:20 AM	9:00 AM	9:59 AM	10:39 AM	11:29 AM	12:03 PM	12:56 PM	1:33 PM	2:19 PM	3:03 PM	4:00 PM	4:44 PM	5:45 PM	6:29 PM	7:35 PM	8:03 PM	9:09 PM	
2001	NW 79 Pl	NW 77 St	Palmetto MetroRail Station		7:34 AM	8:37 AM	9:17 AM	10:09 AM	10:50 AM	11:40 AM	12:14 PM	1:06 PM	1:44 PM	2:30 PM	3:14 PM	4:14 PM	4:59 PM	5:59 PM	6:43 PM	7:49 PM	8:14 PM	9:20 PM

METRO

METHODOLOGY

**Attachment C**

Trip Generation Calculations

# AM PEAK HOUR TRIP GENERATION COMPARISON

## EXISTING WEEKDAY AM PEAK HOUR TRIP GENERATION

	ITE TRIP GENERATION CHARACTERISTICS					DIRECTIONAL DISTRIBUTION		BASELINE TRIPS			MULTIMODAL REDUCTION		GROSS TRIPS			INTERNAL CAPTURE		EXTERNAL VEHICLE TRIPS			PASS-BY CAPTURE		NET NEW EXTERNAL TRIPS					
	Land Use	ITE Edition	ITE Code	Scale	ITE Units	Percent		In	Out	Total	Percent	MR Trips	In	Out	Total	Percent	IC Trips	In	Out	Total	Percent	PB Trips	In	Out	Total			
						In	Out																					
GROUP 1	1	General Office Building	11	710	160.854	ksf	88%	12%	222	30	252	3.6%	9	214	29	243	0.0%	0	214	29	243	0.0%	0	214	29	243		
	2																											
	3																											
	4																											
	5																											
	6																											
	7																											
	8																											
	9																											
	10																											
	11																											
	12																											
	13																											
	14																											
	15																											
		ITE Land Use Code	Rate or Equation			Total:		222	30	252	3.6%	9	214	29	243	0.0%	0	214	29	243	0.0%	0	214	29	243			
		710	LN(Y) = 0.86*LN(X)+1.16																									

## PROPOSED WEEKDAY AM PEAK HOUR TRIP GENERATION

	ITE TRIP GENERATION CHARACTERISTICS					DIRECTIONAL DISTRIBUTION		BASELINE TRIPS			MULTIMODAL REDUCTION		GROSS TRIPS			INTERNAL CAPTURE		EXTERNAL VEHICLE TRIPS			PASS-BY CAPTURE		NET NEW EXTERNAL TRIPS						
	Land Use	ITE Edition	ITE Code	Scale	ITE Units	Percent		In	Out	Total	Percent	MR Trips	In	Out	Total	Percent	IC Trips	In	Out	Total	Percent	PB Trips	In	Out	Total				
						In	Out																						
GROUP 2	1	Warehousing	11	150	153.654	ksf	77%	23%	32	10	42	3.6%	2	31	9	40	0.0%	0	31	9	40	0.0%	0	31	9	40			
	2																												
	3																												
	4																												
	5																												
	6																												
	7																												
	8																												
	9																												
	10																												
	11																												
	12																												
	13																												
	14																												
	15																												
		ITE Land Use Code	Rate or Equation			Total:		32	10	42	3.6%	2	31	9	40	0.0%	0	31	9	40	0.0%	0	31	9	40				
		150	Y=0.12*(X)+23.62																										

	IN	OUT	TOTAL
<b>NET NEW TRIPS</b>	-183	-20	-203

# PM PEAK HOUR TRIP GENERATION COMPARISON

## EXISTING WEEKDAY PM PEAK HOUR TRIP GENERATION

	ITE TRIP GENERATION CHARACTERISTICS					DIRECTIONAL DISTRIBUTION		BASELINE TRIPS			MULTIMODAL REDUCTION		GROSS TRIPS			INTERNAL CAPTURE		EXTERNAL VEHICLE TRIPS			PASS-BY CAPTURE		NET NEW EXTERNAL TRIPS					
	Land Use	ITE Edition	ITE Code	Scale	ITE Units	Percent		In	Out	Total	Percent	MR Trips	In	Out	Total	Percent	IC Trips	In	Out	Total	Percent	PB Trips	In	Out	Total			
						In	Out																					
GROUP 1	1	General Office Building	11	710	160.854	ksf	17%	83%	42	204	246	3.6%	9	40	197	237	0.0%	0	40	197	237	0.0%	0	40	197	237		
	2																											
	3																											
	4																											
	5																											
	6																											
	7																											
	8																											
	9																											
	10																											
	11																											
	12																											
	13																											
	14																											
	15																											
		ITE Land Use Code	Rate or Equation			<b>Total:</b>		42	204	246	3.7%	9	40	197	237	0.0%	0	40	197	237	0.0%	0	40	197	237			
		710	LN(Y) = 0.83*LN(X)+1.29																									

## PROPOSED WEEKDAY PM PEAK HOUR TRIP GENERATION

	ITE TRIP GENERATION CHARACTERISTICS					DIRECTIONAL DISTRIBUTION		BASELINE TRIPS			MULTIMODAL REDUCTION		GROSS TRIPS			INTERNAL CAPTURE		EXTERNAL VEHICLE TRIPS			PASS-BY CAPTURE		NET NEW EXTERNAL TRIPS						
	Land Use	ITE Edition	ITE Code	Scale	ITE Units	Percent		In	Out	Total	Percent	MR Trips	In	Out	Total	Percent	IC Trips	In	Out	Total	Percent	PB Trips	In	Out	Total				
						In	Out																						
GROUP 2	1	Warehousing	11	150	153.654	ksf	28%	72%	13	32	45	3.6%	2	12	31	43	0.0%	0	12	31	43	0.0%	0	12	31	43			
	2																												
	3																												
	4																												
	5																												
	6																												
	7																												
	8																												
	9																												
	10																												
	11																												
	12																												
	13																												
	14																												
	15																												
		ITE Land Use Code	Rate or Equation			<b>Total:</b>		13	32	45	3.6%	2	12	31	43	0.0%	0	12	31	43	0.0%	0	12	31	43				
		150	Y=0.12*(X)+26.48																										

	IN	OUT	TOTAL
<b>NET NEW TRIPS</b>	-28	-166	-194

# MEANS OF TRANSPORTATION TO WORK

Note: This is a modified view of the original table produced by the U.S. Census Bureau. This download or printed version may have missing information from the original table.

$$(28+12+72)/(3299-217) = 3.6\%$$

Census Tract 90.10, Miami-Dade County, Florida

Label	Estimate	Margin of Er
▼ Total:	3,299	±3
▼ Car, truck, or van:	2,860	±3
Drove alone	2,619	±3
▼ Carpooled:	241	±1
In 2-person carpool	116	±
In 3-person carpool	15	±
In 4-person carpool	9	±
In 5- or 6-person carpool	101	±1
In 7-or-more-person carpool	0	±
▼ Public transportation (excluding taxicab):	28	±
Bus	4	±
Subway or elevated rail	0	±
Long-distance train or commuter rail	12	±
Light rail, streetcar or trolley (carro público in Puerto Rico)	12	±
Ferryboat	0	±
Taxicab	20	±
Motorcycle	0	±
Bicycle	12	±
Walked	72	±
Other means	90	±
Worked from home	217	±

### Trip Generation

Location: El Nuevo Herald, 3511 NW 91st Ave  
 City: Doral, FL

Date: 7/9/2024  
 Day: Tuesday

TIME	Volume									
	#001 [SW Dwy]		#002 [SE West Dwy]		#003 [SE East Dwy]		Trip Generation			
	IN	OUT	IN	OUT	IN	OUT	Total IN	Total OUT	TOTAL	HOURLY TOTALS
7:00 AM	0	0	0	0	0	0	0	0	0	13
7:15 AM	0	2	1	0	0	0	1	2	3	34
7:30 AM	0	0	0	0	1	0	1	0	1	41
7:45 AM	1	2	1	0	5	0	7	2	9	61
8:00 AM	0	8	9	0	4	0	13	8	21	81
8:15 AM	0	5	4	0	1	0	5	5	10	
8:30 AM	0	7	9	0	5	0	14	7	21	
8:45 AM	2	14	8	0	5	0	15	14	29	
4:00 PM	0	7	2	0	0	0	2	7	9	29
4:15 PM	0	3	0	0	1	0	1	3	4	28
4:30 PM	1	7	1	0	0	0	2	7	9	31
4:45 PM	1	4	1	0	1	0	3	4	7	23
5:00 PM	1	3	3	0	1	0	5	3	8	23
5:15 PM	0	5	1	0	1	0	2	5	7	
5:30 PM	0	1	0	0	0	0	0	1	1	
5:45 PM	1	3	2	0	1	0	4	3	7	
Totals	7	71	42	0	26	0	75	71	146	

METHUEN

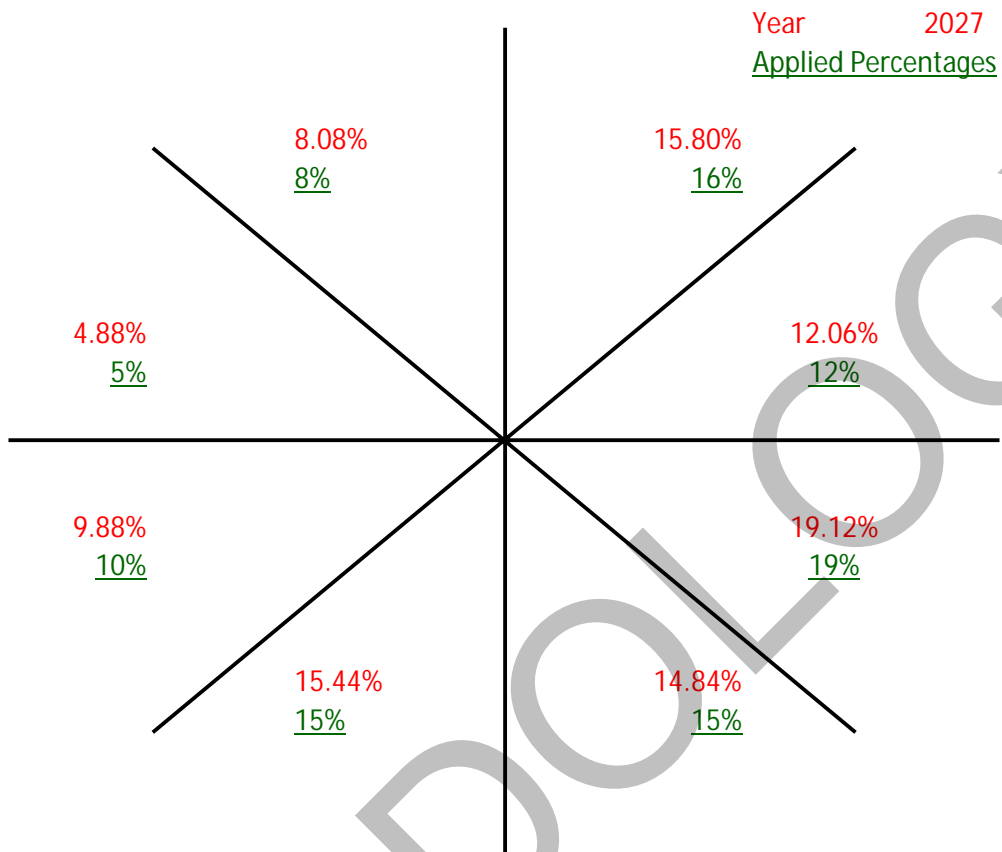


METHODOLOGY

**Attachment D**

Cardinal Trip Distribution

Cardinal Distribution for TAZ 726



Cardinal Trip Distribution

Cardinal Direction	Percentage of Trips		2027 Interpolated	2027 Rounded
	2015	2045		
North-Northeast	16.2%	15.2%	15.80%	16.00%
East-Northeast	11.1%	13.5%	12.06%	12.00%
East-Southeast	18.8%	19.6%	19.12%	19.00%
South-Southeast	15.2%	14.3%	14.84%	15.00%
South-Southwest	15.6%	15.2%	15.44%	15.00%
West-Southwest	9.6%	10.3%	9.88%	10.00%
West-Northwest	5.4%	4.1%	4.88%	5.00%
North-Northwest	8.2%	7.9%	8.08%	8.00%
Total	100.1%	100.1%	100.10%	100.00%



MIAMI-DADE TRANSPORTATION PLANNING ORGANIZATION

2045 LRTP

SUPPORTING DOCUMENTS

**DIRECTIONAL TRIP  
DISTRIBUTION REPORT**

SEPTEMBER 2019

DIRECTIONAL TRIP DISTRIBUTION REPORT

Miami-Dade 2015 Base Year Direction Trip Distribution Summary											
TAZ of Origin		Trips / Percent	Cardinal Directions								Total Trips
County TAZ	Regional TAZ		NNE	ENE	ESE	SSE	SSW	WSW	WNW	NNW	
703	3603	Trips	826	744	1,234	414	932	606	309	885	6,201
703	3603	Percent	13.9	12.5	20.7	7.0	15.7	10.2	5.2	14.9	
704	3604	Trips	1,037	1,092	1,509	1,209	1,269	723	533	1,631	9,294
704	3604	Percent	11.5	12.1	16.8	13.4	14.1	8.0	5.9	18.1	
705	3605	Trips	161	94	167	118	136	196	28	145	1,046
705	3605	Percent	15.4	9.0	16.0	11.3	13.0	18.8	2.7	13.9	
706	3606	Trips	505	357	583	154	344	353	219	443	3,003
706	3606	Percent	17.1	12.1	19.7	5.2	11.6	11.9	7.4	15.0	
707	3607	Trips	399	233	549	796	250	308	122	317	2,998
707	3607	Percent	13.4	7.8	18.5	26.8	8.4	10.4	4.1	10.7	
708	3608	Trips	577	400	669	585	461	425	93	645	3,947
708	3608	Percent	15.0	10.4	17.4	15.2	12.0	11.0	2.4	16.7	
709	3609	Trips	987	697	1,126	1,501	605	710	547	1,314	7,694
709	3609	Percent	13.2	9.3	15.0	20.1	8.1	9.5	7.3	17.6	
710	3610	Trips	1,062	609	1,213	810	1,621	871	683	1,349	8,366
710	3610	Percent	12.9	7.4	14.8	9.9	19.7	10.6	8.3	16.4	
711	3611	Trips	276	181	371	347	312	987	136	262	2,872
711	3611	Percent	9.6	6.3	12.9	12.1	10.9	34.4	4.7	9.1	
712	3612	Trips	1,143	791	929	1,577	771	751	527	1,327	7,891
712	3612	Percent	14.6	10.1	11.9	20.2	9.9	9.6	6.7	17.0	
713	3613	Trips	291	161	384	142	218	144	96	214	1,666
713	3613	Percent	17.7	9.8	23.3	8.6	13.2	8.7	5.8	13.0	
714	3614	Trips	65	24	31	16	40	17	15	32	240
714	3614	Percent	27.0	10.0	12.8	6.8	16.6	7.2	6.3	13.4	
715	3615	Trips	559	387	545	327	848	494	152	499	3,809
715	3615	Percent	14.7	10.2	14.3	8.6	22.3	13.0	4.0	13.1	
716	3616	Trips	1,679	1,377	1,731	1,146	1,981	1,191	540	1,504	11,355
716	3616	Percent	15.1	12.4	15.5	10.3	17.8	10.7	4.8	13.5	
717	3617	Trips	1,702	929	1,833	941	1,965	1,122	390	998	10,143
717	3617	Percent	17.2	9.4	18.6	9.5	19.9	11.4	3.9	10.1	
718	3618	Trips	1,474	828	1,225	781	1,313	932	364	407	7,459
718	3618	Percent	20.1	11.3	16.7	10.7	17.9	12.7	5.0	5.6	
719	3619	Trips	788	593	871	686	823	575	138	312	4,831
719	3619	Percent	16.5	12.4	18.2	14.3	17.2	12.0	2.9	6.5	
720	3620	Trips	1,508	1,002	1,477	968	1,685	729	490	533	8,848
720	3620	Percent	18.0	11.9	17.6	11.5	20.1	8.7	5.8	6.4	
721	3621	Trips	539	422	569	345	632	351	131	300	3,315
721	3621	Percent	16.4	12.8	17.3	10.5	19.2	10.7	4.0	9.1	
722	3622	Trips	1,018	601	1,065	809	1,415	573	436	707	6,707
722	3622	Percent	15.4	9.1	16.1	12.2	21.4	8.7	6.6	10.7	
723	3623	Trips	1,410	664	1,695	1,068	1,364	533	172	498	7,823
723	3623	Percent	19.0	9.0	22.9	14.4	18.4	7.2	2.3	6.7	
724	3624	Trips	1,427	874	1,003	951	1,244	562	209	476	6,844
724	3624	Percent	21.1	13.0	14.9	14.1	18.4	8.3	3.1	7.1	
725	3625	Trips	867	699	1,118	905	1,166	574	171	269	6,055
725	3625	Percent	15.0	12.1	19.4	15.7	20.2	10.0	3.0	4.7	
726	3626	Trips	1,117	761	1,297	1,046	1,074	659	375	561	7,026
726	3626	Percent	16.2	11.1	18.8	15.2	15.6	9.6	5.4	8.2	
727	3627	Trips	408	462	420	456	560	275	187	145	2,967
727	3627	Percent	14.0	15.9	14.4	15.7	19.2	9.5	6.4	5.0	
728	3628	Trips	1,040	1,163	1,324	1,047	1,949	442	289	538	8,257
728	3628	Percent	13.3	14.9	17.0	13.4	25.0	5.7	3.7	6.9	

DIRECTIONAL TRIP DISTRIBUTION REPORT

Miami-Dade 2045 Cost Feasible Plan Direction Trip Distribution Summary											
TAZ of Origin		Trips / Percent	Cardinal Directions								Total Trips
County TAZ	Regional TAZ		NNE	ENE	ESE	SSE	SSW	WSW	WNW	NNW	
703	3603	Trips	879	881	1,693	679	1,064	793	398	1,213	7,813
703	3603	Percent	11.6	11.6	22.3	8.9	14.0	10.4	5.2	16.0	
704	3604	Trips	1,278	1,253	1,816	1,456	1,431	810	563	2,101	11,090
704	3604	Percent	11.9	11.7	17.0	13.6	13.4	7.6	5.3	19.6	
705	3605	Trips	151	88	251	161	124	119	46	143	1,083
705	3605	Percent	14.0	8.1	23.2	14.8	11.4	11.0	4.3	13.2	
706	3606	Trips	485	399	813	264	410	386	176	568	3,579
706	3606	Percent	13.9	11.4	23.2	7.5	11.7	11.0	5.0	16.2	
707	3607	Trips	427	421	760	1,060	323	396	204	552	4,206
707	3607	Percent	10.3	10.2	18.3	25.6	7.8	9.6	4.9	13.3	
708	3608	Trips	755	542	931	894	670	631	198	911	5,697
708	3608	Percent	13.7	9.8	16.8	16.2	12.1	11.4	3.6	16.5	
709	3609	Trips	1,201	830	1,767	2,057	906	913	709	1,620	10,353
709	3609	Percent	12.0	8.3	17.7	20.6	9.1	9.1	7.1	16.2	
710	3610	Trips	1,067	824	1,601	888	2,156	1,107	845	1,567	10,186
710	3610	Percent	10.6	8.2	15.9	8.8	21.4	11.0	8.4	15.6	
711	3611	Trips	377	365	681	347	376	1,455	221	429	4,270
711	3611	Percent	8.9	8.6	16.0	8.2	8.8	34.3	5.2	10.1	
712	3612	Trips	1,179	981	1,265	2,017	1,110	1,007	656	1,567	9,885
712	3612	Percent	12.1	10.0	12.9	20.6	11.4	10.3	6.7	16.0	
713	3613	Trips	259	204	269	91	324	244	93	190	1,674
713	3613	Percent	15.5	12.2	16.1	5.4	19.3	14.6	5.6	11.4	
714	3614	Trips	59	49	87	19	72	42	13	65	406
714	3614	Percent	14.4	12.0	21.5	4.8	17.8	10.3	3.2	15.9	
715	3615	Trips	612	457	808	400	901	585	220	577	4,573
715	3615	Percent	13.4	10.0	17.7	8.8	19.8	12.8	4.8	12.7	
716	3616	Trips	1,947	1,909	2,655	1,678	2,809	1,939	867	2,295	16,511
716	3616	Percent	12.1	11.9	16.5	10.4	17.5	12.0	5.4	14.3	
717	3617	Trips	2,054	1,312	2,747	1,408	2,464	1,599	551	1,704	14,184
717	3617	Percent	14.8	9.5	19.9	10.2	17.8	11.6	4.0	12.3	
718	3618	Trips	1,871	1,468	1,742	1,200	1,878	1,269	490	907	11,020
718	3618	Percent	17.3	13.6	16.1	11.1	17.4	11.7	4.5	8.4	
719	3619	Trips	763	612	976	632	751	627	97	381	4,852
719	3619	Percent	15.8	12.7	20.2	13.1	15.5	13.0	2.0	7.9	
720	3620	Trips	2,130	1,578	2,276	1,464	2,393	1,338	558	1,015	13,396
720	3620	Percent	16.7	12.4	17.9	11.5	18.8	10.5	4.4	8.0	
721	3621	Trips	1,030	970	1,405	941	1,238	682	302	666	7,530
721	3621	Percent	14.2	13.4	19.4	13.0	17.1	9.4	4.2	9.2	
722	3622	Trips	1,292	951	1,801	938	1,901	720	518	979	9,222
722	3622	Percent	14.2	10.5	19.8	10.3	20.9	7.9	5.7	10.8	
723	3623	Trips	2,407	1,437	3,267	2,294	2,444	1,068	314	1,384	15,778
723	3623	Percent	16.5	9.8	22.4	15.7	16.7	7.3	2.2	9.5	
724	3624	Trips	2,372	1,345	1,961	1,681	1,994	852	325	959	12,097
724	3624	Percent	20.6	11.7	17.1	14.6	17.4	7.4	2.8	8.3	
725	3625	Trips	1,269	1,207	1,964	1,365	1,443	738	226	546	9,086
725	3625	Percent	14.5	13.8	22.4	15.6	16.5	8.4	2.6	6.2	
726	3626	Trips	1,741	1,545	2,251	1,640	1,748	1,180	469	904	11,799
726	3626	Percent	15.2	13.5	19.6	14.3	15.2	10.3	4.1	7.9	
727	3627	Trips	471	522	810	516	632	287	195	266	3,775
727	3627	Percent	12.7	14.1	21.9	14.0	17.1	7.8	5.3	7.2	
728	3628	Trips	1,651	1,795	2,256	1,404	2,697	398	301	914	11,970
728	3628	Percent	14.5	15.7	19.8	12.3	23.6	3.5	2.6	8.0	

## Appendix C

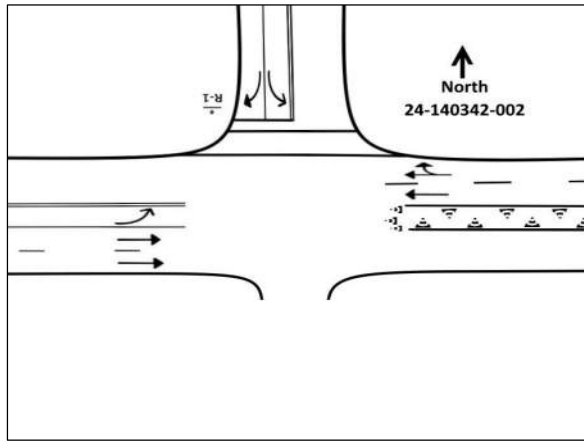
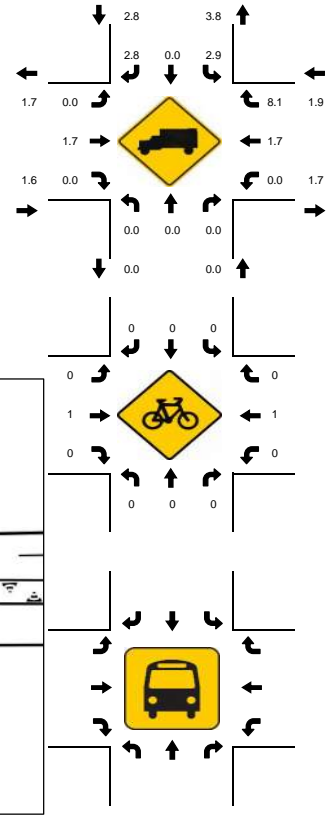
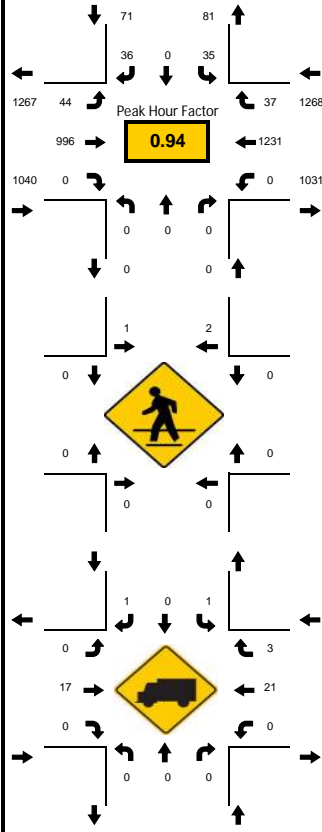
### Traffic Data

# Turning Movement Counts



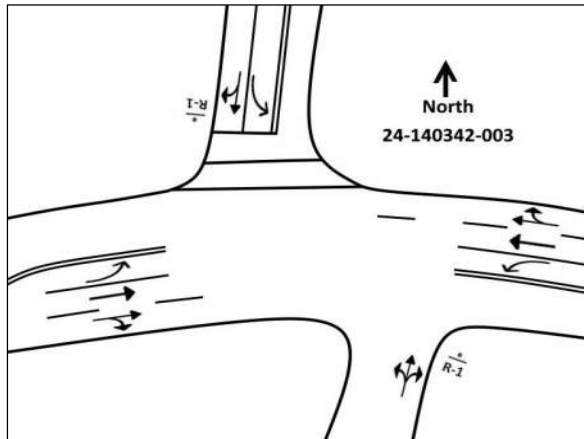
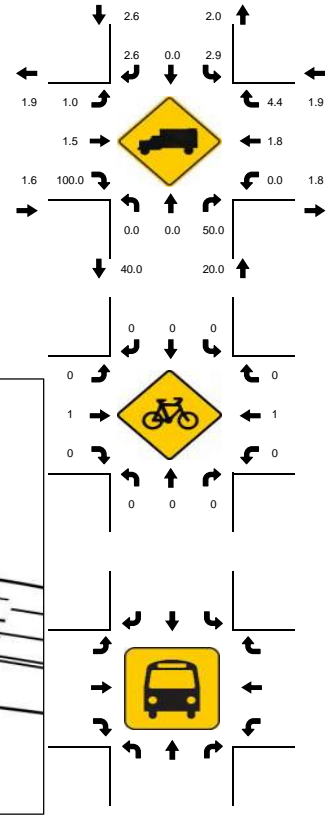
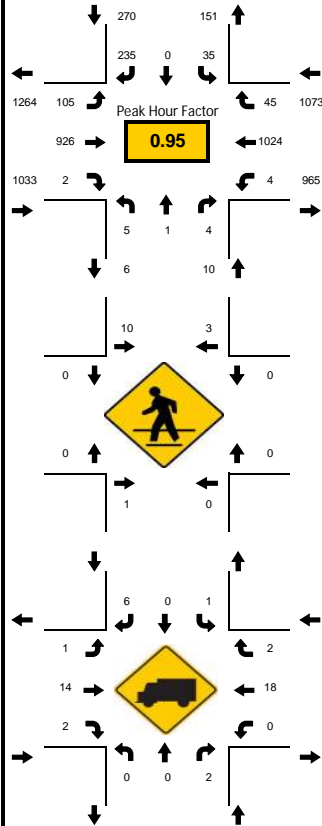


Peak-Hour: 04:30 PM - 05:30 PM  
 Peak 15-Minute: 05:00 PM - 05:15 PM



15-Min Count Period Beginning At	NW 91st Ave Northbound					NW 91st Ave Southbound					NW 33rd St Eastbound					NW 33rd St Westbound					Total	Hourly Total
	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*		
4:00 PM	0	0	2	0		14	0	13	0		9	278	0	0		0	231	9	0		556	2158
4:15 PM	0	0	3	0		3	0	4	0		5	237	1	0		0	217	4	0		474	2234
4:30 PM	0	0	0	0		6	0	12	0		7	233	0	0		0	298	6	0		562	2379
4:45 PM	0	0	0	0		10	0	7	0		17	216	0	0		0	306	10	0		566	2319
5:00 PM	0	0	0	0		8	0	7	0		12	274	0	1		0	316	14	0		632	2207
5:15 PM	0	0	0	0		11	0	10	0		7	273	0	0		0	311	7	0		619	1575
5:30 PM	0	0	0	0		6	0	8	0		5	199	0	0		0	277	7	0		502	956
5:45 PM	0	0	0	0		8	0	9	0		7	205	0	0		0	212	13	0		454	454
<b>Peak 15-Min Flowrates</b>																					<b>Total</b>	
All Vehicles	0	0	0	0		44	0	48	0		68	1096	0	4		0	1264	56	0		<b>2580</b>	
Heavy Trucks	0	0	0	0		4	0	4	0		0	28	0	0		0	36	4	0		<b>76</b>	
Pedestrians	0	0	0	0		0	0	8	0		0	0	0	0		0	0	0	0		<b>8</b>	
Bicycles	0	0	0	0		0	0	0	0		0	4	0	0		0	4	0	0		<b>8</b>	
Buses																						
Stopped Buses																						

Peak-Hour: 04:30 PM - 05:30 PM  
 Peak 15-Minute: 05:15 PM - 05:30 PM



15-Min Count Period Beginning At	NW 89th Ct/Decowraps W Dwy Northbound					NW 89th Ct/Decowraps W Dwy Southbound					NW 33rd St Eastbound					NW 33rd St Westbound					Total	Hourly Total
	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*	Left	Thru	Rgt	U	R*		
4:00 PM	1	0	0	0	0	15	0	44	0	0	53	245	0	0	0	0	196	8	0	0	562	2190
4:15 PM	0	0	0	0	0	6	0	33	0	0	35	222	2	1	0	0	186	10	2	0	497	2253
4:30 PM	0	0	1	0	0	14	0	59	0	0	33	199	1	0	0	0	242	8	0	0	557	2386
4:45 PM	0	0	2	0	0	8	0	62	0	0	18	213	1	0	0	1	256	13	0	0	574	2349
5:00 PM	3	0	1	0	0	9	0	56	0	0	21	262	0	0	0	0	269	4	0	0	625	2244
5:15 PM	2	1	0	0	0	4	0	58	0	0	33	252	0	0	0	2	257	20	1	0	630	1619
5:30 PM	2	0	0	0	0	11	0	49	0	0	18	193	0	0	0	0	229	18	0	0	520	989
5:45 PM	1	0	0	0	0	13	0	32	0	0	21	197	0	0	0	0	197	8	0	0	469	469
<b>Peak 15-Min Flowrates</b>	<b>Northbound</b>					<b>Southbound</b>					<b>Eastbound</b>					<b>Westbound</b>					<b>Total</b>	
All Vehicles	12	4	8	0	0	56	0	248	0	0	132	1048	4	0	0	8	1076	80	4	0	2680	
Heavy Trucks	0	0	4	0	0	4	0	12	0	0	4	20	4	0	0	0	36	4	0	0	88	
Pedestrians	0	4	0	0	0	0	40	0	0	0	0	0	0	0	0	0	0	0	0	0	44	
Bicycles	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	0	0	0	8	
Buses																						
Stopped Buses																						



## 72-Hour Continuous Counts

## VOLUME

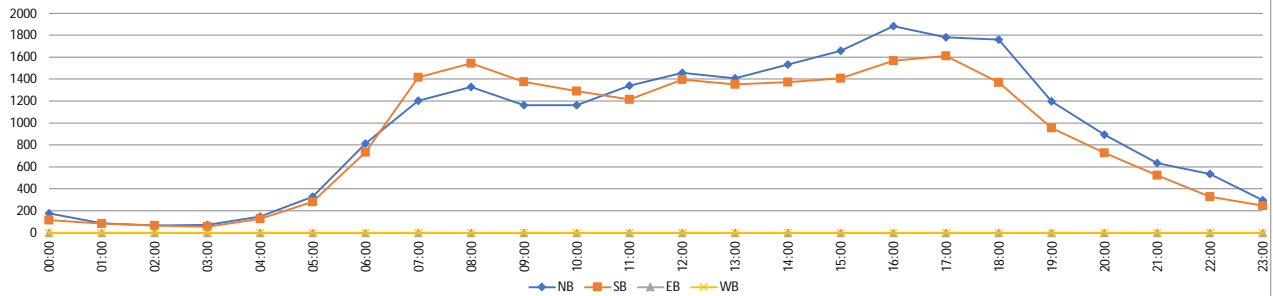
NW 87th Ave N/O NW 33rd St

Day: Tuesday  
Date: 11/12/2024

City: Doral  
Project #: FL24\_140343\_001

DAILY TOTALS		NB	SB	EB	WB	Total	DAILY TOTALS
		22,921	21,151	0	0	44,072	

15-Minutes Interval						Hourly Intervals											
TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL
0:00	55	38			93	12:00	343	329			672	00:00	177	115			292
0:15	44	35			79	12:15	379	328			707	01:00	86	83			169
0:30	45	12			57	12:30	380	363			743	02:00	66	65			131
0:45	33	30			63	12:45	355	374			729	03:00	73	57			130
1:00	23	27			50	13:00	338	304			642	04:00	147	127			274
1:15	25	19			44	13:15	347	366			713	05:00	329	282			611
1:30	22	20			42	13:30	381	351			732	06:00	812	732			1544
1:45	16	17			33	13:45	342	330			672	07:00	1204	1415			2619
2:00	13	11			24	14:00	382	339			721	08:00	1327	1543			2870
2:15	21	20			41	14:15	378	308			686	09:00	1163	1375			2538
2:30	14	14			28	14:30	385	355			740	10:00	1162	1290			2452
2:45	18	20			38	14:45	388	369			757	11:00	1341	1215			2556
3:00	22	12			34	15:00	403	315			718	12:00	1457	1394			2851
3:15	14	7			21	15:15	408	362			770	13:00	1408	1351			2759
3:30	27	16			43	15:30	419	343			762	14:00	1533	1371			2904
3:45	10	22			32	15:45	428	387			815	15:00	1658	1407			3065
4:00	22	15			37	16:00	460	374			834	16:00	1882	1567			3449
4:15	26	24			50	16:15	449	424			873	17:00	1779	1612			3391
4:30	38	42			80	16:30	476	394			870	18:00	1759	1369			3128
4:45	61	46			107	16:45	497	375			872	19:00	1197	955			2152
5:00	46	47			93	17:00	449	420			869	20:00	893	729			1622
5:15	64	52			116	17:15	420	415			835	21:00	635	523			1158
5:30	83	85			168	17:30	459	384			843	22:00	536	327			863
5:45	136	98			234	17:45	451	393			844	23:00	297	247			544
6:00	137	124			261	18:00	446	391			837	<b>STATISTICS</b>					
6:15	197	162			359	18:15	449	382			831		NB	SB	EB	WB	TOTAL
6:30	226	194			420	18:30	462	314			776	Peak Period	00:00	to	12:00		
6:45	252	252			504	18:45	402	282			684	Volume	7887	8299			16186
7:00	271	302			573	19:00	367	278			645	Peak Hour	7:45	8:15			7:45
7:15	322	342			664	19:15	328	275			603	Peak Volume	1368	1557			2882
7:30	256	393			649	19:30	249	204			453	Peak Hour Factor	0.963	0.956			0.983
7:45	355	378			733	19:45	253	198			451	Peak Period	12:00	to	00:00		
8:00	352	378			730	20:00	245	185			430	Volume	15034	12852			27886
8:15	346	381			727	20:15	214	185			399	Peak Hour	16:00	16:15			16:15
8:30	315	377			692	20:30	214	191			405	Peak Volume	1882	1613			3484
8:45	314	407			721	20:45	220	168			388	Peak Hour Factor	0.947	0.951			0.998
9:00	313	392			705	21:00	185	152			337	Peak Period	07:00	to	09:00		
9:15	299	331			630	21:15	179	140			319	Volume	2531	2958			5489
9:30	284	331			615	21:30	136	117			253	Peak Hour	7:45	8:00			7:45
9:45	267	321			588	21:45	135	114			249	Peak Volume	1368	1543			2882
10:00	295	347			642	22:00	145	109			254	Peak Hour Factor	0.963	0.948			0.983
10:15	290	310			600	22:15	138	72			210	Peak Period	16:00	to	18:00		
10:30	270	309			579	22:30	124	81			205	Volume	3661	3179			6840
10:45	307	324			631	22:45	129	65			194	Peak Hour	16:00	16:15			16:15
11:00	291	275			566	23:00	93	64			157	Peak Volume	1882	1613			3484
11:15	329	369			698	23:15	82	67			149	Peak Hour Factor	0.947	0.951			0.998
11:30	356	282			638	23:30	77	65			142						
11:45	365	289			654	23:45	45	51			96						
<b>TOTALS</b>	<b>7887</b>	<b>8299</b>	<b>0</b>	<b>0</b>	<b>16186</b>	<b>TOTALS</b>	<b>15034</b>	<b>12852</b>	<b>0</b>	<b>0</b>	<b>27886</b>						
<b>SPLIT %</b>	<b>49%</b>	<b>51%</b>	<b>0%</b>	<b>0%</b>	<b>37%</b>	<b>SPLIT %</b>	<b>54%</b>	<b>46%</b>	<b>0%</b>	<b>0%</b>	<b>63%</b>						

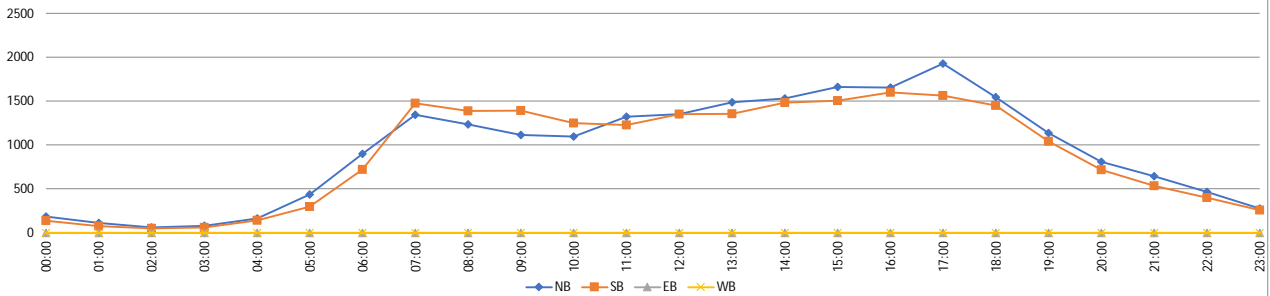


### VOLUME NW 87th Ave N/O NW 33rd St

Day: Wednesday  
Date: 11/13/2024

City: Doral  
Project #: FL24\_140343\_001

DAILY TOTALS						<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">NB</td> <td style="text-align: center;">SB</td> <td style="text-align: center;">EB</td> <td style="text-align: center;">WB</td> <td style="text-align: center;">Total</td> </tr> <tr> <td style="text-align: center;">22,516</td> <td style="text-align: center;">21,455</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">43,971</td> </tr> </table>					NB	SB	EB	WB	Total	22,516	21,455	0	0	43,971	DAILY TOTALS					
NB	SB	EB	WB	Total																						
22,516	21,455	0	0	43,971																						
15-Minutes Interval											Hourly Intervals															
TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL									
0:00	57	40			97	12:00	327	320			647	00:00	01:00	185	136			321								
0:15	36	43			79	12:15	343	353			696	01:00	02:00	112	76			188								
0:30	56	29			85	12:30	350	336			686	02:00	03:00	61	51			112								
0:45	36	24			60	12:45	331	340			671	03:00	04:00	79	60			139								
1:00	36	32			68	13:00	393	325			718	04:00	05:00	161	142			303								
1:15	28	19			47	13:15	400	359			759	05:00	06:00	434	297			731								
1:30	31	14			45	13:30	335	316			651	06:00	07:00	899	720			1619								
1:45	17	11			28	13:45	356	354			710	07:00	08:00	1342	1475			2817								
2:00	16	13			29	14:00	367	348			715	08:00	09:00	1235	1388			2623								
2:15	12	13			25	14:15	360	355			715	09:00	10:00	1114	1391			2505								
2:30	18	15			33	14:30	406	377			783	10:00	11:00	1094	1248			2342								
2:45	15	10			25	14:45	395	400			795	11:00	12:00	1321	1226			2547								
3:00	13	11			24	15:00	413	381			794	12:00	13:00	1351	1349			2700								
3:15	12	16			28	15:15	404	370			774	13:00	14:00	1484	1354			2838								
3:30	26	13			39	15:30	405	357			762	14:00	15:00	1528	1480			3008								
3:45	28	20			48	15:45	437	396			833	15:00	16:00	1659	1504			3163								
4:00	25	19			44	16:00	375	379			754	16:00	17:00	1653	1599			3252								
4:15	41	26			67	16:15	428	404			832	17:00	18:00	1926	1561			3487								
4:30	44	46			90	16:30	437	412			849	18:00	19:00	1544	1449			2993								
4:45	51	51			102	16:45	413	404			817	19:00	20:00	1137	1041			2178								
5:00	69	44			113	17:00	498	411			909	20:00	21:00	809	716			1525								
5:15	83	50			133	17:15	462	426			888	21:00	22:00	645	534			1179								
5:30	120	86			206	17:30	456	365			821	22:00	23:00	466	401			867								
5:45	162	117			279	17:45	510	359			869	23:00	00:00	277	257			534								
6:00	168	121			289	18:00	423	411			834	STATISTICS														
6:15	267	156			423	18:15	428	421			849			NB	SB	EB	WB	TOTAL								
6:30	223	205			428	18:30	383	290			673	Peak Period	00:00 to 12:00													
6:45	241	238			479	18:45	310	327			637	Volume	8037	8210			16247									
7:00	312	316			628	19:00	334	311			645	Peak Hour	7:15	7:15			7:15									
7:15	323	381			704	19:15	274	281			555	Peak Volume	1349	1493			2842									
7:30	360	371			731	19:30	274	237			511	Peak Hour Factor	0.937	0.917			0.942									
7:45	347	407			754	19:45	255	212			467	Peak Period	12:00 to 00:00													
8:00	319	334			653	20:00	235	185			420	Volume	14479	13245			27724									
8:15	311	350			661	20:15	214	198			412	Peak Hour	17:00	16:30			17:00									
8:30	298	344			642	20:30	186	167			353	Peak Volume	1926	1653			3487									
8:45	307	360			667	20:45	174	166			340	Peak Hour Factor	0.944	0.970			0.959									
9:00	310	371			681	21:00	193	152			345	Peak Period	07:00 to 09:00													
9:15	304	317			621	21:15	151	149			300	Volume	2577	2863			5440									
9:30	244	373			617	21:30	170	125			295	Peak Hour	7:15	7:15			7:15									
9:45	256	330			586	21:45	131	108			239	Peak Volume	1349	1493			2842									
10:00	274	357			631	22:00	144	113			257	Peak Hour Factor	0.937	0.917			0.942									
10:15	260	288			548	22:15	143	127			270	Peak Period	16:00 to 18:00													
10:30	288	312			600	22:30	105	78			183	Volume	3579	3160			6739									
10:45	272	291			563	22:45	74	83			157	Peak Hour	17:00	16:30			17:00									
11:00	311	301			612	23:00	99	66			165	Peak Volume	1926	1653			3487									
11:15	318	335			653	23:15	60	65			125	Peak Hour Factor	0.944	0.970			0.959									
11:30	354	293			647	23:30	56	60			116															
11:45	338	297			635	23:45	62	66			128															
<b>TOTALS</b>	<b>8037</b>	<b>8210</b>	<b>0</b>	<b>0</b>	<b>16247</b>	<b>TOTALS</b>	<b>14479</b>	<b>13245</b>	<b>0</b>	<b>0</b>	<b>27724</b>															
<b>SPLIT %</b>	<b>49%</b>	<b>51%</b>	<b>0%</b>	<b>0%</b>	<b>37%</b>	<b>SPLIT %</b>	<b>52%</b>	<b>48%</b>	<b>0%</b>	<b>0%</b>	<b>63%</b>															



# VOLUME

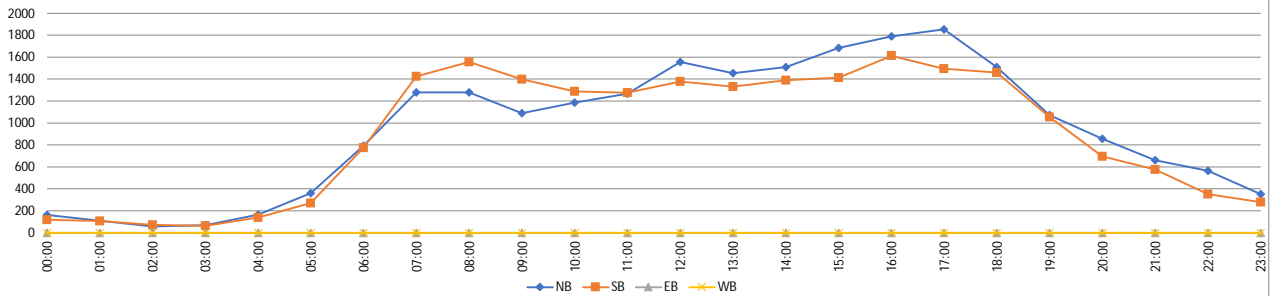
## NW 87th Ave N/O NW 33rd St

Day: Thursday  
Date: 11/14/2024

City: Doral  
Project #: FL24\_140343\_001

DAILY TOTALS					NB	SB	EB	WB	Total	DAILY TOTALS				
					22,671	21,515	0	0	44,186					

15-Minutes Interval						Hourly Intervals											
TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL
0:00	58	44			102	12:00	378	363			741	00:00	01:00	161	117		278
0:15	34	25			59	12:15	373	350			723	01:00	02:00	109	108		217
0:30	27	29			56	12:30	416	316			732	02:00	03:00	58	72		130
0:45	42	19			61	12:45	389	349			738	03:00	04:00	70	63		133
1:00	34	31			65	13:00	380	304			684	04:00	05:00	166	138		304
1:15	29	35			64	13:15	392	363			755	05:00	06:00	361	271		632
1:30	21	17			38	13:30	331	329			660	06:00	07:00	793	775		1568
1:45	25	25			50	13:45	351	335			686	07:00	08:00	1277	1425		2702
2:00	14	15			29	14:00	364	316			680	08:00	09:00	1278	1555		2833
2:15	11	25			36	14:15	364	306			670	09:00	10:00	1088	1398		2486
2:30	21	16			37	14:30	369	404			773	10:00	11:00	1185	1286		2471
2:45	12	16			28	14:45	411	362			773	11:00	12:00	1268	1276		2544
3:00	12	14			26	15:00	410	327			737	12:00	13:00	1556	1378		2934
3:15	13	16			29	15:15	418	361			779	13:00	14:00	1454	1331		2785
3:30	18	16			34	15:30	436	348			784	14:00	15:00	1508	1388		2896
3:45	27	17			44	15:45	420	377			797	15:00	16:00	1684	1413		3097
4:00	35	32			67	16:00	456	404			860	16:00	17:00	1789	1613		3402
4:15	28	21			49	16:15	439	406			845	17:00	18:00	1854	1494		3348
4:30	49	44			93	16:30	440	392			832	18:00	19:00	1508	1458		2966
4:45	54	41			95	16:45	454	411			865	19:00	20:00	1071	1054		2125
5:00	63	51			114	17:00	512	424			936	20:00	21:00	856	695		1551
5:15	78	45			123	17:15	449	370			819	21:00	22:00	661	575		1236
5:30	83	76			159	17:30	429	348			777	22:00	23:00	563	353		916
5:45	137	99			236	17:45	464	352			816	23:00	00:00	353	279		632
6:00	128	124			252	18:00	424	384			808	STATISTICS					
6:15	201	158			359	18:15	399	381			780						
6:30	205	208			413	18:30	363	361			724	Peak Period	00:00	to	12:00		
6:45	259	285			544	18:45	322	332			654	Volume	7814	8484		16298	
7:00	291	312			603	19:00	302	324			626	Peak Hour	7:30	8:00		7:30	
7:15	296	353			649	19:15	276	302			578	Peak Volume	1331	1555		2874	
7:30	337	378			715	19:30	249	236			485	Peak Hour Factor	0.943	0.962		0.978	
7:45	353	382			735	19:45	244	192			436	Peak Period	12:00	to	00:00		
8:00	333	390			723	20:00	209	169			378	Volume	14857	13031		27888	
8:15	308	393			701	20:15	228	189			417	Peak Hour	16:30	16:15		16:15	
8:30	328	368			696	20:30	220	167			387	Peak Volume	1855	1633		3478	
8:45	309	404			713	20:45	199	170			369	Peak Hour Factor	0.906	0.963		0.929	
9:00	316	351			667	21:00	198	156			354	Peak Period	07:00	to	09:00		
9:15	265	347			612	21:15	171	175			346	Volume	2555	2980		5535	
9:30	266	341			607	21:30	140	134			274	Peak Hour	7:30	8:00		7:30	
9:45	241	359			600	21:45	152	110			262	Peak Volume	1331	1555		2874	
10:00	290	340			630	22:00	137	105			242	Peak Hour Factor	0.943	0.962		0.978	
10:15	288	259			547	22:15	156	88			244	Peak Period	16:00	to	18:00		
10:30	300	345			645	22:30	150	78			228	Volume	3643	3107		6750	
10:45	307	342			649	22:45	120	82			202	Peak Hour	16:30	16:15		16:15	
11:00	283	292			575	23:00	97	98			195	Peak Volume	1855	1633		3478	
11:15	340	347			687	23:15	99	66			165	Peak Hour Factor	0.906	0.963		0.929	
11:30	333	335			668	23:30	94	73			167						
11:45	312	302			614	23:45	63	42			105						
<b>TOTALS</b>	<b>7814</b>	<b>8484</b>	<b>0</b>	<b>0</b>	<b>16298</b>	<b>TOTALS</b>	<b>14857</b>	<b>13031</b>	<b>0</b>	<b>0</b>	<b>27888</b>						
<b>SPLIT %</b>	<b>48%</b>	<b>52%</b>	<b>0%</b>	<b>0%</b>	<b>37%</b>	<b>SPLIT %</b>	<b>53%</b>	<b>47%</b>	<b>0%</b>	<b>0%</b>	<b>63%</b>						



## VOLUME

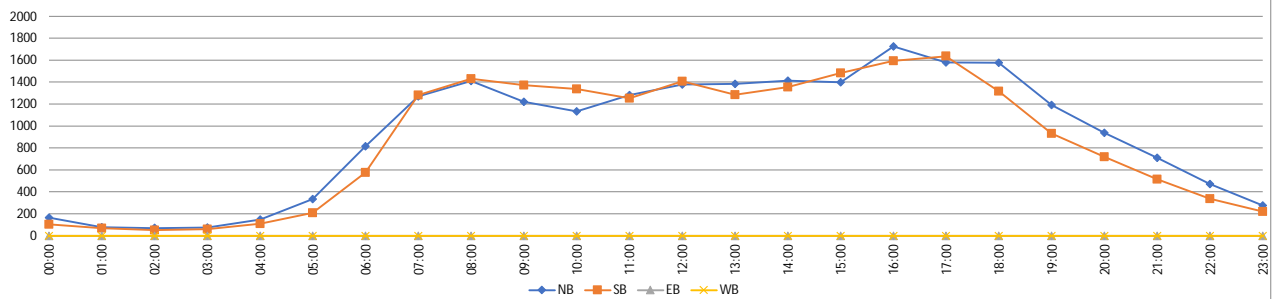
### NW 87th Ave S/O NW 33rd St

Day: Tuesday  
Date: 11/12/2024

City: Doral  
Project #: FL24\_140343\_002

DAILY TOTALS					NB	SB	EB	WB	Total	DAILY TOTALS				
					22,034	20,647	0	0	42,681					

15-Minutes Interval						Hourly Intervals												
TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL	
0:00	59	33			92	12:00	318	360			678	00:00	165	103			268	
0:15	36	28			64	12:15	345	336			681	01:00	79	70			149	
0:30	45	17			62	12:30	381	340			721	02:00	71	52			123	
0:45	25	25			50	12:45	333	372			705	03:00	76	61			137	
1:00	20	23			43	13:00	326	275			601	04:00	147	110			257	
1:15	17	14			31	13:15	339	351			690	05:00	333	210			543	
1:30	24	20			44	13:30	379	347			726	06:00	814	576			1390	
1:45	18	13			31	13:45	338	310			648	07:00	1270	1281			2551	
2:00	14	8			22	14:00	371	348			719	08:00	1411	1429			2840	
2:15	23	20			43	14:15	369	281			650	09:00	1221	1372			2593	
2:30	13	10			23	14:30	339	345			684	10:00	1134	1337			2471	
2:45	21	14			35	14:45	334	379			713	11:00	1282	1251			2533	
3:00	20	12			32	15:00	335	330			665	12:00	1377	1408			2785	
3:15	15	14			29	15:15	348	373			721	13:00	1382	1283			2665	
3:30	25	15			40	15:30	353	370			723	14:00	1413	1353			2766	
3:45	16	20			36	15:45	363	410			773	15:00	1399	1483			2882	
4:00	24	16			40	16:00	415	381			796	16:00	1725	1594			3319	
4:15	25	20			45	16:15	411	401			812	17:00	1578	1636			3214	
4:30	44	35			79	16:30	439	425			864	18:00	1575	1315			2890	
4:45	54	39			93	16:45	460	387			847	19:00	1190	932			2122	
5:00	45	27			72	17:00	466	428			894	20:00	937	718			1655	
5:15	64	38			102	17:15	348	433			781	21:00	709	516			1225	
5:30	85	73			158	17:30	394	387			781	22:00	471	338			809	
5:45	139	72			211	17:45	370	388			758	23:00	275	219			494	
6:00	134	98			232	18:00	408	379			787	STATISTICS						
6:15	212	126			338	18:15	375	348			723		NB	SB	EB	WB	TOTAL	
6:30	205	155			360	18:30	436	305			741	Peak Period	00:00	to	12:00			
6:45	263	197			460	18:45	356	283			639	Volume	8003		7852			15855
7:00	279	244			523	19:00	333	282			615	Peak Hour	7:45		8:15			7:45
7:15	315	300			615	19:15	310	247			557	Peak Volume	1433		1440			2851
7:30	303	375			678	19:30	286	202			488	Peak Hour Factor	0.960		0.965			0.970
7:45	373	362			735	19:45	261	201			462	Peak Period	12:00		to	00:00		
8:00	361	352			713	20:00	250	203			453	Volume	14031		12795			26826
8:15	368	344			712	20:15	231	186			417	Peak Hour	16:15		16:30			16:15
8:30	331	360			691	20:30	230	164			394	Peak Volume	1776		1673			3417
8:45	351	373			724	20:45	226	165			391	Peak Hour Factor	0.953		0.966			0.956
9:00	342	363			705	21:00	202	134			336	Peak Period	07:00		to	09:00		
9:15	309	331			640	21:15	201	142			343	Volume	2681		2710			5391
9:30	301	345			646	21:30	158	121			279	Peak Hour	7:45		7:30			7:45
9:45	269	333			602	21:45	148	119			267	Peak Volume	1433		1433			2851
10:00	290	367			657	22:00	128	113			241	Peak Hour Factor	0.960		0.955			0.970
10:15	296	315			611	22:15	123	65			188	Peak Period	16:00		to	18:00		
10:30	269	322			591	22:30	114	90			204	Volume	3303		3230			6533
10:45	279	333			612	22:45	106	70			176	Peak Hour	16:15		16:30			16:15
11:00	282	288			570	23:00	97	59			156	Peak Volume	1776		1673			3417
11:15	322	374			696	23:15	66	62			128	Peak Hour Factor	0.953		0.966			0.956
11:30	334	283			617	23:30	67	55			122							
11:45	344	306			650	23:45	45	43			88							
<b>TOTALS</b>	<b>8003</b>	<b>7852</b>	<b>0</b>	<b>0</b>	<b>15855</b>	<b>TOTALS</b>	<b>14031</b>	<b>12795</b>	<b>0</b>	<b>0</b>	<b>26826</b>							
<b>SPLIT %</b>	<b>50%</b>	<b>50%</b>	<b>0%</b>	<b>0%</b>	<b>37%</b>	<b>SPLIT %</b>	<b>52%</b>	<b>48%</b>	<b>0%</b>	<b>0%</b>	<b>63%</b>							





## VOLUME

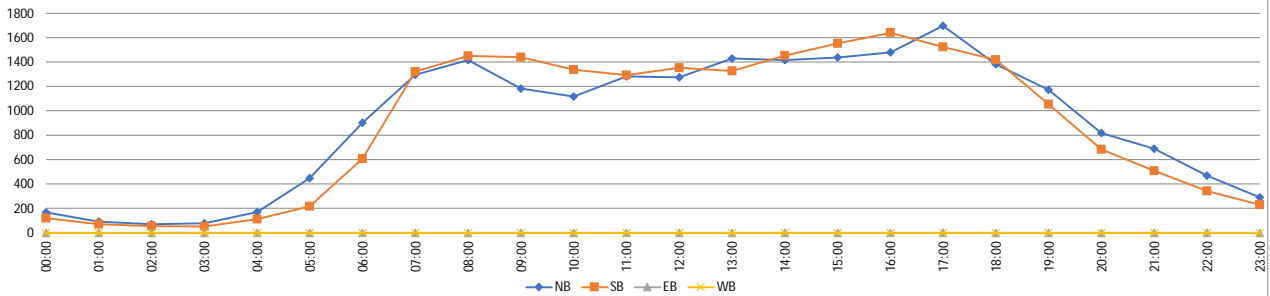
### NW 87th Ave S/O NW 33rd St

Day: Wednesday  
Date: 11/13/2024

City: Doral  
Project #: FL24\_140343\_002

DAILY TOTALS					NB	SB	EB	WB	Total	DAILY TOTALS				
					21,765	21,147	0	0	42,912					

15-Minutes Interval						Hourly Intervals											
TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL
0:00	53	36			89	12:00	281	348			629	00:00	168	119			287
0:15	34	31			65	12:15	315	351			666	01:00	91	69			160
0:30	46	25			71	12:30	376	316			692	02:00	71	55			126
0:45	35	27			62	12:45	301	337			638	03:00	79	52			131
1:00	24	27			51	13:00	388	340			728	04:00	170	111			281
1:15	29	20			49	13:15	356	342			698	05:00	448	217			665
1:30	26	12			38	13:30	334	312			646	06:00	902	607			1509
1:45	12	10			22	13:45	351	332			683	07:00	1295	1322			2617
2:00	19	13			32	14:00	349	330			679	08:00	1416	1449			2865
2:15	17	15			32	14:15	345	333			678	09:00	1182	1438			2620
2:30	19	14			33	14:30	353	371			724	10:00	1116	1338			2454
2:45	16	13			29	14:45	368	417			785	11:00	1281	1291			2572
3:00	13	11			24	15:00	354	408			762	12:00	1273	1352			2625
3:15	11	13			24	15:15	346	387			733	13:00	1429	1326			2755
3:30	26	7			33	15:30	360	364			724	14:00	1415	1451			2866
3:45	29	21			50	15:45	377	393			770	15:00	1437	1552			2989
4:00	27	15			42	16:00	330	417			747	16:00	1478	1641			3119
4:15	40	18			58	16:15	399	397			796	17:00	1697	1522			3219
4:30	45	40			85	16:30	373	395			768	18:00	1382	1417			2799
4:45	58	38			96	16:45	376	432			808	19:00	1172	1053			2225
5:00	66	31			97	17:00	425	418			843	20:00	817	684			1501
5:15	86	37			123	17:15	400	388			788	21:00	689	509			1198
5:30	120	73			193	17:30	419	347			766	22:00	468	342			810
5:45	176	76			252	17:45	453	369			822	23:00	289	230			519
6:00	167	108			275	18:00	365	404			769	STATISTICS					
6:15	278	118			396	18:15	371	416			787		NB	SB	EB	WB	TOTAL
6:30	215	180			395	18:30	386	314			700	Peak Period	00:00	to	12:00		
6:45	242	201			443	18:45	260	283			543	Volume	8219		8068		16287
7:00	306	260			566	19:00	341	340			681	Peak Hour	8:00		8:15		8:00
7:15	310	323			633	19:15	305	276			581	Peak Volume	1416		1495		2865
7:30	339	369			708	19:30	280	234			514	Peak Hour Factor	0.973		0.953		0.973
7:45	340	370			710	19:45	246	203			449	Peak Period	12:00	to	00:00		
8:00	364	338			702	20:00	237	187			424	Volume	13546		13079		26625
8:15	351	374			725	20:15	209	176			385	Peak Hour	17:00		16:15		17:00
8:30	357	345			702	20:30	182	153			335	Peak Volume	1697		1642		3219
8:45	344	392			736	20:45	189	168			357	Peak Hour Factor	0.937		0.950		0.955
9:00	312	384			696	21:00	198	137			335	Peak Period	07:00	to	09:00		
9:15	306	338			644	21:15	164	141			305	Volume	2711		2771		5482
9:30	272	365			637	21:30	179	124			303	Peak Hour	8:00		7:30		8:00
9:45	292	351			643	21:45	148	107			255	Peak Volume	1416		1451		2865
10:00	294	369			663	22:00	150	98			248	Peak Hour Factor	0.973		0.970		0.973
10:15	253	294			547	22:15	135	104			239	Peak Period	16:00	to	18:00		
10:30	288	348			636	22:30	108	73			181	Volume	3175		3163		6338
10:45	281	327			608	22:45	75	67			142	Peak Hour	17:00		16:15		17:00
11:00	297	319			616	23:00	107	69			176	Peak Volume	1697		1642		3219
11:15	314	367			681	23:15	69	61			130	Peak Hour Factor	0.937		0.950		0.955
11:30	313	311			624	23:30	61	55			116						
11:45	357	294			651	23:45	52	45			97						
<b>TOTALS</b>	<b>8219</b>	<b>8068</b>	<b>0</b>	<b>0</b>	<b>16287</b>	<b>TOTALS</b>	<b>13546</b>	<b>13079</b>	<b>0</b>	<b>0</b>	<b>26625</b>						
<b>SPLIT %</b>	<b>50%</b>	<b>50%</b>	<b>0%</b>	<b>0%</b>	<b>38%</b>	<b>SPLIT %</b>	<b>51%</b>	<b>49%</b>	<b>0%</b>	<b>0%</b>	<b>62%</b>						



## VOLUME

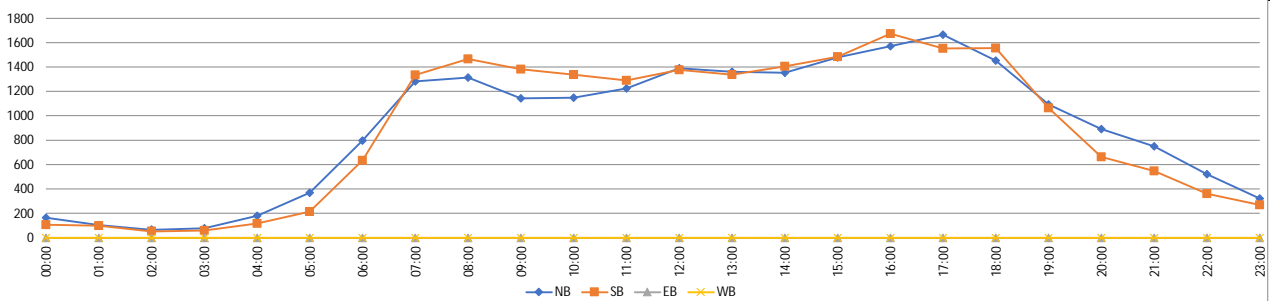
### NW 87th Ave S/O NW 33rd St

Day: Thursday  
Date: 11/14/2024

City: Doral  
Project #: FL24\_140343\_002

DAILY TOTALS		NB	SB	EB	WB	Total	DAILY TOTALS
		21,713	21,380	0	0	43,093	

15-Minutes Interval						Hourly Intervals												
TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL	
0:00	53	41			94	12:00	327	368			695	00:00	01:00	164	106			270
0:15	37	20			57	12:15	332	344			676	01:00	02:00	104	99			203
0:30	37	28			65	12:30	385	319			704	02:00	03:00	67	54			121
0:45	37	17			54	12:45	346	346			692	03:00	04:00	78	60			138
1:00	37	30			67	13:00	339	336			675	04:00	05:00	180	118			298
1:15	26	28			54	13:15	373	343			716	05:00	06:00	369	214			583
1:30	18	18			36	13:30	301	317			618	06:00	07:00	796	634			1430
1:45	23	23			46	13:45	347	342			689	07:00	08:00	1281	1334			2615
2:00	15	12			27	14:00	333	349			682	08:00	09:00	1313	1466			2779
2:15	14	19			33	14:15	339	302			641	09:00	10:00	1142	1382			2524
2:30	23	14			37	14:30	327	388			715	10:00	11:00	1149	1336			2485
2:45	15	9			24	14:45	354	367			721	11:00	12:00	1224	1289			2513
3:00	11	12			23	15:00	360	313			673	12:00	13:00	1390	1377			2767
3:15	23	17			40	15:15	364	389			753	13:00	14:00	1360	1338			2698
3:30	20	12			32	15:30	370	358			728	14:00	15:00	1353	1406			2759
3:45	24	19			43	15:45	385	424			809	15:00	16:00	1479	1484			2963
4:00	33	24			57	16:00	380	417			797	16:00	17:00	1570	1673			3243
4:15	36	18			54	16:15	397	416			813	17:00	18:00	1666	1553			3219
4:30	48	38			86	16:30	371	415			786	18:00	19:00	1452	1555			3007
4:45	63	38			101	16:45	422	425			847	19:00	20:00	1094	1064			2158
5:00	58	33			91	17:00	439	453			892	20:00	21:00	892	662			1554
5:15	76	37			113	17:15	413	394			807	21:00	22:00	748	546			1294
5:30	99	65			164	17:30	382	365			747	22:00	23:00	520	361			881
5:45	136	79			215	17:45	432	341			773	23:00	00:00	322	269			591
6:00	125	105			230	18:00	387	408			795	<b>STATISTICS</b>						
6:15	201	134			335	18:15	384	395			779		NB	SB	EB	WB	TOTAL	
6:30	210	178			388	18:30	369	384			753	Peak Period	00:00 to 12:00					
6:45	260	217			477	18:45	312	368			680	Volume	7867	8092			15959	
7:00	298	255			553	19:00	280	313			593	Peak Hour	8:15	7:30			8:15	
7:15	301	343			644	19:15	291	302			593	Peak Volume	1351	1470			2821	
7:30	336	377			713	19:30	276	239			515	Peak Hour Factor	0.951	0.975			0.985	
7:45	346	359			705	19:45	247	210			457	Peak Period	12:00 to 00:00					
8:00	317	357			674	20:00	236	169			405	Volume	13846	13288			27134	
8:15	318	377			695	20:15	230	171			401	Peak Hour	17:00	16:15			16:15	
8:30	350	357			707	20:30	215	160			375	Peak Volume	1666	1709			3338	
8:45	328	375			703	20:45	211	162			373	Peak Hour Factor	0.949	0.943			0.936	
9:00	355	361			716	21:00	218	149			367	Peak Period	07:00 to 09:00					
9:15	276	341			617	21:15	178	160			338	Volume	2594	2800			5394	
9:30	256	334			590	21:30	171	133			304	Peak Hour	7:45	7:30			7:30	
9:45	255	346			601	21:45	181	104			285	Peak Volume	1331	1470			2787	
10:00	291	328			619	22:00	128	103			231	Peak Hour Factor	0.951	0.975			0.977	
10:15	273	378			651	22:15	149	95			244	Peak Period	16:00 to 18:00					
10:30	302	319			621	22:30	141	79			220	Volume	3236	3226			6462	
10:45	283	311			594	22:45	102	84			186	Peak Hour	17:00	16:15			16:15	
11:00	274	280			554	23:00	92	95			187	Peak Volume	1666	1709			3338	
11:15	323	375			698	23:15	97	57			154	Peak Hour Factor	0.949	0.943			0.936	
11:30	323	332			655	23:30	73	76			149							
11:45	304	302			606	23:45	60	41			101							
<b>TOTALS</b>	<b>7867</b>	<b>8092</b>	<b>0</b>	<b>0</b>	<b>15959</b>	<b>TOTALS</b>	<b>13846</b>	<b>13288</b>	<b>0</b>	<b>0</b>	<b>27134</b>							
<b>SPLIT %</b>	<b>49%</b>	<b>51%</b>	<b>0%</b>	<b>0%</b>	<b>37%</b>	<b>SPLIT %</b>	<b>51%</b>	<b>49%</b>	<b>0%</b>	<b>0%</b>	<b>63%</b>							



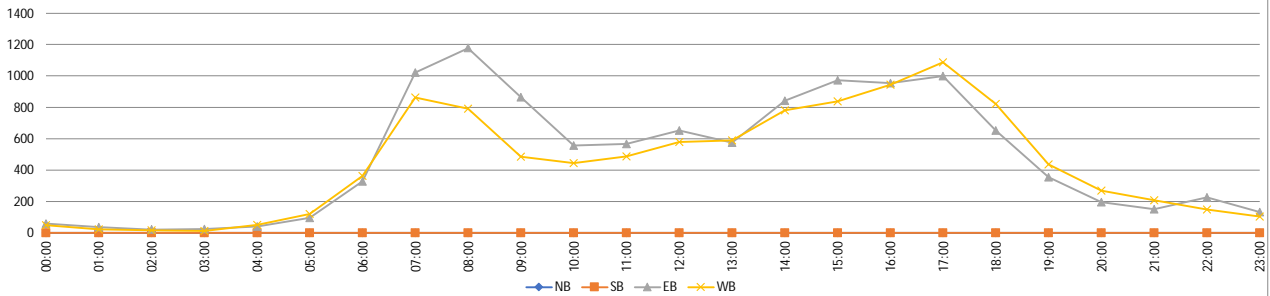
## VOLUME

### NW 33rd St W/O NW 91st Ave

Day: Tuesday  
Date: 11/12/2024

City: Doral  
Project #: FL24\_140343\_003

DAILY TOTALS						<table style="border-collapse: collapse; margin: 0 auto;"> <tr> <td style="border: none;">NB</td> <td style="border: none;">SB</td> <td style="border: none;">EB</td> <td style="border: none;">WB</td> <td style="border: none;">Total</td> </tr> <tr> <td style="border: none; text-align: center;">0</td> <td style="border: none; text-align: center;">0</td> <td style="border: none; text-align: center;">11,495</td> <td style="border: none; text-align: center;">10,499</td> <td style="border: none; text-align: center;">21,994</td> </tr> </table>					NB	SB	EB	WB	Total	0	0	11,495	10,499	21,994	DAILY TOTALS					
NB	SB	EB	WB	Total																						
0	0	11,495	10,499	21,994																						
15-Minutes Interval											Hourly Intervals															
TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL									
0:00			13	17	30	12:00			165	141	306	00:00	01:00			59	48	107								
0:15			11	10	21	12:15			166	120	286	01:00	02:00			36	22	58								
0:30			14	11	25	12:30			162	165	327	02:00	03:00			21	15	36								
0:45			21	10	31	12:45			159	152	311	03:00	04:00			24	12	36								
1:00			14	7	21	13:00			118	150	268	04:00	05:00			40	51	91								
1:15			10	5	15	13:15			132	151	283	05:00	06:00			96	120	216								
1:30			6	5	11	13:30			170	128	298	06:00	07:00			328	362	690								
1:45			6	5	11	13:45			155	159	314	07:00	08:00			1021	863	1884								
2:00			3	3	6	14:00			191	184	375	08:00	09:00			1178	790	1968								
2:15			4	4	8	14:15			194	179	373	09:00	10:00			864	485	1349								
2:30			4	5	9	14:30			225	236	461	10:00	11:00			556	443	999								
2:45			10	3	13	14:45			231	182	413	11:00	12:00			566	487	1053								
3:00			7	3	10	15:00			239	166	405	12:00	13:00			652	578	1230								
3:15			7	1	8	15:15			230	174	404	13:00	14:00			575	588	1163								
3:30			4	3	7	15:30			253	262	515	14:00	15:00			841	781	1622								
3:45			6	5	11	15:45			250	236	486	15:00	16:00			972	838	1810								
4:00			10	5	15	16:00			290	196	486	16:00	17:00			955	944	1899								
4:15			6	10	16	16:15			214	219	433	17:00	18:00			999	1087	2086								
4:30			12	15	27	16:30			222	265	487	18:00	19:00			653	822	1475								
4:45			12	21	33	16:45			229	264	493	19:00	20:00			355	436	791								
5:00			9	19	28	17:00			289	286	575	20:00	21:00			196	268	464								
5:15			21	19	40	17:15			263	298	561	21:00	22:00			151	208	359								
5:30			22	36	58	17:30			230	261	491	22:00	23:00			226	148	374								
5:45			44	46	90	17:45			217	242	459	23:00	00:00			131	103	234								
6:00			43	54	97	18:00			192	222	414	STATISTICS														
6:15			57	77	134	18:15			198	245	443		NB	SB	EB	WB	TOTAL									
6:30			95	88	183	18:30			153	197	350	Peak Period	00:00 to 12:00													
6:45			133	143	276	18:45			110	158	268	Volume			4789	3698	8487									
7:00			195	182	377	19:00			123	133	256	Peak Hour			8:00	7:15	7:45									
7:15			289	231	520	19:15			97	109	206	Peak Volume			1178	899	2006									
7:30			242	217	459	19:30			78	106	184	Peak Hour Factor			0.966	0.965	0.950									
7:45			295	233	528	19:45			57	88	145	Peak Period	12:00 to 00:00													
8:00			271	218	489	20:00			61	62	123	Volume			6706	6801	13507									
8:15			300	198	498	20:15			60	81	141	Peak Hour			15:15	16:30	16:45									
8:30			302	189	491	20:30			30	71	101	Peak Volume			1023	1113	2120									
8:45			305	185	490	20:45			45	54	99	Peak Hour Factor			0.882	0.934	0.922									
9:00			263	131	394	21:00			28	57	85	Peak Period	07:00 to 09:00													
9:15			205	137	342	21:15			46	56	102	Volume			2199	1653	3852									
9:30			190	108	298	21:30			41	51	92	Peak Hour			8:00	7:15	7:45									
9:45			206	109	315	21:45			36	44	80	Peak Volume			1178	899	2006									
10:00			160	104	264	22:00			62	36	98	Peak Hour Factor			0.966	0.965	0.950									
10:15			139	111	250	22:15			61	37	98	Peak Period	16:00 to 18:00													
10:30			131	116	247	22:30			53	38	91	Volume			1954	2031	3985									
10:45			126	112	238	22:45			50	37	87	Peak Hour			16:45	16:30	16:45									
11:00			124	119	243	23:00			43	38	81	Peak Volume			1011	1113	2120									
11:15			142	118	260	23:15			36	29	65	Peak Hour Factor			0.875	0.934	0.922									
11:30			133	114	247	23:30			35	18	53															
11:45			167	136	303	23:45			17	18	35															
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>4789</b>	<b>3698</b>	<b>8487</b>	<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>6706</b>	<b>6801</b>	<b>13507</b>															
<b>SPLIT %</b>	<b>0%</b>	<b>0%</b>	<b>56%</b>	<b>44%</b>	<b>39%</b>	<b>SPLIT %</b>	<b>0%</b>	<b>0%</b>	<b>50%</b>	<b>50%</b>	<b>61%</b>															



## VOLUME

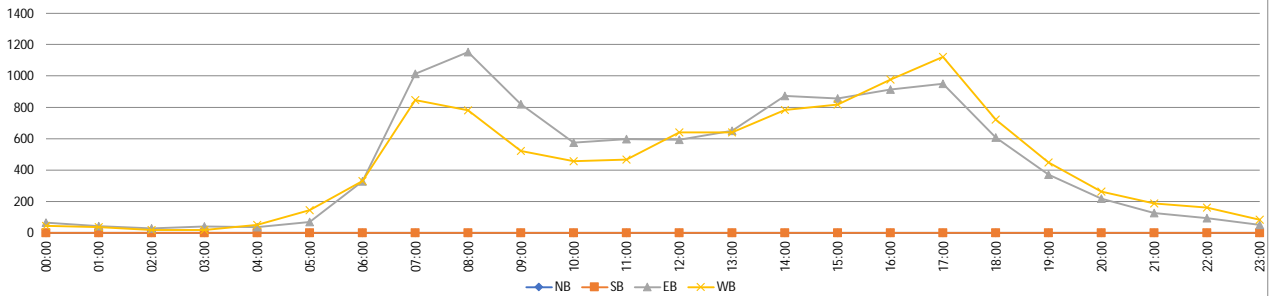
### NW 33rd St W/O NW 91st Ave

Day: Wednesday  
Date: 11/13/2024

City: Doral  
Project #: FL24\_140343\_003

DAILY TOTALS	NB	SB	EB	WB	Total	DAILY TOTALS
	0	0	11,066	10,552	21,618	

15-Minutes Interval						Hourly Intervals												
TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL	
0:00			16	16	32	12:00			161	159	320	00:00	01:00			65	45	110
0:15			18	9	27	12:15			148	150	298	01:00	02:00			43	35	78
0:30			18	13	31	12:30			122	161	283	02:00	03:00			28	18	46
0:45			13	7	20	12:45			161	170	331	03:00	04:00			40	18	58
1:00			18	12	30	13:00			190	142	332	04:00	05:00			36	50	86
1:15			8	9	17	13:15			153	149	302	05:00	06:00			68	144	212
1:30			7	7	14	13:30			142	158	300	06:00	07:00			328	329	657
1:45			10	7	17	13:45			165	191	356	07:00	08:00			1014	845	1859
2:00			5	6	11	14:00			186	154	340	08:00	09:00			1152	780	1932
2:15			7	5	12	14:15			210	194	404	09:00	10:00			820	522	1342
2:30			9	5	14	14:30			263	215	478	10:00	11:00			574	457	1031
2:45			7	2	9	14:45			213	219	432	11:00	12:00			597	467	1064
3:00			6	4	10	15:00			210	211	421	12:00	13:00			592	640	1232
3:15			9	3	12	15:15			201	199	400	13:00	14:00			650	640	1290
3:30			7	7	14	15:30			231	205	436	14:00	15:00			872	782	1654
3:45			18	4	22	15:45			215	203	418	15:00	16:00			857	818	1675
4:00			10	6	16	16:00			226	232	458	16:00	17:00			914	976	1890
4:15			8	9	17	16:15			221	233	454	17:00	18:00			949	1122	2071
4:30			5	13	18	16:30			237	260	497	18:00	19:00			608	722	1330
4:45			13	22	35	16:45			230	251	481	19:00	20:00			370	449	819
5:00			6	24	30	17:00			255	299	554	20:00	21:00			218	263	481
5:15			13	29	42	17:15			228	330	558	21:00	22:00			126	187	313
5:30			20	35	55	17:30			247	271	518	22:00	23:00			94	160	254
5:45			29	56	85	17:45			219	222	441	23:00	00:00			51	83	134
6:00			43	39	82	18:00			214	214	428	<b>STATISTICS</b>						
6:15			45	81	126	18:15			165	207	372							
6:30			101	90	191	18:30			121	162	283	Peak Period	00:00	to	12:00			
6:45			139	119	258	18:45			108	139	247	Volume				4765	3710	8475
7:00			206	197	403	19:00			113	150	263	Peak Hour			8:00	7:15	7:30	
7:15			283	221	504	19:15			94	111	205	Peak Volume				1152	887	1983
7:30			261	224	485	19:30			99	109	208	Peak Hour Factor				0.944	0.928	0.942
7:45			264	203	467	19:45			64	79	143	Peak Period	12:00	to	00:00			
8:00			287	239	526	20:00			65	74	139	Volume				6301	6842	13143
8:15			293	212	505	20:15			52	56	108	Peak Hour			16:45	16:45	16:45	
8:30			305	165	470	20:30			47	66	113	Peak Volume				960	1151	2111
8:45			267	164	431	20:45			54	67	121	Peak Hour Factor				0.941	0.872	0.946
9:00			245	157	402	21:00			28	49	77	Peak Period	07:00	to	09:00			
9:15			201	128	329	21:15			27	43	70	Volume				2166	1625	3791
9:30			179	124	303	21:30			34	55	89	Peak Hour			8:00	7:15	7:30	
9:45			195	113	308	21:45			37	40	77	Peak Volume				1152	887	1983
10:00			163	106	269	22:00			35	48	83	Peak Hour Factor				0.944	0.928	0.942
10:15			145	111	256	22:15			23	41	64	Peak Period	16:00	to	18:00			
10:30			137	115	252	22:30			19	43	62	Volume				1863	2098	3961
10:45			129	125	254	22:45			17	28	45	Peak Hour			16:45	16:45	16:45	
11:00			151	102	253	23:00			24	26	50	Peak Volume				960	1151	2111
11:15			144	105	249	23:15			15	24	39	Peak Hour Factor				0.941	0.872	0.946
11:30			161	129	290	23:30			6	17	23							
11:45			141	131	272	23:45			6	16	22							
<b>TOTALS</b>	0	0	4765	3710	8475	<b>TOTALS</b>	0	0	6301	6842	13143							
<b>SPLIT %</b>	0%	0%	56%	44%	39%	<b>SPLIT %</b>	0%	0%	48%	52%	61%							



## VOLUME

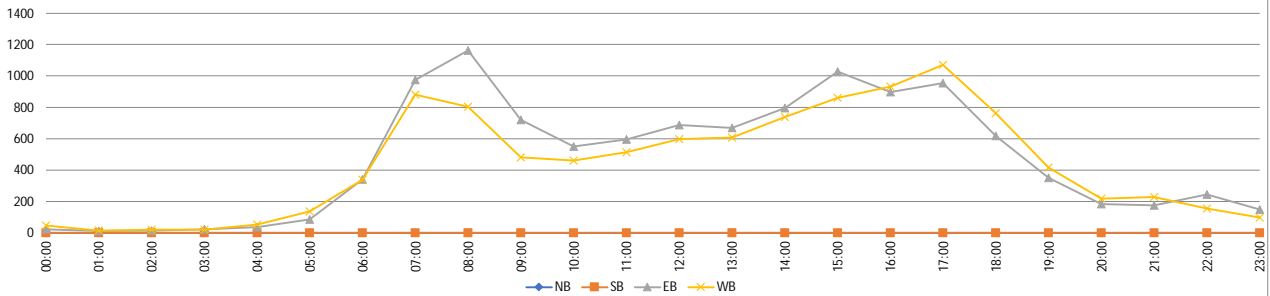
### NW 33rd St W/O NW 91st Ave

Day: Thursday  
Date: 11/14/2024

City: Doral  
Project #: FL24\_140343\_003

DAILY TOTALS	NB	SB	EB	WB	Total	DAILY TOTALS
	0	0	11,278	10,443	21,721	

15-Minutes Interval						Hourly Intervals												
TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL	
0:00			5	12	17	12:00			174	139	313	00:00	01:00			22	47	69
0:15			9	20	29	12:15			160	139	299	01:00	02:00			12	15	27
0:30			3	6	9	12:30			169	157	326	02:00	03:00			13	20	33
0:45			5	9	14	12:45			183	162	345	03:00	04:00			22	19	41
1:00			3	7	10	13:00			159	140	299	04:00	05:00			36	53	89
1:15			4	3	7	13:15			161	166	327	05:00	06:00			85	135	220
1:30			4	1	5	13:30			160	145	305	06:00	07:00			340	337	677
1:45			1	4	5	13:45			189	156	345	07:00	08:00			975	880	1855
2:00			3	5	8	14:00			192	191	383	08:00	09:00			1163	804	1967
2:15			1	6	7	14:15			191	163	354	09:00	10:00			720	481	1201
2:30			4	6	10	14:30			187	223	410	10:00	11:00			550	460	1010
2:45			5	3	8	14:45			225	160	385	11:00	12:00			595	513	1108
3:00			2	8	10	15:00			243	180	423	12:00	13:00			686	597	1283
3:15			3	0	3	15:15			242	175	417	13:00	14:00			669	607	1276
3:30			4	6	10	15:30			290	258	548	14:00	15:00			795	737	1532
3:45			13	5	18	15:45			252	247	499	15:00	16:00			1027	860	1887
4:00			5	9	14	16:00			231	229	460	16:00	17:00			896	932	1828
4:15			4	11	15	16:15			212	232	444	17:00	18:00			954	1071	2025
4:30			9	14	23	16:30			221	242	463	18:00	19:00			617	762	1379
4:45			18	19	37	16:45			232	229	461	19:00	20:00			351	415	766
5:00			7	29	36	17:00			271	262	533	20:00	21:00			183	218	401
5:15			15	22	37	17:15			241	278	519	21:00	22:00			175	228	403
5:30			22	30	52	17:30			244	279	523	22:00	23:00			244	155	399
5:45			41	54	95	17:45			198	252	450	23:00	00:00			148	97	245
6:00			40	48	88	18:00			189	241	430	STATISTICS						
6:15			63	64	127	18:15			172	219	391		NB	SB	EB	WB	TOTAL	
6:30			102	72	174	18:30			139	163	302	Peak Period	00:00 to 12:00					
6:45			135	153	288	18:45			117	139	256	Volume			4533	3764	8297	
7:00			188	192	380	19:00			97	117	214	Peak Hour			8:00	7:30	7:30	
7:15			272	214	486	19:15			103	140	243	Peak Volume			1163	914	2023	
7:30			268	251	519	19:30			68	87	155	Peak Hour Factor			0.944	0.910	0.967	
7:45			247	223	470	19:45			83	71	154	Peak Period	12:00 to 00:00					
8:00			286	225	511	20:00			49	67	116	Volume			6745	6679	13424	
8:15			308	215	523	20:15			59	50	109	Peak Hour			15:00	17:00	16:45	
8:30			297	188	485	20:30			35	46	81	Peak Volume			1027	1071	2036	
8:45			272	176	448	20:45			40	55	95	Peak Hour Factor			0.885	0.960	0.955	
9:00			248	158	406	21:00			38	59	97	Peak Period	07:00 to 09:00					
9:15			179	109	288	21:15			52	52	104	Volume			2138	1684	3822	
9:30			151	111	262	21:30			40	66	106	Peak Hour			8:00	7:30	7:30	
9:45			142	103	245	21:45			45	51	96	Peak Volume			1163	914	2023	
10:00			156	109	265	22:00			61	46	107	Peak Hour Factor			0.944	0.910	0.967	
10:15			141	104	245	22:15			78	40	118	Peak Period	16:00 to 18:00					
10:30			146	122	268	22:30			58	38	96	Volume			1850	2003	3853	
10:45			107	125	232	22:45			47	31	78	Peak Hour			16:45	17:00	16:45	
11:00			128	108	236	23:00			58	36	94	Peak Volume			988	1071	2036	
11:15			166	122	288	23:15			33	31	64	Peak Hour Factor			0.911	0.960	0.955	
11:30			166	136	302	23:30			35	17	52							
11:45			135	147	282	23:45			22	13	35							
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>4533</b>	<b>3764</b>	<b>8297</b>	<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>6745</b>	<b>6679</b>	<b>13424</b>							
<b>SPLIT %</b>	<b>0%</b>	<b>0%</b>	<b>55%</b>	<b>45%</b>	<b>38%</b>	<b>SPLIT %</b>	<b>0%</b>	<b>0%</b>	<b>50%</b>	<b>50%</b>	<b>62%</b>							

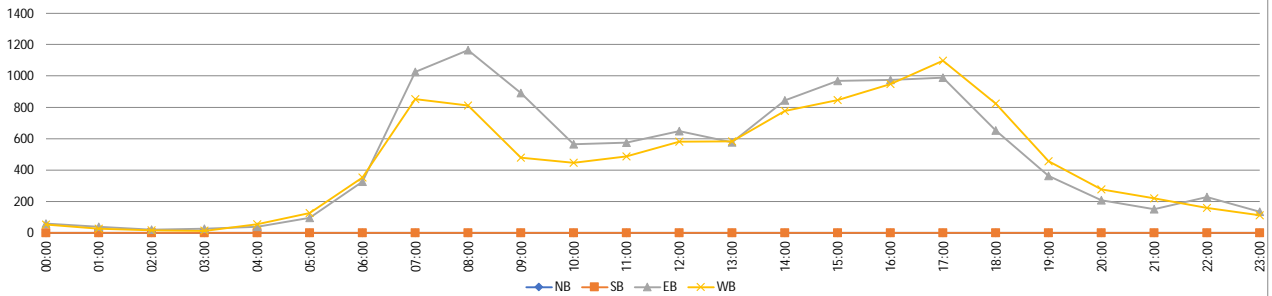


### VOLUME NW 33rd St E/O NW 91st Ave

Day: Tuesday  
Date: 11/12/2024

City: Doral  
Project #: FL24\_140343\_004

DAILY TOTALS						<table border="1" style="margin: 0 auto; border-collapse: collapse;"> <tr> <td>NB</td> <td>SB</td> <td>EB</td> <td>WB</td> <td>Total</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">11,556</td> <td style="text-align: center;">10,591</td> <td style="text-align: center;">22,147</td> </tr> </table>					NB	SB	EB	WB	Total	0	0	11,556	10,591	22,147	DAILY TOTALS					
NB	SB	EB	WB	Total																						
0	0	11,556	10,591	22,147																						
15-Minutes Interval											Hourly Intervals															
TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL									
0:00			14	17	31	12:00			165	140	305	00:00	01:00			59	52	111								
0:15			11	11	22	12:15			166	126	292	01:00	02:00			37	26	63								
0:30			14	13	27	12:30			159	169	328	02:00	03:00			20	16	36								
0:45			20	11	31	12:45			158	146	304	03:00	04:00			25	13	38								
1:00			15	8	23	13:00			121	151	272	04:00	05:00			38	54	92								
1:15			10	6	16	13:15			134	148	282	05:00	06:00			96	126	222								
1:30			6	7	13	13:30			172	130	302	06:00	07:00			326	353	679								
1:45			6	5	11	13:45			150	154	304	07:00	08:00			1025	852	1877								
2:00			2	3	5	14:00			196	183	379	08:00	09:00			1165	812	1977								
2:15			5	4	9	14:15			197	184	381	09:00	10:00			890	478	1368								
2:30			4	5	9	14:30			222	221	443	10:00	11:00			564	447	1011								
2:45			9	4	13	14:45			229	188	417	11:00	12:00			575	487	1062								
3:00			8	3	11	15:00			244	168	412	12:00	13:00			648	581	1229								
3:15			6	1	7	15:15			230	174	404	13:00	14:00			577	583	1160								
3:30			5	3	8	15:30			247	263	510	14:00	15:00			844	776	1620								
3:45			6	6	12	15:45			248	241	489	15:00	16:00			969	846	1815								
4:00			9	7	16	16:00			297	192	489	16:00	17:00			975	948	1923								
4:15			6	11	17	16:15			219	219	438	17:00	18:00			989	1097	2086								
4:30			9	16	25	16:30			223	280	503	18:00	19:00			653	823	1476								
4:45			14	20	34	16:45			236	257	493	19:00	20:00			362	456	818								
5:00			8	20	28	17:00			281	292	573	20:00	21:00			208	277	485								
5:15			21	20	41	17:15			259	293	552	21:00	22:00			150	219	369								
5:30			24	37	61	17:30			230	275	505	22:00	23:00			228	158	386								
5:45			43	49	92	17:45			219	237	456	23:00	00:00			133	111	244								
6:00			43	52	95	18:00			195	218	413	STATISTICS														
6:15			54	77	131	18:15			193	238	431	NB SB EB WB TOTAL														
6:30			95	87	182	18:30			156	209	365	Peak Period	00:00 to 12:00													
6:45			134	137	271	18:45			109	158	267	Volume			4820	3716	8536									
7:00			196	177	373	19:00			123	140	263	Peak Hour			8:15	7:15	7:15									
7:15			287	236	523	19:15			101	112	213	Peak Volume			1172	910	2015									
7:30			252	218	470	19:30			77	109	186	Peak Hour Factor			0.961	0.964	0.963									
7:45			290	221	511	19:45			61	95	156	Peak Period	12:00 to 00:00													
8:00			276	235	511	20:00			65	63	128	Volume			6736	6875	13611									
8:15			292	195	487	20:15			63	82	145	Peak Hour			15:15	16:30	16:45									
8:30			305	195	500	20:30			32	75	107	Peak Volume			1022	1122	2123									
8:45			292	187	479	20:45			48	57	105	Peak Hour Factor			0.860	0.957	0.926									
9:00			283	127	410	21:00			28	60	88	Peak Period	07:00 to 09:00													
9:15			203	137	340	21:15			46	56	102	Volume			2190	1664	3854									
9:30			193	105	298	21:30			40	53	93	Peak Hour			8:00	7:15	7:15									
9:45			211	109	320	21:45			36	50	86	Peak Volume			1165	910	2015									
10:00			164	105	269	22:00			61	37	98	Peak Hour Factor			0.955	0.964	0.963									
10:15			141	113	254	22:15			58	38	96	Peak Period	16:00 to 18:00													
10:30			130	118	248	22:30			57	40	97	Volume			1964	2045	4009									
10:45			129	111	240	22:45			52	43	95	Peak Hour			16:45	16:30	16:45									
11:00			128	124	252	23:00			44	41	85	Peak Volume			1006	1122	2123									
11:15			140	113	253	23:15			35	31	66	Peak Hour Factor			0.895	0.957	0.926									
11:30			133	112	245	23:30			38	19	57															
11:45			174	138	312	23:45			16	20	36															
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>4820</b>	<b>3716</b>	<b>8536</b>	<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>6736</b>	<b>6875</b>	<b>13611</b>															
<b>SPLIT %</b>	<b>0%</b>	<b>0%</b>	<b>56%</b>	<b>44%</b>	<b>39%</b>	<b>SPLIT %</b>	<b>0%</b>	<b>0%</b>	<b>49%</b>	<b>51%</b>	<b>61%</b>															



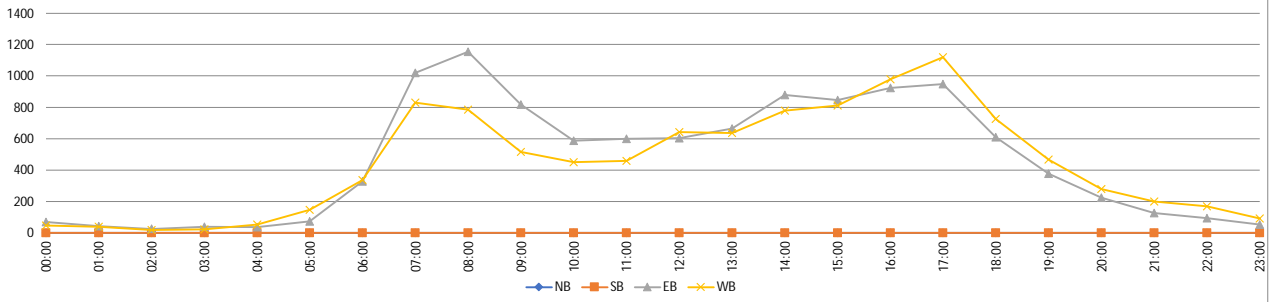
## VOLUME

### NW 33rd St E/O NW 91st Ave

Day: Wednesday  
Date: 11/13/2024

City: Doral  
Project #: FL24\_140343\_004

DAILY TOTALS						NB	SB	EB	WB	Total	DAILY TOTALS							
						0	0	11,127	10,586	21,713								
15-Minutes Interval												Hourly Intervals						
TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL	
0:00			18	17	35	12:00			163	155	318	00:00	01:00			68	46	114
0:15			17	11	28	12:15			152	147	299	01:00	02:00			42	37	79
0:30			19	13	32	12:30			125	167	292	02:00	03:00			25	18	43
0:45			14	5	19	12:45			163	173	336	03:00	04:00			38	21	59
1:00			16	10	26	13:00			198	136	334	04:00	05:00			35	52	87
1:15			8	13	21	13:15			154	145	299	05:00	06:00			72	147	219
1:30			8	7	15	13:30			144	166	310	06:00	07:00			327	335	662
1:45			10	7	17	13:45			168	188	356	07:00	08:00			1019	829	1848
2:00			3	6	9	14:00			187	156	343	08:00	09:00			1154	785	1939
2:15			7	5	12	14:15			211	192	403	09:00	10:00			818	515	1333
2:30			9	5	14	14:30			270	212	482	10:00	11:00			586	450	1036
2:45			6	2	8	14:45			211	219	430	11:00	12:00			600	458	1058
3:00			6	4	10	15:00			197	199	396	12:00	13:00			603	642	1245
3:15			8	3	11	15:15			203	200	403	13:00	14:00			664	635	1299
3:30			8	8	16	15:30			233	204	437	14:00	15:00			879	779	1658
3:45			16	6	22	15:45			213	208	421	15:00	16:00			846	811	1657
4:00			11	6	17	16:00			229	223	452	16:00	17:00			923	978	1901
4:15			6	10	16	16:15			226	235	461	17:00	18:00			947	1120	2067
4:30			5	13	18	16:30			241	267	508	18:00	19:00			610	725	1335
4:45			13	23	36	16:45			227	253	480	19:00	20:00			376	466	842
5:00			6	24	30	17:00			260	304	564	20:00	21:00			223	278	501
5:15			14	28	42	17:15			223	318	541	21:00	22:00			125	199	324
5:30			22	34	56	17:30			252	277	529	22:00	23:00			94	168	262
5:45			30	61	91	17:45			212	221	433	23:00	00:00			53	92	145
6:00			46	40	86	18:00			216	214	430	STATISTICS						
6:15			46	86	132	18:15			163	205	368		NB	SB	EB	WB	TOTAL	
6:30			101	89	190	18:30			123	167	290	Peak Period	00:00 to 12:00					
6:45			134	120	254	18:45			108	139	247	Volume			4784	3693	8477	
7:00			209	189	398	19:00			113	155	268	Peak Hour			8:00	7:15	7:30	
7:15			286	224	510	19:15			92	118	210	Peak Volume			1154	883	1983	
7:30			269	217	486	19:30			103	104	207	Peak Hour Factor			0.968	0.908	0.934	
7:45			255	199	454	19:45			68	89	157	Peak Period	12:00 to 00:00					
8:00			288	243	531	20:00			64	76	140	Volume			6343	6893	13236	
8:15			298	214	512	20:15			56	59	115	Peak Hour			16:45	16:45	16:45	
8:30			297	172	469	20:30			48	69	117	Peak Volume			962	1152	2114	
8:45			271	156	427	20:45			55	74	129	Peak Hour Factor			0.925	0.906	0.937	
9:00			249	155	404	21:00			33	53	86	Peak Period	07:00 to 09:00					
9:15			196	129	325	21:15			28	47	75	Volume			2173	1614	3787	
9:30			184	118	302	21:30			31	56	87	Peak Hour			8:00	7:15	7:30	
9:45			189	113	302	21:45			33	43	76	Peak Volume			1154	883	1983	
10:00			168	107	275	22:00			34	51	85	Peak Hour Factor			0.968	0.908	0.934	
10:15			147	105	252	22:15			26	44	70	Peak Period	16:00 to 18:00					
10:30			145	114	259	22:30			19	43	62	Volume			1870	2098	3968	
10:45			126	124	250	22:45			15	30	45	Peak Hour			16:45	16:45	16:45	
11:00			152	103	255	23:00			25	31	56	Peak Volume			962	1152	2114	
11:15			149	107	256	23:15			16	23	39	Peak Hour Factor			0.925	0.906	0.937	
11:30			159	122	281	23:30			5	17	22							
11:45			140	126	266	23:45			7	21	28							
<b>TOTALS</b>	0	0	4784	3693	8477	<b>TOTALS</b>	0	0	6343	6893	13236							
<b>SPLIT %</b>	0%	0%	56%	44%	39%	<b>SPLIT %</b>	0%	0%	48%	52%	61%							



## VOLUME

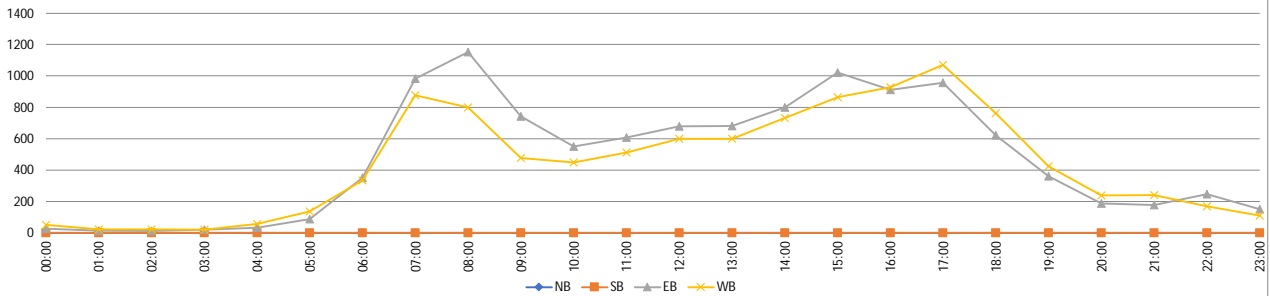
### NW 33rd St E/O NW 91st Ave

Day: Thursday  
Date: 11/14/2024

City: Doral  
Project #: FL24\_140343\_004

DAILY TOTALS	NB	SB	EB	WB	Total	DAILY TOTALS
	0	0	11,362	10,489	21,851	

15-Minutes Interval						Hourly Intervals											
TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL
0:00			7	16	23	12:00			171	140	311	00:00	01:00		25	51	76
0:15			9	20	29	12:15			168	141	309	01:00	02:00		14	21	35
0:30			3	6	9	12:30			166	160	326	02:00	03:00		12	22	34
0:45			6	9	15	12:45			174	159	333	03:00	04:00		19	20	39
1:00			4	9	13	13:00			170	132	302	04:00	05:00		32	56	88
1:15			5	3	8	13:15			153	161	314	05:00	06:00		86	136	222
1:30			4	5	9	13:30			165	153	318	06:00	07:00		351	333	684
1:45			1	4	5	13:45			192	154	346	07:00	08:00		983	877	1860
2:00			3	5	8	14:00			186	189	375	08:00	09:00		1152	800	1952
2:15			1	6	7	14:15			194	165	359	09:00	10:00		741	477	1218
2:30			4	6	10	14:30			190	221	411	10:00	11:00		551	449	1000
2:45			4	5	9	14:45			228	156	384	11:00	12:00		607	512	1119
3:00			2	8	10	15:00			245	184	429	12:00	13:00		679	600	1279
3:15			3	0	3	15:15			244	177	421	13:00	14:00		680	600	1280
3:30			4	6	10	15:30			285	255	540	14:00	15:00		798	731	1529
3:45			10	6	16	15:45			248	248	496	15:00	16:00		1022	864	1886
4:00			5	10	15	16:00			233	220	453	16:00	17:00		911	928	1839
4:15			4	11	15	16:15			212	231	443	17:00	18:00		957	1071	2028
4:30			7	15	22	16:30			233	242	475	18:00	19:00		621	762	1383
4:45			16	20	36	16:45			233	235	468	19:00	20:00		361	423	784
5:00			7	29	36	17:00			277	270	547	20:00	21:00		186	238	424
5:15			16	22	38	17:15			237	282	519	21:00	22:00		177	240	417
5:30			23	30	53	17:30			241	273	514	22:00	23:00		247	169	416
5:45			40	55	95	17:45			202	246	448	23:00	00:00		150	109	259
6:00			46	49	95	18:00			194	236	430	STATISTICS					
6:15			64	64	128	18:15			175	219	394		NB	SB	EB	WB	TOTAL
6:30			102	76	178	18:30			138	164	302	Peak Period	00:00 to 12:00				
6:45			139	144	283	18:45			114	143	257	Volume			4573	3754	8327
7:00			191	189	380	19:00			103	122	225	Peak Hour			8:00	7:15	7:30
7:15			273	215	488	19:15			104	140	244	Peak Volume			1152	920	2026
7:30			270	246	516	19:30			68	92	160	Peak Hour Factor			0.941	0.935	0.978
7:45			249	227	476	19:45			86	69	155	Peak Period	12:00 to 00:00				
8:00			284	232	516	20:00			48	72	120	Volume			6789	6735	13524
8:15			306	212	518	20:15			57	54	111	Peak Hour			15:00	17:00	16:45
8:30			298	187	485	20:30			38	51	89	Peak Volume			1022	1071	2048
8:45			264	169	433	20:45			43	61	104	Peak Hour Factor			0.896	0.949	0.936
9:00			261	153	414	21:00			40	63	103	Peak Period	07:00 to 09:00				
9:15			184	113	297	21:15			52	57	109	Volume			2135	1677	3812
9:30			154	108	262	21:30			39	67	106	Peak Hour			8:00	7:15	7:30
9:45			142	103	245	21:45			46	53	99	Peak Volume			1152	920	2026
10:00			155	107	262	22:00			61	50	111	Peak Hour Factor			0.941	0.935	0.978
10:15			139	104	243	22:15			76	42	118	Peak Period	16:00 to 18:00				
10:30			147	120	267	22:30			62	42	104	Volume			1868	1999	3867
10:45			110	118	228	22:45			48	35	83	Peak Hour			16:45	17:00	16:45
11:00			129	112	241	23:00			58	43	101	Peak Volume			988	1071	2048
11:15			171	122	293	23:15			33	34	67	Peak Hour Factor			0.892	0.949	0.936
11:30			168	136	304	23:30			36	17	53						
11:45			139	142	281	23:45			23	15	38						
<b>TOTALS</b>	0	0	4573	3754	8327	<b>TOTALS</b>	0	0	6789	6735	13524						
<b>SPLIT %</b>	0%	0%	55%	45%	38%	<b>SPLIT %</b>	0%	0%	50%	50%	62%						





# VOLUME

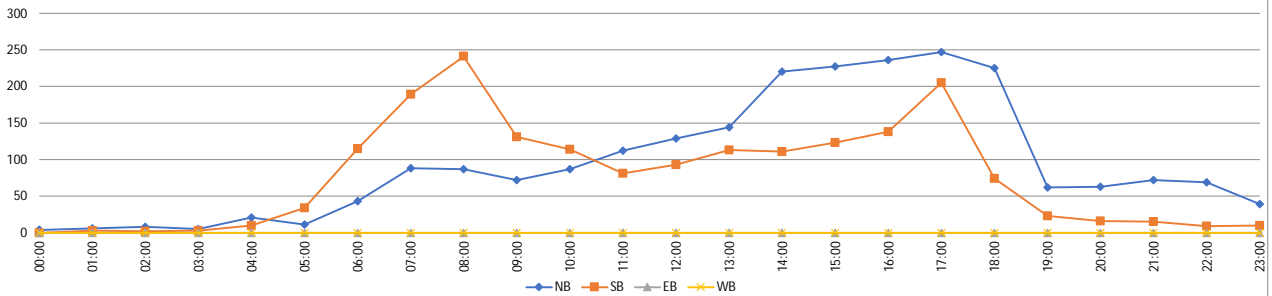
## NW 92nd Ave S/O NW 33rd St

Day: Tuesday  
Date: 11/12/2024

City: Doral  
Project #: FL24\_140343\_005

DAILY TOTALS					NB	SB	EB	WB	Total	DAILY TOTALS				
					2,277	1,853	0	0	4,130					

15-Minutes Interval						Hourly Intervals												
TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL	
0:00	2	0			2	12:00	32	27			59	00:00	01:00	4	0			4
0:15	0	0			0	12:15	33	15			48	01:00	02:00	6	3			9
0:30	1	0			1	12:30	35	29			64	02:00	03:00	8	2			10
0:45	1	0			1	12:45	29	22			51	03:00	04:00	5	3			8
1:00	3	1			4	13:00	35	33			68	04:00	05:00	21	10			31
1:15	0	1			1	13:15	32	23			55	05:00	06:00	11	34			45
1:30	2	1			3	13:30	42	26			68	06:00	07:00	43	115			158
1:45	1	0			1	13:45	35	31			66	07:00	08:00	88	189			277
2:00	0	0			0	14:00	54	22			76	08:00	09:00	87	241			328
2:15	0	1			1	14:15	58	27			85	09:00	10:00	72	131			203
2:30	4	0			4	14:30	60	28			88	10:00	11:00	87	114			201
2:45	4	1			5	14:45	48	34			82	11:00	12:00	112	81			193
3:00	2	0			2	15:00	53	32			85	12:00	13:00	129	93			222
3:15	0	1			1	15:15	48	23			71	13:00	14:00	144	113			257
3:30	0	2			2	15:30	72	29			101	14:00	15:00	220	111			331
3:45	3	0			3	15:45	54	39			93	15:00	16:00	227	123			350
4:00	5	1			6	16:00	68	36			104	16:00	17:00	236	138			374
4:15	5	4			9	16:15	56	35			91	17:00	18:00	247	205			452
4:30	5	4			9	16:30	58	35			93	18:00	19:00	225	74			299
4:45	6	1			7	16:45	54	32			86	19:00	20:00	62	23			85
5:00	2	3			5	17:00	67	40			107	20:00	21:00	63	16			79
5:15	5	4			9	17:15	52	60			112	21:00	22:00	72	15			87
5:30	2	9			11	17:30	69	52			121	22:00	23:00	69	9			78
5:45	2	18			20	17:45	59	53			112	23:00	00:00	39	10			49
6:00	13	22			35	18:00	73	32			105	STATISTICS						
6:15	7	27			34	18:15	65	12			77		NB	SB	EB	WB	TOTAL	
6:30	11	25			36	18:30	65	18			83	Peak Period	00:00 to 12:00					
6:45	12	41			53	18:45	22	12			34	Volume	544	923			1467	
7:00	23	40			63	19:00	19	8			27	Peak Hour	11:00	8:00			8:00	
7:15	17	42			59	19:15	15	8			23	Peak Volume	112	241			328	
7:30	25	58			83	19:30	16	5			21	Peak Hour Factor	0.700	0.941			0.932	
7:45	23	49			72	19:45	12	2			14	Peak Period	12:00 to 00:00					
8:00	25	63			88	20:00	6	4			10	Volume	1733	930			2663	
8:15	12	64			76	20:15	12	6			18	Peak Hour	17:30	17:00			17:00	
8:30	25	54			79	20:30	18	3			21	Peak Volume	266	205			452	
8:45	25	60			85	20:45	27	3			30	Peak Hour Factor	0.911	0.854			0.934	
9:00	23	52			75	21:00	20	3			23	Peak Period	07:00 to 09:00					
9:15	20	42			62	21:15	23	1			24	Volume	175	430			605	
9:30	13	26			39	21:30	17	3			20	Peak Hour	7:15	8:00			8:00	
9:45	16	11			27	21:45	12	8			20	Peak Volume	90	241			328	
10:00	23	27			50	22:00	17	5			22	Peak Hour Factor	0.900	0.941			0.932	
10:15	19	30			49	22:15	18	1			19	Peak Period	16:00 to 18:00					
10:30	19	28			47	22:30	11	3			14	Volume	483	343			826	
10:45	26	29			55	22:45	23	0			23	Peak Hour	17:00	17:00			17:00	
11:00	22	21			43	23:00	15	2			17	Peak Volume	247	205			452	
11:15	27	15			42	23:15	7	4			11	Peak Hour Factor	0.895	0.854			0.934	
11:30	23	21			44	23:30	9	2			11							
11:45	40	24			64	23:45	8	2			10							
<b>TOTALS</b>	<b>544</b>	<b>923</b>	<b>0</b>	<b>0</b>	<b>1467</b>	<b>TOTALS</b>	<b>1733</b>	<b>930</b>	<b>0</b>	<b>0</b>	<b>2663</b>							
<b>SPLIT %</b>	<b>37%</b>	<b>63%</b>	<b>0%</b>	<b>0%</b>	<b>36%</b>	<b>SPLIT %</b>	<b>65%</b>	<b>35%</b>	<b>0%</b>	<b>0%</b>	<b>64%</b>							



# VOLUME

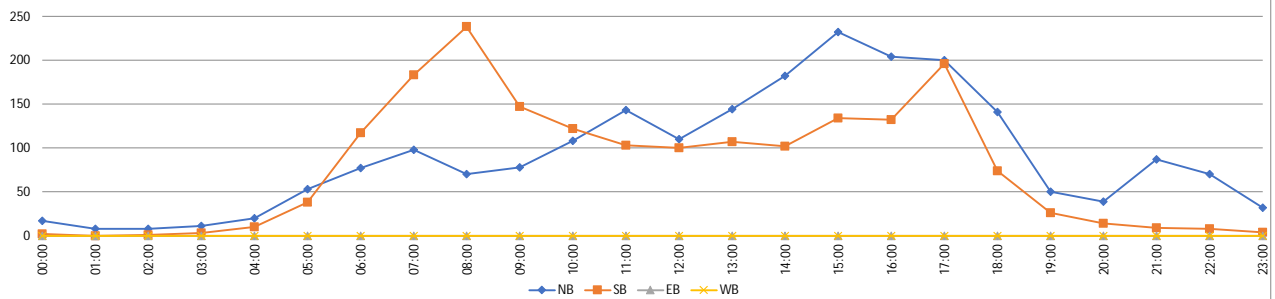
## NW 92nd Ave S/O NW 33rd St

Day: Wednesday  
Date: 11/13/2024

City: Doral  
Project #: FL24\_140343\_005

DAILY TOTALS		NB	SB	EB	WB	Total	DAILY TOTALS
		2,182	1,870	0	0	4,052	

15-Minutes Interval						Hourly Intervals											
TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL
0:00	7	0			7	12:00	25	31			56	00:00	17	2			19
0:15	7	1			8	12:15	28	25			53	01:00	8	0			8
0:30	0	0			0	12:30	26	26			52	02:00	8	1			9
0:45	3	1			4	12:45	31	18			49	03:00	11	3			14
1:00	3	0			3	13:00	24	22			46	04:00	20	10			30
1:15	1	0			1	13:15	36	25			61	05:00	53	38			91
1:30	1	0			1	13:30	36	23			59	06:00	77	117			194
1:45	3	0			3	13:45	48	37			85	07:00	98	183			281
2:00	1	1			2	14:00	46	30			76	08:00	70	238			308
2:15	0	0			0	14:15	49	25			74	09:00	78	147			225
2:30	2	0			2	14:30	58	24			82	10:00	108	122			230
2:45	5	0			5	14:45	29	23			52	11:00	143	103			246
3:00	4	0			4	15:00	54	37			91	12:00	110	100			210
3:15	1	1			2	15:15	47	38			85	13:00	144	107			251
3:30	1	2			3	15:30	76	26			102	14:00	182	102			284
3:45	5	0			5	15:45	55	33			88	15:00	232	134			366
4:00	5	1			6	16:00	51	25			76	16:00	204	132			336
4:15	4	3			7	16:15	49	35			84	17:00	200	196			396
4:30	5	5			10	16:30	49	38			87	18:00	141	74			215
4:45	6	1			7	16:45	55	34			89	19:00	50	26			76
5:00	4	4			8	17:00	63	38			101	20:00	39	14			53
5:15	14	5			19	17:15	49	50			99	21:00	87	9			96
5:30	11	8			19	17:30	43	58			101	22:00	70	8			78
5:45	24	21			45	17:45	45	50			95	23:00	32	4			36
6:00	25	18			43	18:00	44	29			73	<b>STATISTICS</b>					
6:15	28	27			55	18:15	38	23			61						
6:30	11	27			38	18:30	34	16			50	Peak Period	00:00	to	12:00		
6:45	13	45			58	18:45	25	6			31	Volume	691	964		1655	
7:00	23	33			56	19:00	18	7			25	Peak Hour	11:00	7:45		7:45	
7:15	30	37			67	19:15	18	6			24	Peak Volume	143	250		323	
7:30	26	44			70	19:30	3	9			12	Peak Hour Factor	0.872	0.906		0.918	
7:45	19	69			88	19:45	11	4			15	Peak Period	12:00	to	00:00		
8:00	15	67			82	20:00	9	5			14	Volume	1491	906		2397	
8:15	16	65			81	20:15	10	5			15	Peak Hour	15:00	17:00		17:00	
8:30	23	49			72	20:30	2	3			5	Peak Volume	232	196		396	
8:45	16	57			73	20:45	18	1			19	Peak Hour Factor	0.763	0.845		0.980	
9:00	20	53			73	21:00	34	0			34	Peak Period	07:00	to	09:00		
9:15	19	44			63	21:15	20	2			22	Volume	168	421		589	
9:30	12	25			37	21:30	19	2			21	Peak Hour	7:00	7:45		7:45	
9:45	27	25			52	21:45	14	5			19	Peak Volume	98	250		323	
10:00	22	36			58	22:00	25	3			28	Peak Hour Factor	0.817	0.906		0.918	
10:15	27	26			53	22:15	17	0			17	Peak Period	16:00	to	18:00		
10:30	30	28			58	22:30	20	1			21	Volume	404	328		732	
10:45	29	32			61	22:45	8	4			12	Peak Hour	16:15	17:00		17:00	
11:00	41	27			68	23:00	20	3			23	Peak Volume	216	196		396	
11:15	33	22			55	23:15	3	0			3	Peak Hour Factor	0.857	0.845		0.980	
11:30	34	29			63	23:30	6	1			7						
11:45	35	25			60	23:45	3	0			3						
<b>TOTALS</b>	<b>691</b>	<b>964</b>	<b>0</b>	<b>0</b>	<b>1655</b>	<b>TOTALS</b>	<b>1491</b>	<b>906</b>	<b>0</b>	<b>0</b>	<b>2397</b>						
<b>SPLIT %</b>	<b>42%</b>	<b>58%</b>	<b>0%</b>	<b>0%</b>	<b>41%</b>	<b>SPLIT %</b>	<b>62%</b>	<b>38%</b>	<b>0%</b>	<b>0%</b>	<b>59%</b>						



# VOLUME

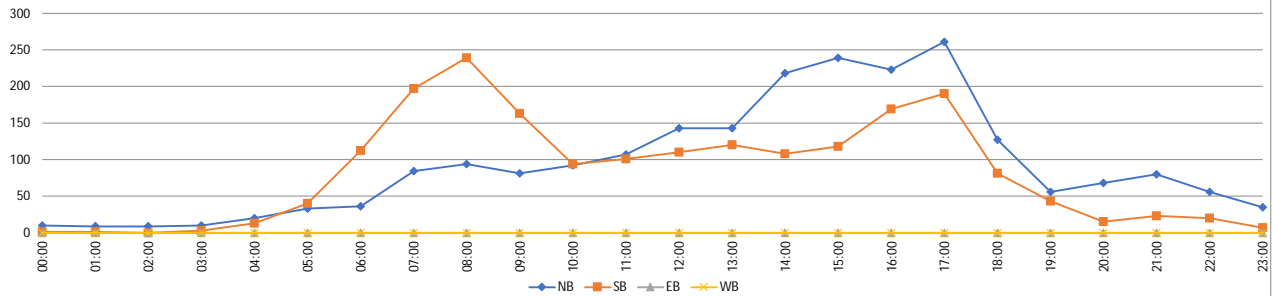
## NW 92nd Ave S/O NW 33rd St

Day: Thursday  
Date: 11/14/2024

City: Doral  
Project #: FL24\_140343\_005

DAILY TOTALS	NB	SB	EB	WB	Total	DAILY TOTALS
	2,234	1,968	0	0	4,202	

15-Minutes Interval						Hourly Intervals											
TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL
0:00	3	0			3	12:00	47	24			71	00:00	10	1			11
0:15	2	1			3	12:15	35	36			71	01:00	9	1			10
0:30	1	0			1	12:30	34	27			61	02:00	9	0			9
0:45	4	0			4	12:45	27	23			50	03:00	10	3			13
1:00	2	0			2	13:00	38	22			60	04:00	20	13			33
1:15	2	0			2	13:15	35	29			64	05:00	33	40			73
1:30	2	0			2	13:30	34	33			67	06:00	36	112			148
1:45	3	1			4	13:45	36	36			72	07:00	84	197			281
2:00	3	0			3	14:00	48	32			80	08:00	94	239			333
2:15	0	0			0	14:15	61	24			85	09:00	81	163			244
2:30	3	0			3	14:30	49	27			76	10:00	92	94			186
2:45	3	0			3	14:45	60	25			85	11:00	107	101			208
3:00	1	0			1	15:00	54	26			80	12:00	143	110			253
3:15	2	1			3	15:15	60	25			85	13:00	143	120			263
3:30	3	2			5	15:30	73	28			101	14:00	218	108			326
3:45	4	0			4	15:45	52	39			91	15:00	239	118			357
4:00	5	3			8	16:00	67	44			111	16:00	223	169			392
4:15	2	4			6	16:15	57	50			107	17:00	261	190			451
4:30	5	3			8	16:30	54	36			90	18:00	127	81			208
4:45	8	3			11	16:45	45	39			84	19:00	56	43			99
5:00	4	6			10	17:00	79	46			125	20:00	68	15			83
5:15	13	6			19	17:15	60	44			104	21:00	80	23			103
5:30	4	12			16	17:30	66	53			119	22:00	56	20			76
5:45	12	16			28	17:45	56	47			103	23:00	35	7			42
6:00	8	19			27	18:00	48	32			80	<b>STATISTICS</b>					
6:15	7	23			30	18:15	34	24			58						
6:30	11	23			34	18:30	22	18			40	Peak Period	00:00 to 12:00				
6:45	10	47			57	18:45	23	7			30	Volume	585	964			1549
7:00	19	50			69	19:00	17	17			34	Peak Hour	11:00	7:45			8:00
7:15	20	31			51	19:15	20	12			32	Peak Volume	107	242			333
7:30	26	59			85	19:30	11	8			19	Peak Hour Factor	0.863	0.960			0.946
7:45	19	57			76	19:45	8	6			14	Peak Period	12:00 to 00:00				
8:00	25	63			88	20:00	9	8			17	Volume	1649	1004			2653
8:15	19	62			81	20:15	8	3			11	Peak Hour	17:00	17:00			17:00
8:30	20	60			80	20:30	27	0			27	Peak Volume	261	190			451
8:45	30	54			84	20:45	24	4			28	Peak Hour Factor	0.826	0.896			0.902
9:00	21	48			69	21:00	28	0			28	Peak Period	07:00 to 09:00				
9:15	18	45			63	21:15	24	6			30	Volume	178	436			614
9:30	20	39			59	21:30	16	8			24	Peak Hour	8:00	7:45			8:00
9:45	22	31			53	21:45	12	9			21	Peak Volume	94	242			333
10:00	26	15			41	22:00	16	9			25	Peak Hour Factor	0.783	0.960			0.946
10:15	17	24			41	22:15	18	5			23	Peak Period	16:00 to 18:00				
10:30	28	24			52	22:30	11	3			14	Volume	484	359			843
10:45	21	31			52	22:45	11	3			14	Peak Hour	17:00	17:00			17:00
11:00	21	21			42	23:00	18	2			20	Peak Volume	261	190			451
11:15	26	28			54	23:15	9	2			11	Peak Hour Factor	0.826	0.896			0.902
11:30	29	27			56	23:30	3	3			6						
11:45	31	25			56	23:45	5	0			5						
<b>TOTALS</b>	<b>585</b>	<b>964</b>	<b>0</b>	<b>0</b>	<b>1549</b>	<b>TOTALS</b>	<b>1649</b>	<b>1004</b>	<b>0</b>	<b>0</b>	<b>2653</b>						
<b>SPLIT %</b>	<b>38%</b>	<b>62%</b>	<b>0%</b>	<b>0%</b>	<b>37%</b>	<b>SPLIT %</b>	<b>62%</b>	<b>38%</b>	<b>0%</b>	<b>0%</b>	<b>63%</b>						



# Peak Season Category Report

2023 PEAK SEASON FACTOR CATEGORY REPORT - REPORT TYPE: ALL  
 CATEGORY: 8700 MIAMI-DADE NORTH

WEEK	DATES	SF	MOCF: 0.99 PSCF
1	01/01/2023 - 01/07/2023	1.00	1.01
2	01/08/2023 - 01/14/2023	1.03	1.04
3	01/15/2023 - 01/21/2023	1.05	1.06
4	01/22/2023 - 01/28/2023	1.04	1.05
5	01/29/2023 - 02/04/2023	1.03	1.04
6	02/05/2023 - 02/11/2023	1.01	1.02
7	02/12/2023 - 02/18/2023	1.00	1.01
8	02/19/2023 - 02/25/2023	1.00	1.01
9	02/26/2023 - 03/04/2023	0.99	1.00
10	03/05/2023 - 03/11/2023	0.99	1.00
11	03/12/2023 - 03/18/2023	0.99	1.00
12	03/19/2023 - 03/25/2023	0.99	1.00
13	03/26/2023 - 04/01/2023	0.99	1.00
14	04/02/2023 - 04/08/2023	0.99	1.00
15	04/09/2023 - 04/15/2023	1.00	1.01
16	04/16/2023 - 04/22/2023	0.99	1.00
17	04/23/2023 - 04/29/2023	0.99	1.00
18	04/30/2023 - 05/06/2023	0.99	1.00
19	05/07/2023 - 05/13/2023	0.99	1.00
20	05/14/2023 - 05/20/2023	0.99	1.00
21	05/21/2023 - 05/27/2023	0.99	1.00
22	05/28/2023 - 06/03/2023	1.00	1.01
23	06/04/2023 - 06/10/2023	1.01	1.02
24	06/11/2023 - 06/17/2023	1.02	1.03
25	06/18/2023 - 06/24/2023	1.02	1.03
26	06/25/2023 - 07/01/2023	1.02	1.03
27	07/02/2023 - 07/08/2023	1.02	1.03
28	07/09/2023 - 07/15/2023	1.02	1.03
29	07/16/2023 - 07/22/2023	1.01	1.02
30	07/23/2023 - 07/29/2023	1.00	1.01
31	07/30/2023 - 08/05/2023	0.99	1.00
*32	08/06/2023 - 08/12/2023	0.98	0.99
*33	08/13/2023 - 08/19/2023	0.98	0.99
*34	08/20/2023 - 08/26/2023	0.98	0.99
*35	08/27/2023 - 09/02/2023	0.99	1.00
*36	09/03/2023 - 09/09/2023	1.00	1.01
*37	09/10/2023 - 09/16/2023	1.01	1.02
*38	09/17/2023 - 09/23/2023	1.00	1.01
*39	09/24/2023 - 09/30/2023	0.99	1.00
*40	10/01/2023 - 10/07/2023	0.99	1.00
*41	10/08/2023 - 10/14/2023	0.98	0.99
*42	10/15/2023 - 10/21/2023	0.98	0.99
*43	10/22/2023 - 10/28/2023	0.98	0.99
*44	10/29/2023 - 11/04/2023	0.99	1.00
45	11/05/2023 - 11/11/2023	0.99	1.00
46	11/12/2023 - 11/18/2023	1.00	1.01
47	11/19/2023 - 11/25/2023	1.00	1.01
48	11/26/2023 - 12/02/2023	1.00	1.01
49	12/03/2023 - 12/09/2023	1.00	1.01
50	12/10/2023 - 12/16/2023	1.00	1.01
51	12/17/2023 - 12/23/2023	1.02	1.03
52	12/24/2023 - 12/30/2023	1.04	1.05
53	12/31/2023 - 12/31/2023	1.05	1.06

\* PEAK SEASON

09-MAR-2024 18:41:41

830UPD

6\_8700\_PKSEASON.TXT

## Signal Timing Data

Miami-Dade, FL



### TOD Schedule Report

4864 - Galloway Rd. & NW 33rd St.

2070 1C-Econolite Type-Cobalt

2/9/2021, 1:48 PM

**Phase Data**

Phase	Direction	Split	Timing Plan	Walk	Ped Clear	Min Green	Max Green	Vehicle Ext	MAX 2	MAX 3	Yellow	Red Clear
1	N - L	18	1	0	0	7	5	2	15	0	4.4	2
			2	0	0	7	7	2	12	0	4.4	2
			3	0	0	7	10	2	7	0	4.4	2
			4	0	0	5	35	5	40	0	3	1
2	S - T	80	1	7	20	7	30	1	0	0	4.4	2
			2	7	20	7	30	1	30	0	4.4	2
			3	7	20	7	30	1	25	0	4.4	2
			4	10	16	5	35	5	40	0	3	1
3	E - L	31	1	0	0	7	9	2.5	45	0	4	2.7
			2	0	0	7	17	2.5	20	0	4	2.7
			3	0	0	7	20	2.5	30	0	4	2.7
			4	0	0	5	35	5	40	0	3	1
4	W - T	31	1	5	20	7	15	2.5	50	0	4	2.7
			2	5	20	7	15	2.5	50	0	4	2.7
			3	5	20	7	15	2.5	25	0	4	2.7
			4	10	16	5	35	5	40	0	3	1
5	S - L	18	1	0	0	7	5	2	15	0	4.4	2
			2	0	0	7	7	2	12	0	4.4	2
			3	0	0	7	10	2	7	0	4.4	2
			4	0	0	5	35	5	40	0	3	1
6	N - T	80	1	7	20	7	30	1	0	0	4.4	2
			2	7	20	7	30	1	30	0	4.4	2
			3	7	20	7	30	1	25	0	4.4	2
			4	10	16	5	35	5	40	0	3	1
7	W - L	28	1	0	0	7	9	2.5	40	0	4	2.7
			2	0	0	7	17	2.5	30	0	4	2.7
			3	0	0	7	20	2.5	30	0	4	2.7
			4	0	0	5	35	5	40	0	3	1
8	E - T	34	1	5	20	7	15	2.5	50	0	4	2.7
			2	5	20	7	15	2.5	50	0	4	2.7
			3	5	20	7	15	2.5	25	0	4	2.7
			4	10	16	5	35	5	40	0	3	1

**Schedule - 1**

Day of Week

SUN	MON	TUE	WED	THU	FRI	SAT
-	X	X	X	X	X	-

**Day Plan - 1 -**

Time of Day	Action Plan	Cycle Length	Offset	Phs Spl 1	Phs Spl 2	Phs Spl 3	Phs Spl 4	Phs Spl 5	Phs Spl 6	Phs Spl 7	Phs Spl 8
00:00:00	62	-	-	-	-	-	-	-	-	-	-
00:30:00	63	-	-	-	-	-	-	-	-	-	-
05:00:00	62	-	-	-	-	-	-	-	-	-	-
05:45:00	8	150	120	19	64	33	34	18	65	22	45
06:30:00	11	180	96	19	89	35	37	19	89	29	43
10:00:00	15	160	100	18	80	31	31	18	80	28	34
15:30:00	7	180	54	19	89	28	44	20	88	38	34
19:30:00	4	150	98	18	71	28	33	18	71	30	31
22:00:00	62	-	-	-	-	-	-	-	-	-	-

**Schedule - 2**

Day of Week

SUN	MON	TUE	WED	THU	FRI	SAT
X	-	-	-	-	-	X

**Day Plan - 2 -**

Time of Day	Action Plan	Cycle Length	Offset	Phs Spl 1	Phs Spl 2	Phs Spl 3	Phs Spl 4	Phs Spl 5	Phs Spl 6	Phs Spl 7	Phs Spl 8
00:00:00	62	-	-	-	-	-	-	-	-	-	-
02:00:00	63	-	-	-	-	-	-	-	-	-	-
06:00:00	19	110	26	14	42	23	31	14	42	21	33
07:30:00	20	130	64	14	58	27	31	14	58	26	32
11:00:00	21	150	110	15	82	22	31	15	82	22	31
16:30:00	22	130	110	14	63	22	31	15	62	22	31
20:30:00	62	-	-	-	-	-	-	-	-	-	-

**Action Plan**

Name	Pattern	Enabled Logic Processor Statements
62	Free	N/A
63	Flash	N/A
62	Free	N/A
8	8	N/A
11	11	N/A
15	15	N/A
7	7	N/A
4	4	N/A
62	Free	N/A



Miami-Dade, FL



4864 - Galloway Rd. & NW 33rd St. - 2070 1C - Econolite Type - Cobalt

Controller Timing Plan (MM) 2-1

Plan 1 - "PB 1"

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Direction	N-L	S-T	E-L	W-T	S-L	N-T	W-L	E-T	N	N	N	N	N	N	N	N
Min Green	7	7	7	7	7	7	7	7	0	0	0	0	0	0	0	0
Bk Min Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CS Min Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Delay Green	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Walk	0	7	0	5	0	7	0	5	0	0	0	0	0	0	0	0
Walk2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Walk Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Clear	0	20	0	20	0	20	0	20	0	0	0	0	0	0	0	0
Ped Clear 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped Clear Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ped CO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vehicle Ext	2.0	1.0	2.5	2.5	2.0	1.0	2.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vehicle Ext 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max1	5	30	9	15	5	30	9	15	0	0	0	0	0	0	0	0
Max2	15	0	45	50	15	0	40	50	0	0	0	0	0	0	0	0
Max3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DYM Max	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dym Step	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow	4.4	4.4	4.0	4.0	4.4	4.4	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Clear	2.0	2.0	2.7	2.7	2.0	2.0	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red Revert	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Act B4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sec/Act	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Int	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Time B4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cars Wt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STPTDuc	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TTReduc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min Gap	2.0	1.0	2.5	2.5	2.0	1.0	2.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**Coordinator Pattern # 4**

Split Pattern 4 TS2 (Pat-Off) 1-1 Splits In Seconds  
 Cycle 150 Std (COS) 33 Offsets In Seconds  
 Offset Value 98s Dwell/Add Time 0  
 Actuated Coord No Timing Plan 1  
 Actuated Walk Rest No Sequence 1  
 Phase Reservice No Action Plan 4  
 Max Select None Force Off None

**Split Preference Phases**

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Description	N-L	S-T	E-L	W-T	S-L	N-T	W-L	E-T	N	N	N	N	N	N	N	N
Splits (Split Pat 4)	18	71	28	33	18	71	30	31	0	0	0	0	0	0	0	0
Pref 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pref 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Ring	1	2	3	4
Ring Split Ext	0	0	0	0
Ring Displacement	-	0	0	0
Split Sum	150s	150s	0s	0s

Misc. Data  
 Veh Perm 1 0 Veh Perm 2 0 Veh Perm 2 Disp 0  
 Split Demand 0 Split Demand 0 Crossing Arterial 0  
 Pat 1 Pat 2 Pat

**Split Pattern**

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Coord Phase		X				X										
Vehicle Recall																
Pedestrian Recall																
Recall to Max. Time																
Omit Phase									X	X	X	X	X	X	X	X
Special Function Outputs																

**Coordinator Pattern # 7**

Split Pattern 7 TS2 (Pat-Off) 2-1 Splits In Seconds  
 Cycle 180 Std (COS) 81 Offsets In Seconds  
 Offset Value 54s Dwell/Add Time 0  
 Actuated Coord No **Timing Plan 1**  
 Actuated Walk Rest No Sequence 1  
 Phase Reservice No Action Plan 7  
 Max Select None Force Off None

**Split Preference Phases**

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Description	N-L	S-T	E-L	W-T	S-L	N-T	W-L	E-T	N	N	N	N	N	N	N	N
Splits (Split Pat 7)	19	89	28	44	20	88	38	34	0	0	0	0	0	0	0	0
Pref 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pref 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Ring	1	2	3	4
Ring Split Ext	0	0	0	0
Ring Displacement	-	0	0	0
Split Sum	180s	180s	0s	0s

Misc. Data  
 Veh Perm 1 0 Veh Perm 2 0 Veh Perm 2 Disp 0  
 Split Demand 0 Split Demand 0 Crossing Arterial 0  
 Pat 1 Pat 2 Pat

**Split Pattern**

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Coord Phase		X				X										
Vehicle Recall																
Pedestrian Recall																
Recall to Max. Time																
Omit Phase									X	X	X	X	X	X	X	X
Special Function Outputs																

**Action Plan - 4 - "4"**

Pattern 4 Override Sys No  
 Timing Plan 1 Sequence 1  
 Veh Detector Plan 0 Det Log None  
 Flash No Red Rest No  
 Veh Det Diag 0 Ped Det Diag 0  
 Plan Plan  
 Dimming Enable No Pmt Veh Priority No  
 Ret Ret  
 Pmt Ped Priority No Pmt Queue Delay No  
 Ret  
 Pmt Cond Delay No

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Ped Recall																
Walk 2																
Veh Ext 2																
Veh Recall																
Max Recall																
Max 2																
Max 3																
CS Inhibit																
Omit																

Spec Func (1-8)																
-----------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Aux Func (1-3)																
----------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
LP 1-15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 16-30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 31-45	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 46-60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 61-75	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 76-90	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 91-100	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

**Action Plan - 7 - "7"**

Pattern 7 Override Sys No  
**Timing Plan 1** Sequence 1  
 Veh Detector Plan 0 Det Log None  
 Flash No Red Rest No  
 Veh Det Diag 0 Ped Det Diag 0  
 Plan Plan  
 Dimming Enable No Pmt Veh Priority No  
 Ret Ret  
 Pmt Ped Priority No Pmt Queue Delay No  
 Ret  
 Pmt Cond Delay No

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Ped Recall																
Walk 2																
Veh Ext 2																
Veh Recall																
Max Recall																
Max 2																
Max 3																
CS Inhibit																
Omit																

Spec Func (1-8)																
-----------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Aux Func (1-3)																
----------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
LP 1-15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 16-30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 31-45	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 46-60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 61-75	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 76-90	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LP 91-100	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Miami-Dade, FL



4864 - Galloway Rd. &amp; NW 33rd St. - 2070 1C - Econolite Type - Cobalt

**Time Base Day Plan/Schedule**  
**Day Plan (MM) 5-3**

**Day Plan #1 - "Weekdays"**

Event	Action Plan	Start Time
1	62	00:00
2	63	00:30
3	62	05:00
4	8	05:45
5	11	06:30
6	15	10:00
7	7	15:30
9	4	19:30
10	62	22:00

**Day Plan #2 - "Weekends"**

Event	Action Plan	Start Time
1	62	00:00
2	63	02:00
3	19	06:00
4	20	07:30
5	21	11:00
6	22	16:30
7	62	20:30

# SIGNAL OPERATING PLAN



Direction	NB	SB	EB	WB	Ped Heads					
Timing Phases	Head No.	1/6 6	5/2 2	3 8	7/4 4	P6 P2 P8 P4	Movements/Display/Actuation			
GALLOWAY RD	(1+5)	Dwell	<G/R R	<G/R R	<R R	R R	DW DW DW DW			
	(Actuated)	Clear	(1+6)	<G/R R	<Y/R R	<R R	R R		DW DW DW DW	
			(2+5)	<Y/R R	<G/R R	<R R	R R		DW DW DW DW	
			(2+6)	<Y/R R	<Y/R R	<R R	R R		DW DW DW DW	
	(1+6)	(Actuated)	Clear	Dwell	<G/G G	R R	<R R	R R	W/F DW DW DW	
				(2+6)	<Y/G G	R R	<R R	R R	DW DW DW DW	
	(2+5)	(Actuated)	Clear	Dwell	R R	<G/G G	<R R	R R	DW W/F DW DW	
				(2+6)	R R	<Y/G G	<R R	R R	DW DW DW DW	
	(2+6)	(Recall)	Clear	Dwell	G G	G G	<R R	R R	W/F W/F DW DW	
				(3+7)	Y Y	Y Y	<R R	R R	DW DW DW DW	
(3+8)				Y Y	Y Y	<R R	R R	DW DW DW DW		
(4+7)				Y Y	Y Y	<R R	R R	DW DW DW DW		
(4+8)				Y Y	Y Y	<R R	R R	DW DW DW DW		
(3+7)	(Actuated)	Clear	Dwell	R R	R R	<G R	<G/R R	DW DW DW DW		
			(3+8)	R R	R R	<G R	<Y/R R	DW DW DW DW		
			(4+7)	R R	R R	<Y R	<G/R R	DW DW DW DW		
			(4+8)	R R	R R	<Y R	<Y/R R	DW DW DW DW		
			(1+5)	R R	R R	<Y R	<Y/R R	DW DW DW DW		
			(1+6)	R R	R R	<Y R	<Y/R R	DW DW DW DW		
			(2+5)	R R	R R	<Y R	<Y/R R	DW DW DW DW		
			(2+6)	R R	R R	<Y R	<Y/R R	DW DW DW DW		
(3+8)	(Actuated)	Clear	Dwell	R R	R R	<G G	R R	DW DW W/F DW		
			(4+8)	R R	R R	<Y G	R R	DW DW DW DW		
			(1+5)	R R	R R	<Y Y	R R	DW DW DW DW		
			(1+6)	R R	R R	<Y Y	R R	DW DW DW DW		
			(2+5)	R R	R R	<Y Y	R R	DW DW DW DW		
			(2+6)	R R	R R	<Y Y	R R	DW DW DW DW		
(4+7)	(Actuated)	Clear	Dwell	R R	R R	<R R	<G/G G	DW DW DW W/F		
			(4+8)	R R	R R	<R R	<Y/G G	DW DW DW DW		
			(1+5)	R R	R R	<R R	<Y/Y Y	DW DW DW DW		
			(1+6)	R R	R R	<R R	<Y/Y Y	DW DW DW DW		
			(2+5)	R R	R R	<R R	<Y/Y Y	DW DW DW DW		
			(2+6)	R R	R R	<R R	<Y/Y Y	DW DW DW DW		
(4+8)	(Actuated)	Clear	Dwell	R R	R R	<R G	G G	DW DW W/F W/F		
			(1+5)	R R	R R	<R Y	Y Y	DW DW DW DW		
			(1+6)	R R	R R	<R Y	Y Y	DW DW DW DW		
			(2+5)	R R	R R	<R Y	Y Y	DW DW DW DW		
			(2+6)	R R	R R	<R Y	Y Y	DW DW DW DW		

Flashing Operation		FY FY	FY FY	F<R FR	FR FR	Page 1 of 1	
<b>Miami-Dade County Public Works Department</b>							
Drawn Radames Iribar <i>RI</i>	Date 6/27/19 4/25/2019	<b>GALLOWAY RD &amp; NW 33 ST</b>					
Checked <i>E. Lopez</i>	Date 6/27/19	Placed in Service		Phasing No.		Asset Number	
				5		4864	

Proposed signal at intersection of NW 92nd Avenue and NW 33rd Street

# City of Doral

## NW 33rd St and NW 92nd Ave

### Miami-Dade County, Florida

## SIGNALIZATION PLANS



DEVELOPED FOR:  
CITY OF DORAL



Mayor Christi Fraga  
Vice Mayor Oscar Puig-Corve  
Councilman Rafael Pineyro  
Councilwoman Maureen Porras  
Councilwoman Digna Cabral

PROJECT NO. 215618526  
100% SUBMITTAL  
09-24-2024

SIGNALIZATION PLANS  
ENGINEER OF RECORD:  
THOMAS K. STRICKLAND, P.E.  
P.E. NO.: 78742  
STANTEC CONSULTING SERVICES, INC.  
901 PONCE DE LEON BLVD., SUITE 900  
CORAL GABLES, FL 33134  
(770) 492-2650



PROJECT LOCATION  
LOCATION MAP  
0 100 500  
Feet

Index of Signalization Plans	
Sheet No.	Sheet Description
T-1	COVER SHEET
T-2	SIGNATURE STREET
T-3	TABULATION OF QUANTITIES
T-4	GENERAL NOTES
T-5	DEMOLITION PLAN
T-6	GEOMETRY AND GRADING PLAN
T-7 - T-9	SIGNALIZATION PLANS
T-10 - T-11	GUIDE SIGN WORKSHEETS
T-12	STANDARD MAST ARM TABULATION
T-13 - T-14	PEDESTAL TRAFFIC SIGNAL DETAILS
T-15	CONTROLLER CABINET INSTALLATION DETAIL
T-16	ELECTRICAL POWER/SERVICE DETAIL-EXHIBIT06

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*****APPROVALS*****			
AGENCY	SUBMITTAL DATE	APPROVAL DATE	PERMIT NUMBER

STATEMENT OF COMPLIANCE:  
THIS PROJECT COMPLIES WITH ALL APPLICABLE PROVISIONS OF THE AMERICANS WITH DISABILITIES ACT ("ADA"), REGARDING NONDISCRIMINATION ON THE BASIS OF DISABILITY.

ENGINEER'S CERTIFICATION:  
THIS PLAN WAS PREPARED UNDER MY DIRECTION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF COMPLIES WITH THE INTENT OF THE CURRENT EDITIONS OF THE FOLLOWING: MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (STANDARD SPECIFICATIONS), FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS (STANDARD INDEXES), MIAMI-DADE COUNTY MINIMUM STANDARDS, MIAMI-DADE COUNTY TRAFFIC ENGINEERING DIVISION STANDARDS AND SPECIFICATIONS, AND MIAMI-DADE COUNTY APPROVED SIGNALIZATION EQUIPMENT LIST.

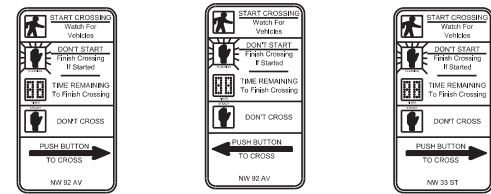
901 Ponce de Leon Blvd. Suite 900  
Coral Gables, Florida 33134  
Tel. 305-445-2900  
Fax. 305-445-3344  
www.stantec.com

KEY SHEET

T-1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

**SIGN DETAILS**



**(A)** R10-3i (MODIFIED) 9"X15" 1 EA  
**(B)** R10-3i (MODIFIED) 9"X15" 1 EA  
**(C)** R10-3i (MODIFIED) 9"X15" 2 EA



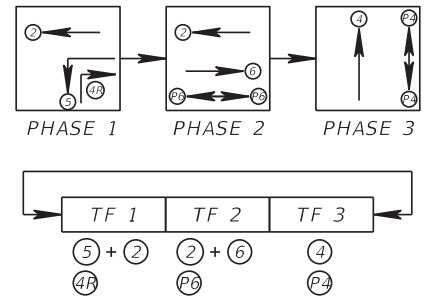
**(Z)** R3-4 36"X36" 700-3-201 2 EA

**NW 92 AV**

**(X)** 72"X24" 700-5-22 2 EA

INTERNALLY ILLUMINATED SIGN BLUE AS PER INTERLOCAL AGREEMENT WITH MDC

**STANDARD S.O.P. 12**

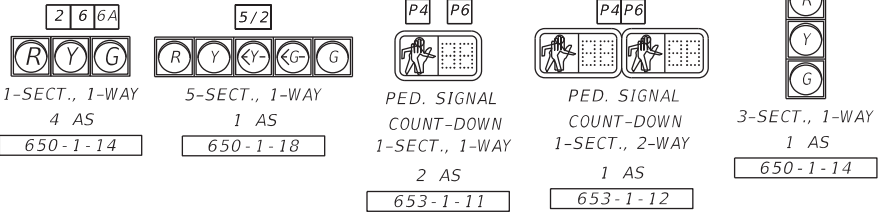


**CONTROLLER OPERATIONS**

- MAJOR STREET IS NW 33RD STREET. MINOR STREET IS NW 92ND AVENUE.
- FLASHING OPERATION: MOVEMENTS NO. 2, 5, AND 6 YELLOW; MOVEMENT NO. 4 RED.
- PHASES 1 & 3 ACTUATED. PHASE 2 RECALL.
- LEFT TURN MOVEMENT 5 IS PROTECTED / PERMISSIVE.
- PHASE 2 IS COORDINATED PHASE.
- PROPOSED SIGNAL CABINET IS MD-660X. PROPOSED CONTROLLER IS 2070.
- PEDESTRIAN SIGNALS TO CROSS NW 33RD STREET & NW 92ND AVENUE UPON ACTUATION.

VIDEO DETECTOR	OPERATION	CONNECTED TO MOVEMENTS #	DETECTION ZONE
V1	PRESENCE	4	4A
V1	PRESENCE	4	4B
V2	PRESENCE	2	2A
V2	PRESENCE	2	2B
V2	PRESENCE	5	5A
V3	PRESENCE	6	6A
V3	PRESENCE	6	6B

**SIGNAL HEAD DETAILS**



**NW 92 AV** SP-1A 11"X32" 1 EA  
**NW 33 ST** SP-1B 11"X32" 1 EA

CITY OF DORAL ARCHITECTURAL STREET NAME SIGN DOUBLE FACED & BLUE AS PER INTERLOCAL AGREEMENT WITH MDC

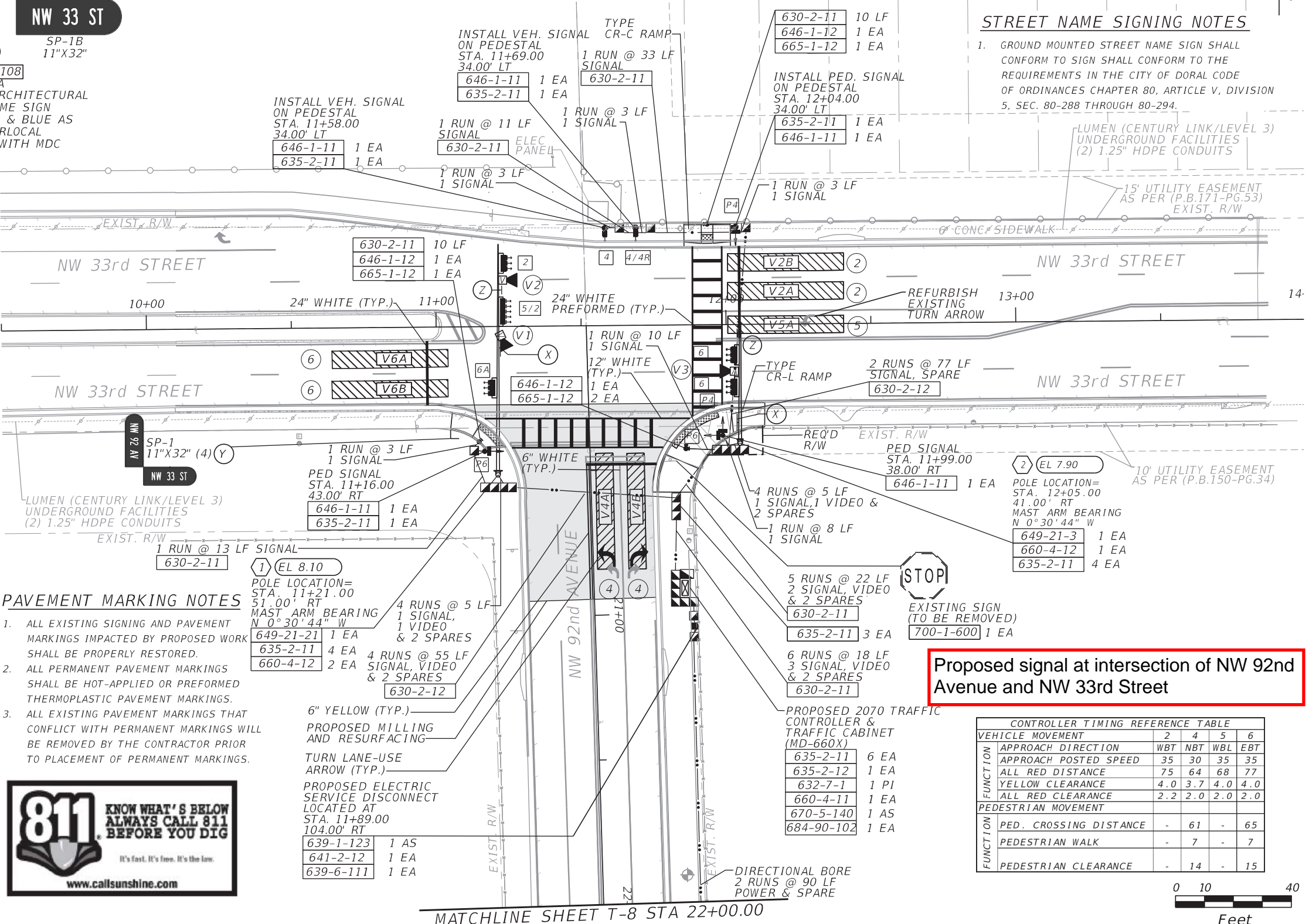
**PAVEMENT MARKING NOTES**

- ALL EXISTING SIGNING AND PAVEMENT MARKINGS IMPACTED BY PROPOSED WORK SHALL BE PROPERLY RESTORED.
- ALL PERMANENT PAVEMENT MARKINGS SHALL BE HOT-APPLIED OR PREFORMED THERMOPLASTIC PAVEMENT MARKINGS.
- ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PERMANENT MARKINGS WILL BE REMOVED BY THE CONTRACTOR PRIOR TO PLACEMENT OF PERMANENT MARKINGS.



**STREET NAME SIGNING NOTES**

- GROUND MOUNTED STREET NAME SIGN SHALL CONFORM TO SIGN SHALL CONFORM TO THE REQUIREMENTS IN THE CITY OF DORAL CODE OF ORDINANCES CHAPTER 80, ARTICLE V, DIVISION 5, SEC. 80-288 THROUGH 80-294.



**Proposed signal at intersection of NW 92nd Avenue and NW 33rd Street**

VEHICLE MOVEMENT	2	4	5	6
APPROACH DIRECTION	WBT	NBT	WBL	EBT
APPROACH POSTED SPEED	35	30	35	35
ALL RED DISTANCE	75	64	68	77
YELLOW CLEARANCE	4.0	3.7	4.0	4.0
ALL RED CLEARANCE	2.2	2.0	2.0	2.0
PEDESTRIAN MOVEMENT				
PEDE. CROSSING DISTANCE	-	61	-	65
PEDESTRIAN WALK	-	7	-	7
PEDESTRIAN CLEARANCE	-	14	-	15



REVISIONS				THOMAS K. STRICKLAND, P.E. P.E. LICENSE NUMBER 78742 STANTEC CONSULTING SERVICES, INC. 901 PONCE DE LEON BLVD., SUITE 900 CORAL GABLES, FLORIDA 33134 P: (305)-445-2900	CITY OF DORAL			SIGNALIZATION PLAN NW 33RD STREET @ NW 92ND AVENUE	SHEET NO. T-7
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	ASSET ID		
					NW 33 ST	MIAMI-DADE	8389		

Appendix D  
Growth Rate Calculations



# FDOT Historical Growth Trends

**FDOT Growth Rate Summary**

Station Number	Location	Historical Growth- Linear				Historical Growth- Exponential				Historical Growth- Decaying Exponential			
		5-year	R-squared	10-year	R-squared	5-year	R-squared	10-year	R-squared	5-year	R-squared	10-year	R-squared
7025	NW 25th Street -- 100 feet west of NW 94th Avenue	-0.41%	5.67%	1.94%	48.09%	-0.41%	5.80%	1.83%	48.36%	-0.54%	15.22%	1.92%	46.41%
7051	SR & CR 973 -- 200 feet south of NW 33rd Street	0.39%	1.76%	0.12%	0.57%	0.32%	1.39%	0.11%	0.58%	-0.06%	0.10%	0.20%	1.54%
8359	NW 36th Street -- 200 feet west of NW 87th Avenue	-2.27%	80.00%	-0.66%	33.89%	-2.35%	79.68%	-0.67%	34.58%	-2.45%	88.95%	-0.46%	14.85%
<b>Total</b>		<b>-0.76%</b>	<b>29.14%</b>	<b>0.47%</b>	<b>27.52%</b>	<b>-0.81%</b>	<b>28.96%</b>	<b>0.42%</b>	<b>27.84%</b>	<b>-1.02%</b>	<b>34.76%</b>	<b>0.55%</b>	<b>20.93%</b>

FLORIDA DEPARTMENT OF TRANSPORTATION  
TRANSPORTATION STATISTICS OFFICE  
2023 HISTORICAL AADT REPORT

COUNTY: 87 - MIAMI-DADE

SITE: 7025 - NW 25TH ST 100 FT. WEST OF NW 94TH AVE

YEAR	AADT		DIRECTION 1		DIRECTION 2	*K FACTOR	D FACTOR	T FACTOR
2023	37500	C	E 18500		W 19000	9.00	63.10	9.20
2022	35500	F	E 18500		W 17000	9.00	56.50	7.50
2021	34500	C	E 18000		W 16500	9.00	55.00	7.50
2020	33500	F	E 16500		W 17000	9.00	56.00	7.90
2019	37500	C	E 18500		W 19000	9.00	56.00	7.90
2018	33500	F	E 17000		W 16500	9.00	54.30	7.50
2017	37500	C	E 19000		W 18500	9.00	55.70	7.50
2016	30500	F	E 15500		W 15000	9.00	56.10	15.80
2015	31000	C	E 16000		W 15000	9.00	57.40	15.80
2014	33000	F	E 16500		W 16500	9.00	59.30	15.20
2013	33000	C	E 16500		W 16500	9.00	58.90	15.20
2012	37500	F	E 19500		W 18000	9.00	59.70	13.10
2011	37500	C	E 19500		W 18000	9.00	58.20	14.10
2010	41000	F	E 20000		W 21000	7.87	58.27	14.30
2009	41000	C	E 20000		W 21000	7.98	59.96	15.60

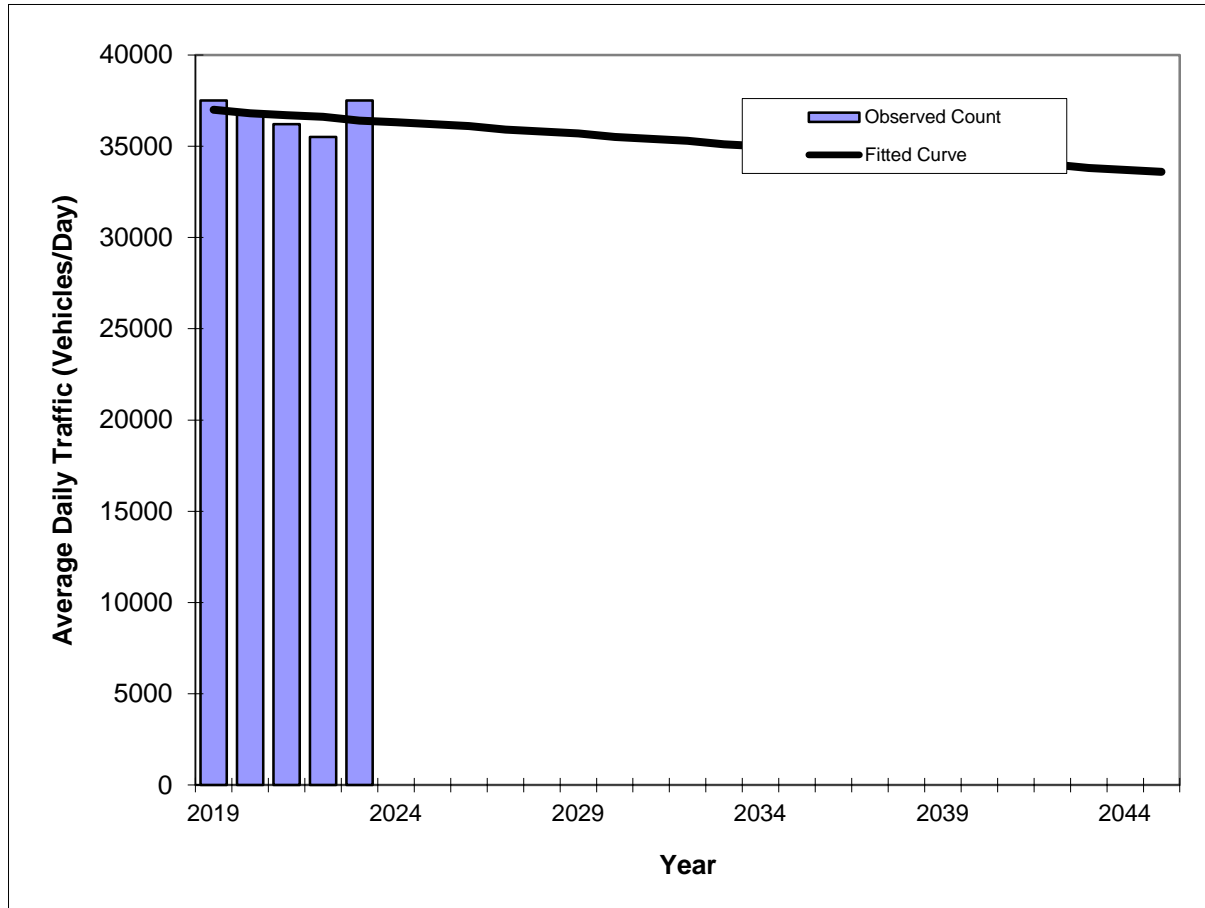
AADT FLAGS: C = COMPUTED; E = MANUAL ESTIMATE; F = FIRST YEAR ESTIMATE  
S = SECOND YEAR ESTIMATE; T = THIRD YEAR ESTIMATE; R = FOURTH YEAR ESTIMATE  
V = FIFTH YEAR ESTIMATE; 6 = SIXTH YEAR ESTIMATE; X = UNKNOWN

\*K FACTOR: STARTING WITH YEAR 2011 IS STANDARDK, PRIOR YEARS ARE K30 VALUES

## Traffic Trends

**NW 25TH ST -- 100 feet west of NW 94th Avenue**

<b>County:</b>	Miami-Dade (87)
<b>Station #:</b>	7025
<b>Highway:</b>	NW 25TH ST



Year	Traffic (ADT/AADT)	
	Count*	Trend**
2019	37500	37000
2020	36800	36800
2021	36200	36700
2022	35500	36600
2023	37500	36400

Trend R-squared:	5.67%
Trend Annual Historic Growth Rate:	-0.41%
Printed:	15-Aug-24

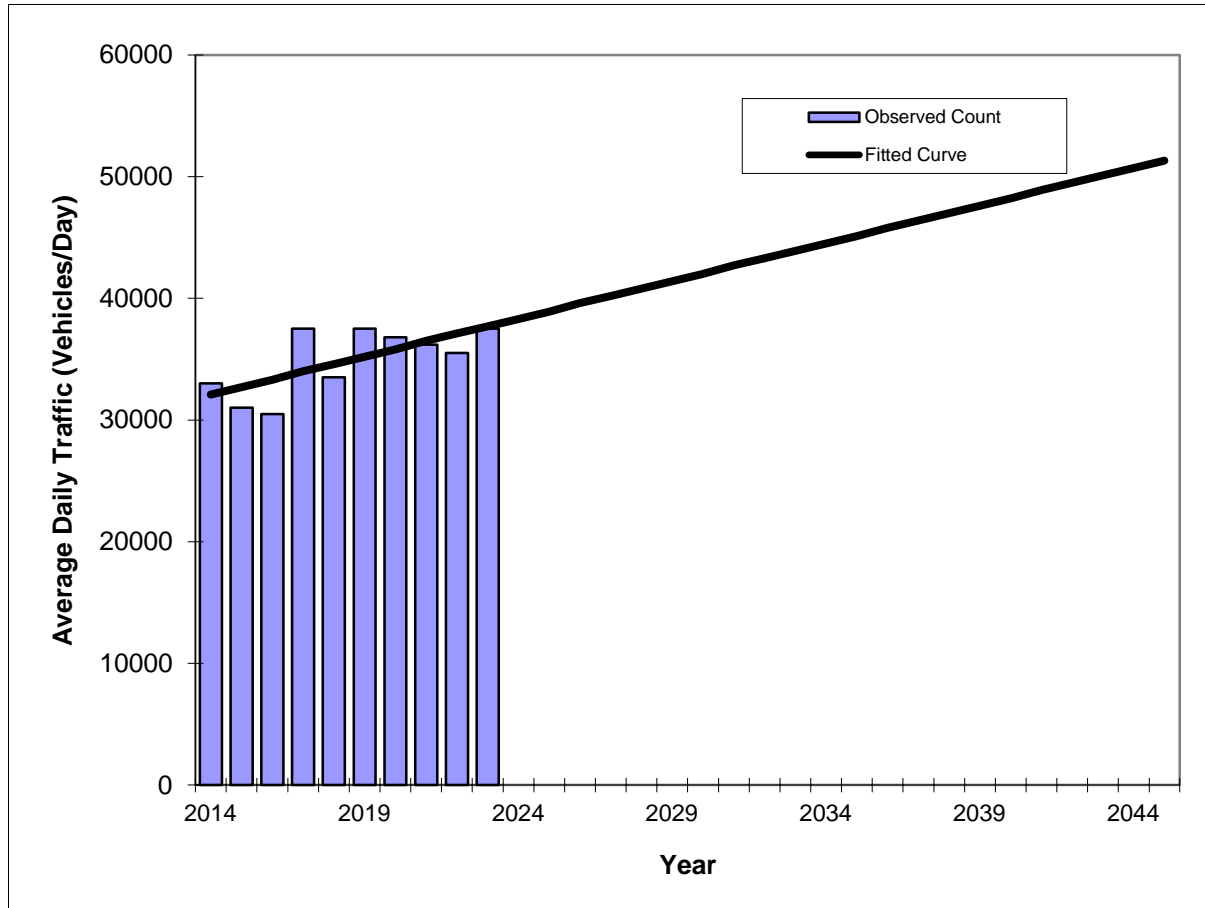
**Straight Line Growth Option**

\*Axle-Adjusted

# Traffic Trends

NW 25TH ST -- 100 feet west of NW 94th Avenue

<b>County:</b>	Miami-Dade (87)
<b>Station #:</b>	7025
<b>Highway:</b>	NW 25TH ST



Year	Traffic (ADT/AADT)	
	Count*	Trend**
2014	33000	32100
2015	31000	32700
2016	30500	33300
2017	37500	34000
2018	33500	34600
2019	37500	35200
2020	36800	35800
2021	36200	36500
2022	35500	37100
2023	37500	37700

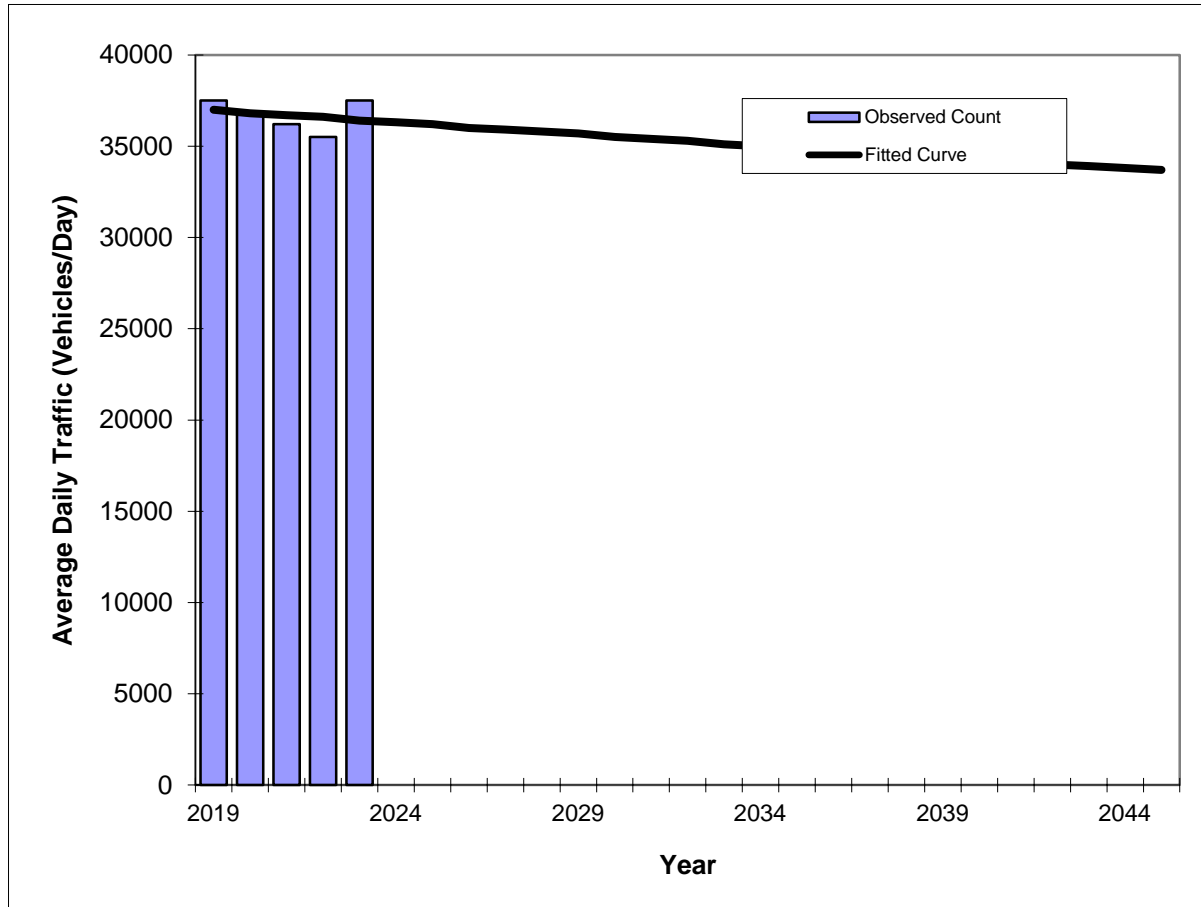
Trend R-squared: 48.09%  
 Trend Annual Historic Growth Rate: 1.94%  
 Printed: 15-Aug-24  
**Straight Line Growth Option**

\*Axle-Adjusted

## Traffic Trends

**NW 25TH ST -- 100 feet west of NW 94th Avenue**

<b>County:</b>	Miami-Dade (87)
<b>Station #:</b>	7025
<b>Highway:</b>	NW 25TH ST



Year	Traffic (ADT/AADT)	
	Count*	Trend**
2019	37500	37000
2020	36800	36800
2021	36200	36700
2022	35500	36600
2023	37500	36400

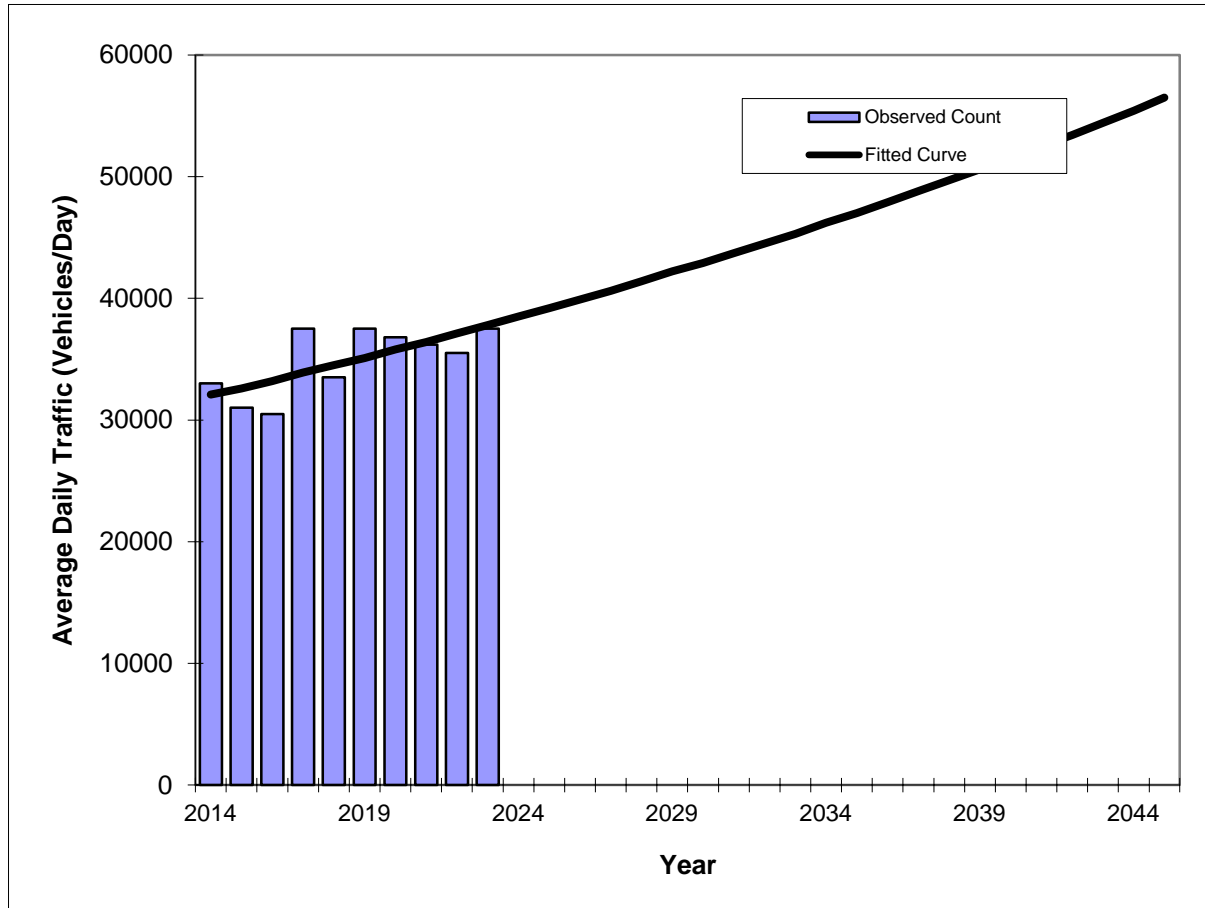
Trend R-squared:	5.80%
Compounded Annual Historic Growth Rate:	-0.41%
Printed:	15-Aug-24
<b>Exponential Growth Option</b>	

\*Axle-Adjusted

# Traffic Trends

NW 25TH ST -- 100 feet west of NW 94th Avenue

<b>County:</b>	Miami-Dade (87)
<b>Station #:</b>	7025
<b>Highway:</b>	NW 25TH ST



Year	Traffic (ADT/AADT)	
	Count*	Trend**
2014	33000	32100
2015	31000	32600
2016	30500	33200
2017	37500	33900
2018	33500	34500
2019	37500	35100
2020	36800	35800
2021	36200	36400
2022	35500	37100
2023	37500	37800

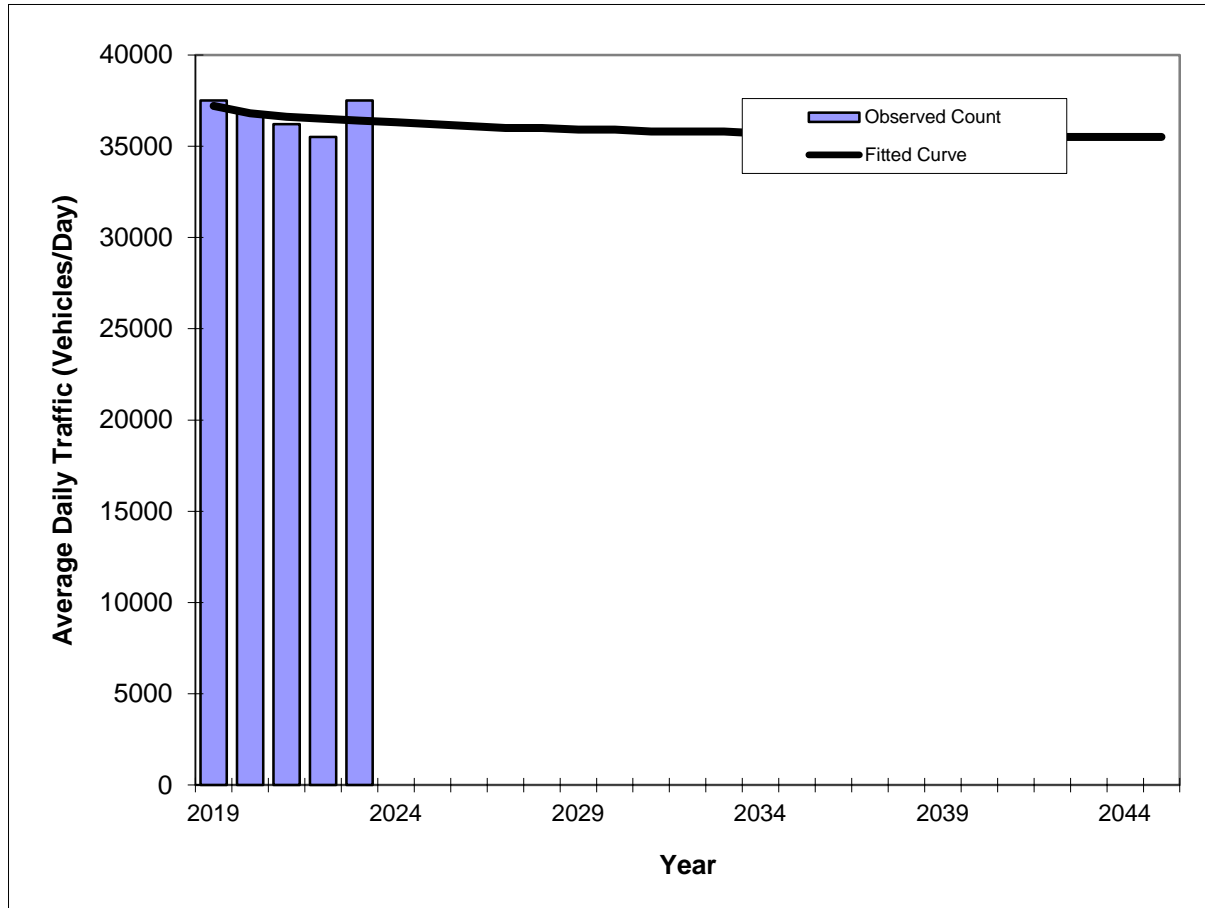
Trend R-squared: 48.36%  
 Compounded Annual Historic Growth Rate: 1.83%  
 Printed: 15-Aug-24  
**Exponential Growth Option**

\*Axle-Adjusted

## Traffic Trends

**NW 25TH ST -- 100 feet west of NW 94th Avenue**

<b>County:</b>	Miami-Dade (87)
<b>Station #:</b>	7025
<b>Highway:</b>	NW 25TH ST



Year	Traffic (ADT/AADT)	
	Count*	Trend**
2019	37500	37200
2020	36800	36800
2021	36200	36600
2022	35500	36500
2023	37500	36400

Trend R-squared:	15.22%
Compounded Annual Historic Growth Rate:	-0.54%
Printed:	15-Aug-24
<b>Decaying Exponential Growth Option</b>	

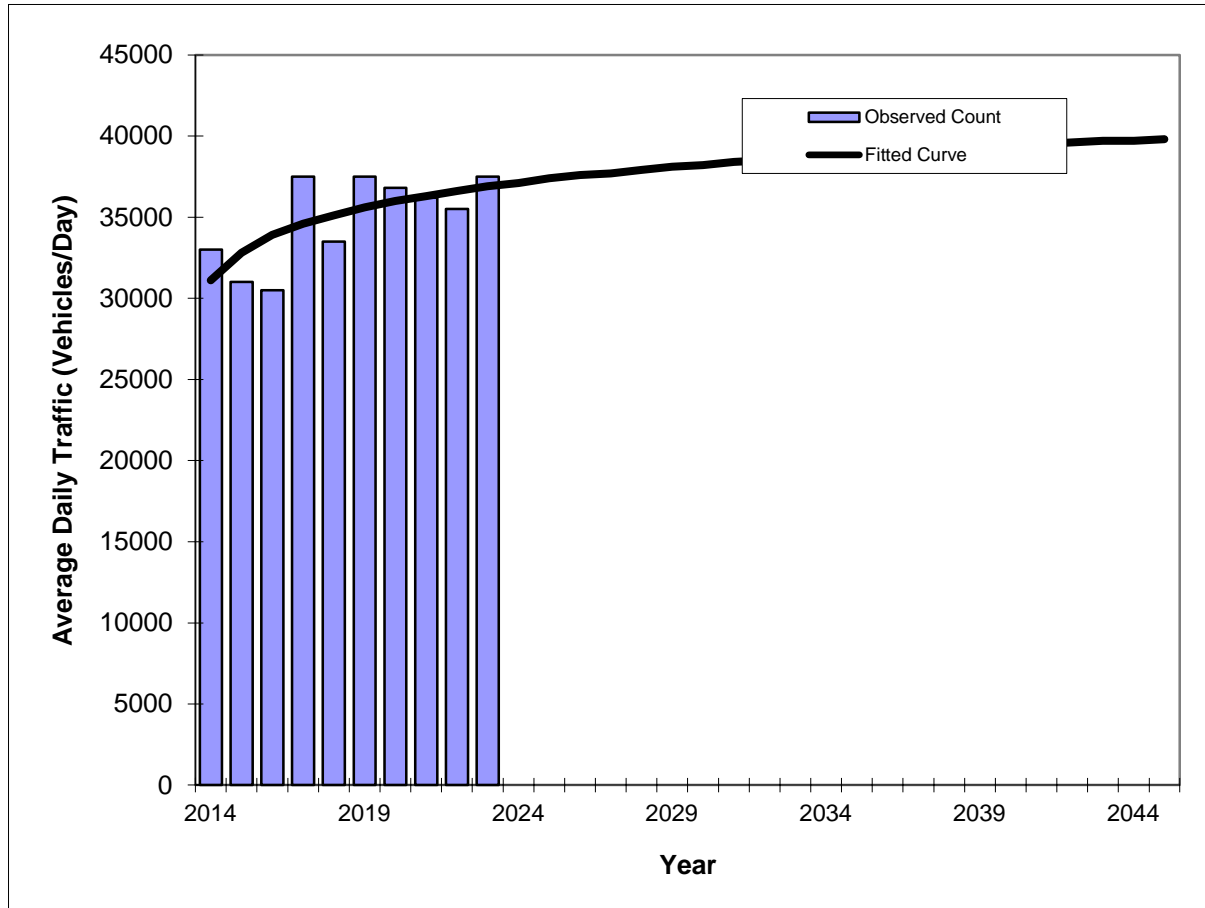
\*Axle-Adjusted



# Traffic Trends

NW 25TH ST -- 100 feet west of NW 94th Avenue

County:	Miami-Dade (87)
Station #:	7025
Highway:	NW 25TH ST



Year	Traffic (ADT/AADT)	
	Count*	Trend**
2014	33000	31100
2015	31000	32800
2016	30500	33900
2017	37500	34600
2018	33500	35100
2019	37500	35600
2020	36800	36000
2021	36200	36300
2022	35500	36600
2023	37500	36900

Trend R-squared: 46.41%  
 Compounded Annual Historic Growth Rate: 1.92%  
 Printed: 15-Aug-24  
**Decaying Exponential Growth Option**

\*Axle-Adjusted

FLORIDA DEPARTMENT OF TRANSPORTATION  
 TRANSPORTATION STATISTICS OFFICE  
 2023 HISTORICAL AADT REPORT

COUNTY: 87 - MIAMI-DADE

SITE: 7051 - SR & CR 973 200 FEET SOUTH OF NW 33RD ST

YEAR	AADT		DIRECTION 1		DIRECTION 2	*K FACTOR	D FACTOR	T FACTOR
2023	41000	C	N 21000		S 20000	9.00	63.10	4.90
2022	37000	F	N 18500		S 18500	9.00	56.50	4.40
2021	36000	C	N 18000		S 18000	9.00	55.00	4.40
2020	35500	F	N 18500		S 17000	9.00	56.00	5.10
2019	39500	C	N 20500		S 19000	9.00	56.00	5.10
2018	36000	S	N 19500		S 16500	9.00	54.30	6.10
2017	40500	F	N 22000		S 18500	9.00	54.00	6.10
2016	41500	C	N 22500		S 19000	9.00	56.10	6.10
2015	37500	F	N 18000		S 19500	9.00	57.40	13.50
2014	37500	C	N 18000		S 19500	9.00	59.30	13.50
2013	38500	F	N 20000		S 18500	9.00	58.90	6.50
2012	38500	C	N 20000		S 18500	9.00	59.70	6.50
2011	37000	F	N 19000		S 18000	9.00	58.20	6.00
2010	37000	C	N 19000		S 18000	7.87	58.27	5.10
2009	37500	C	N 19000		S 18500	7.98	59.96	4.70

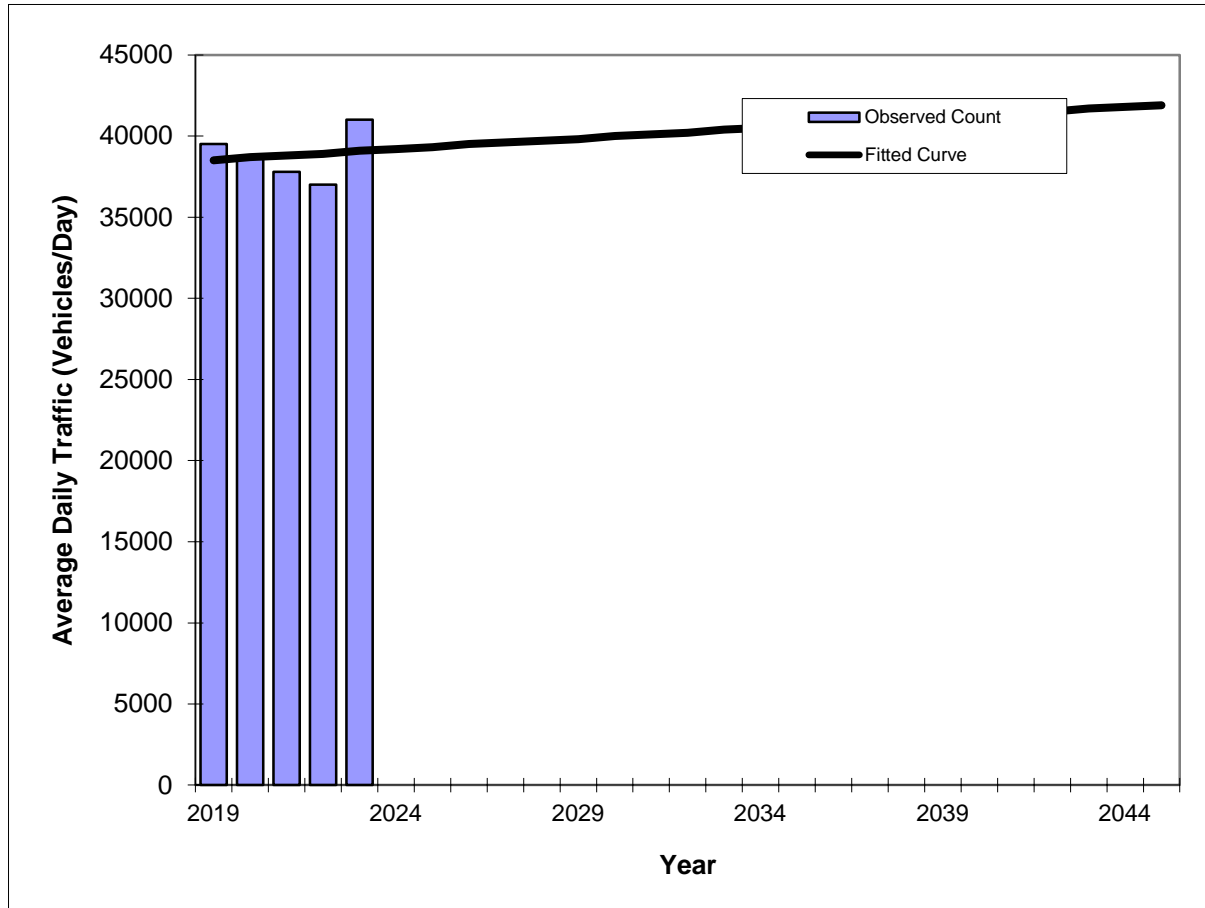
AADT FLAGS: C = COMPUTED; E = MANUAL ESTIMATE; F = FIRST YEAR ESTIMATE  
 S = SECOND YEAR ESTIMATE; T = THIRD YEAR ESTIMATE; R = FOURTH YEAR ESTIMATE  
 V = FIFTH YEAR ESTIMATE; 6 = SIXTH YEAR ESTIMATE; X = UNKNOWN

\*K FACTOR: STARTING WITH YEAR 2011 IS STANDARDK, PRIOR YEARS ARE K30 VALUES

## Traffic Trends

**SR & CR 973 -- 200 feet south of NW 33rd Street**

<b>County:</b>	Miami-Dade (87)
<b>Station #:</b>	7051
<b>Highway:</b>	SR & CR 973



Year	Traffic (ADT/AADT)	
	Count*	Trend**
2019	39500	38500
2020	38700	38700
2021	37800	38800
2022	37000	38900
2023	41000	39100

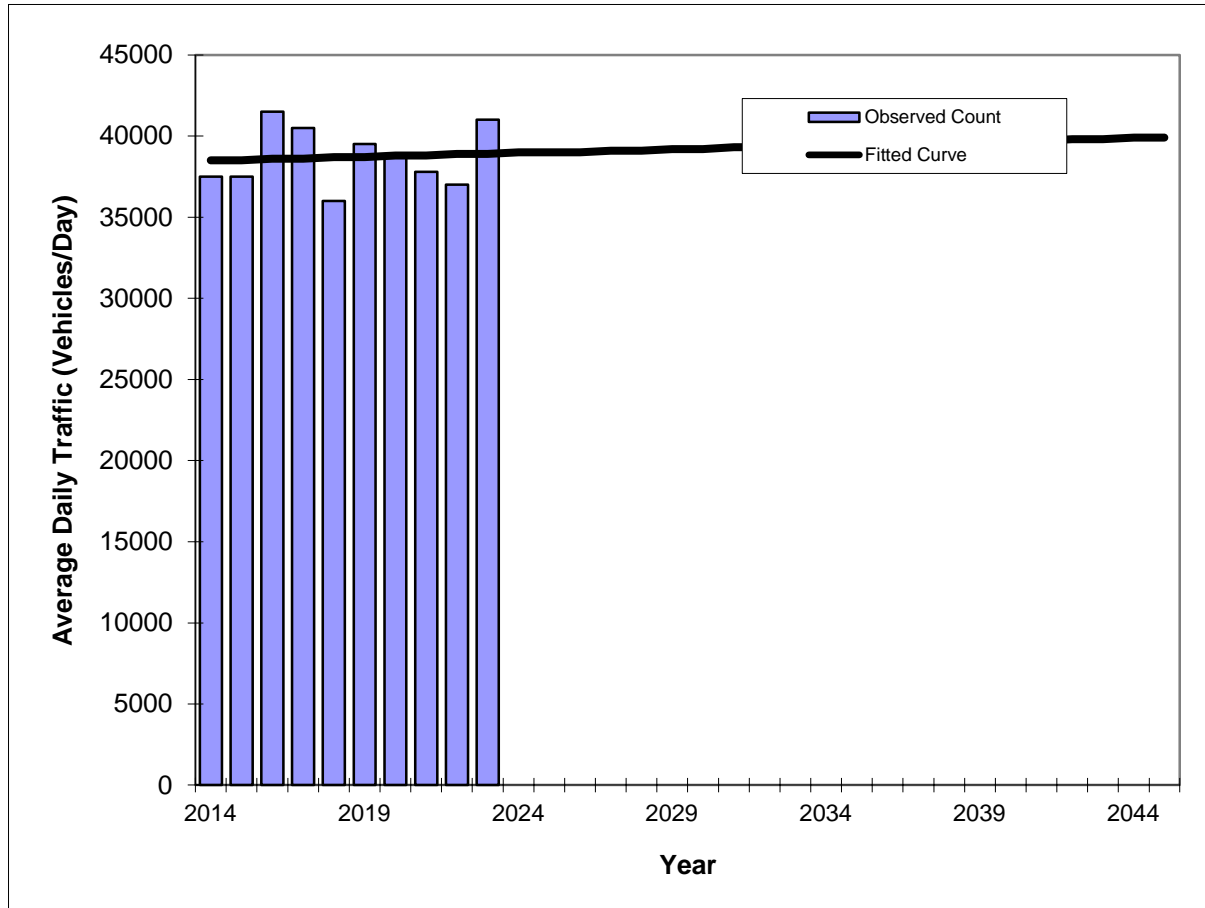
Trend R-squared:	1.76%
Trend Annual Historic Growth Rate:	0.39%
Printed:	19-Aug-24
<b>Straight Line Growth Option</b>	

\*Axle-Adjusted

## Traffic Trends

**SR & CR 973 -- 200 feet south of NW 33rd Street**

<b>County:</b>	Miami-Dade (87)
<b>Station #:</b>	7051
<b>Highway:</b>	SR & CR 973



Year	Traffic (ADT/AADT)	
	Count*	Trend**
2014	37500	38500
2015	37500	38500
2016	41500	38600
2017	40500	38600
2018	36000	38700
2019	39500	38700
2020	38700	38800
2021	37800	38800
2022	37000	38900
2023	41000	38900

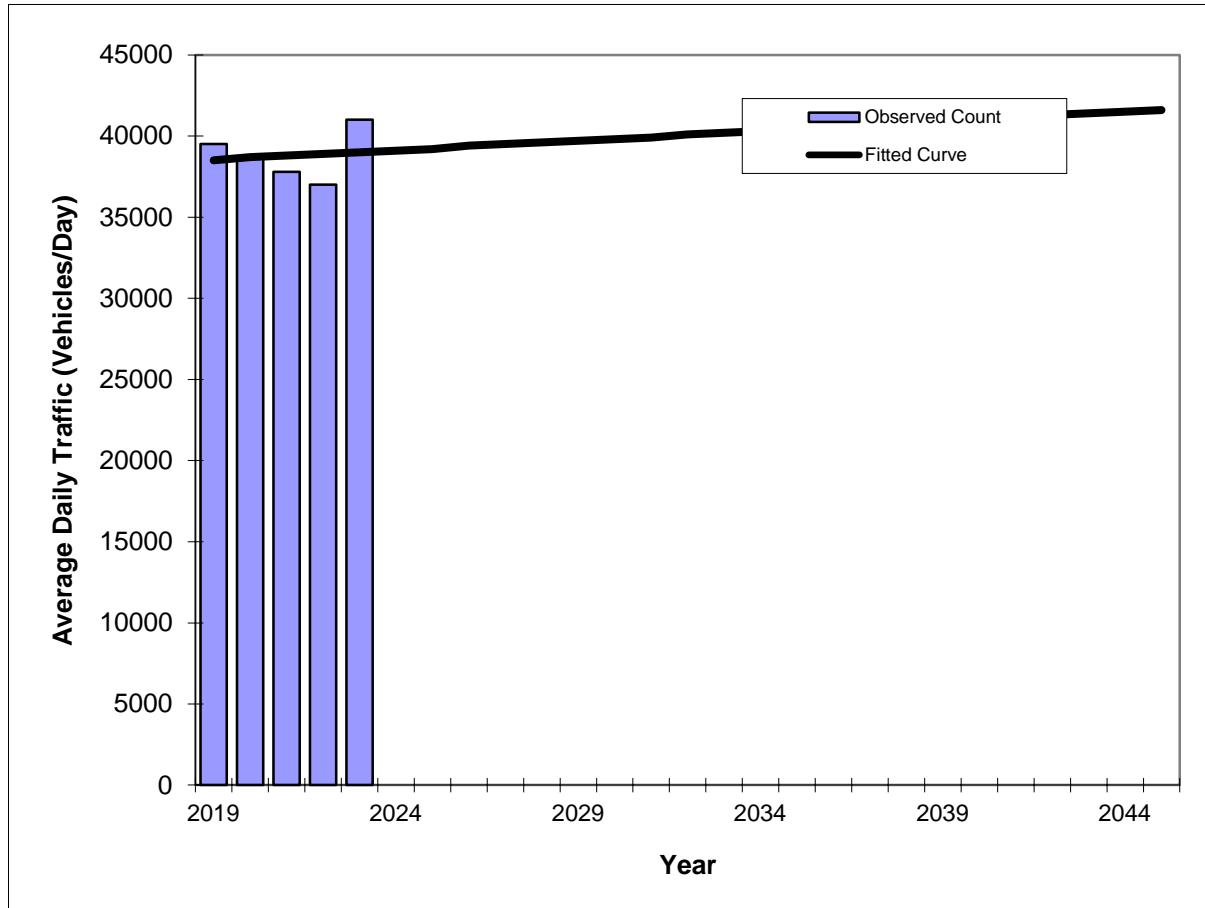
Trend R-squared:	0.57%
Trend Annual Historic Growth Rate:	0.12%
Printed:	15-Aug-24
<b>Straight Line Growth Option</b>	

\*Axle-Adjusted

## Traffic Trends

**SR & CR 973 -- 200 feet south of NW 33rd Street**

<b>County:</b>	Miami-Dade (87)
<b>Station #:</b>	7051
<b>Highway:</b>	SR & CR 973



Year	Traffic (ADT/AADT)	
	Count*	Trend**
2019	39500	38500
2020	38700	38700
2021	37800	38800
2022	37000	38900
2023	41000	39000

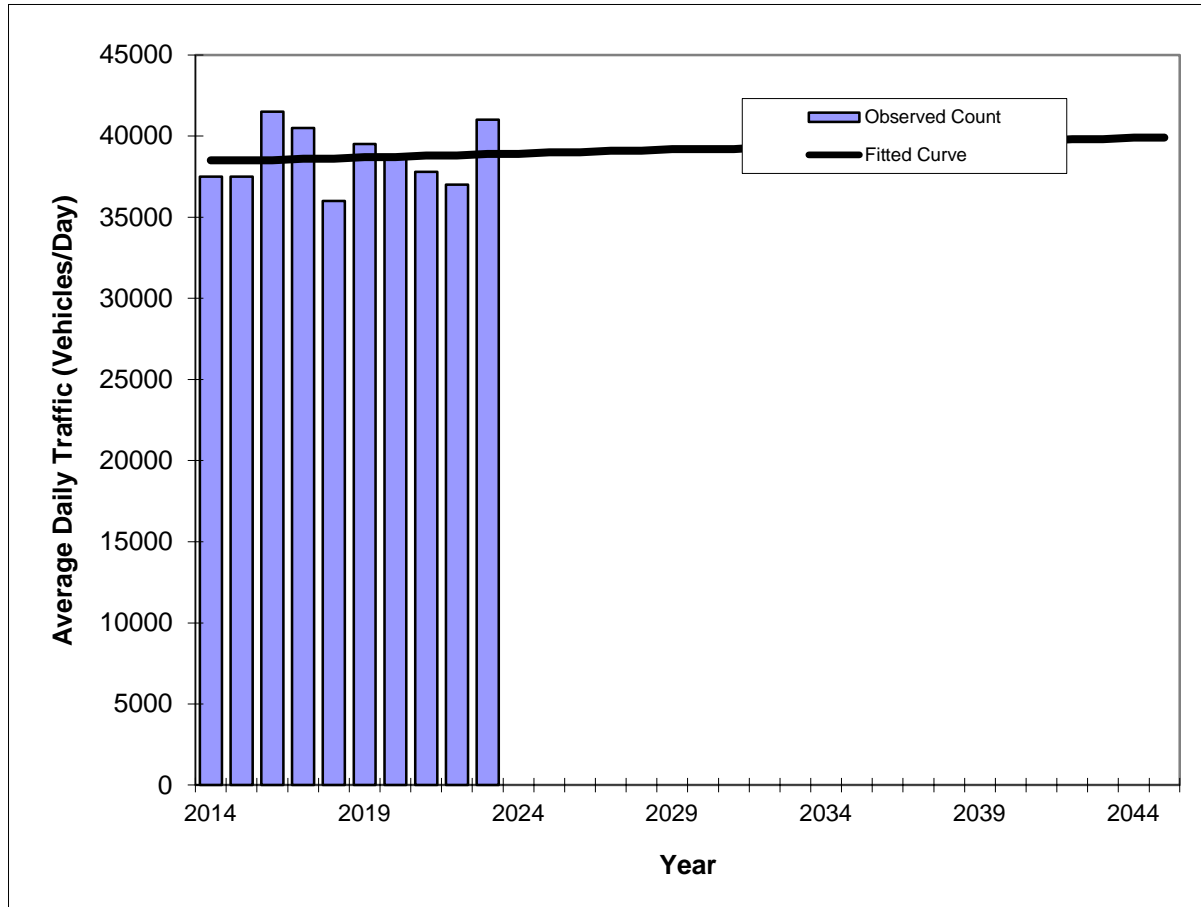
Trend R-squared:	1.39%
Compounded Annual Historic Growth Rate:	0.32%
Printed:	19-Aug-24
<b>Exponential Growth Option</b>	

\*Axle-Adjusted

## Traffic Trends

**SR & CR 973 -- 200 feet south of NW 33rd Street**

<b>County:</b>	Miami-Dade (87)
<b>Station #:</b>	7051
<b>Highway:</b>	SR & CR 973



Year	Traffic (ADT/AADT)	
	Count*	Trend**
2014	37500	38500
2015	37500	38500
2016	41500	38500
2017	40500	38600
2018	36000	38600
2019	39500	38700
2020	38700	38700
2021	37800	38800
2022	37000	38800
2023	41000	38900

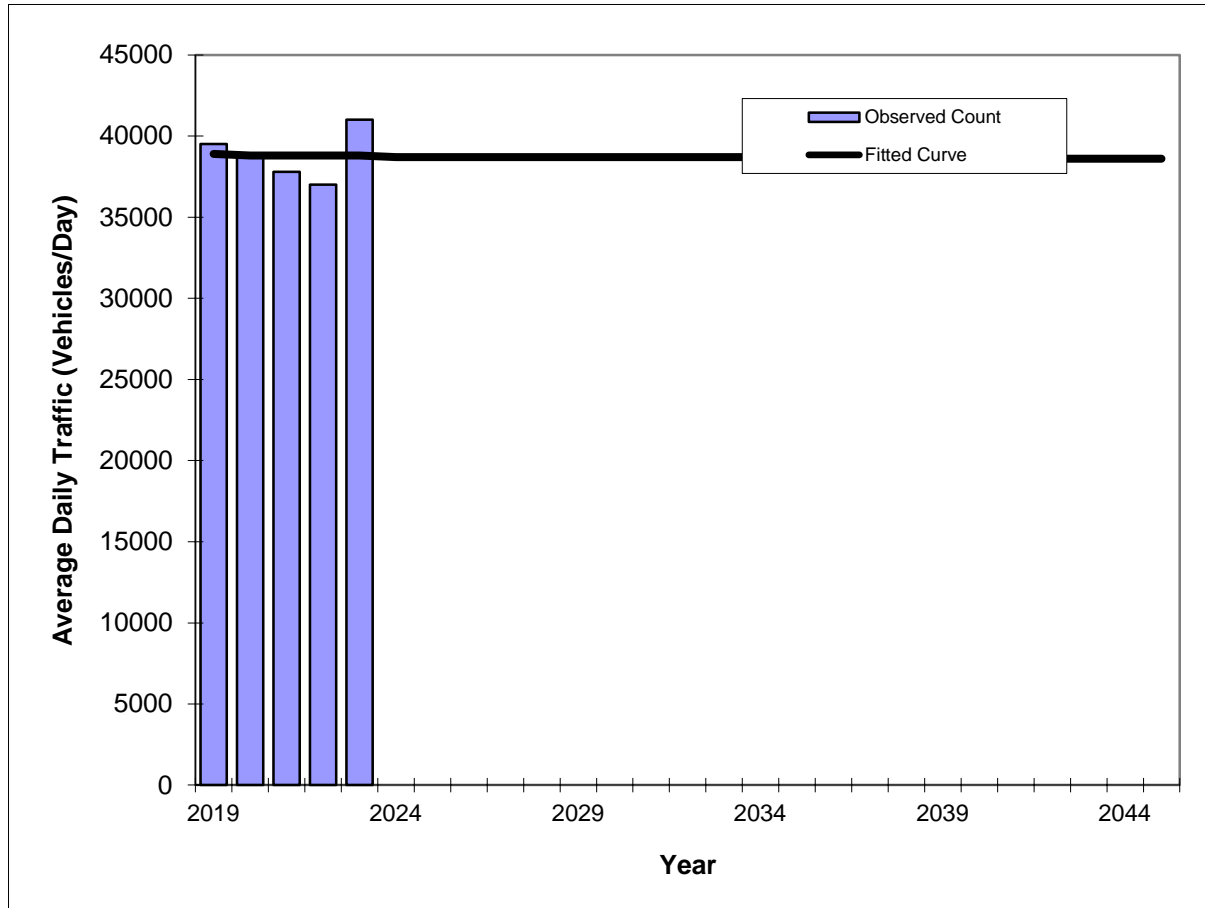
Trend R-squared:	0.58%
Compounded Annual Historic Growth Rate:	0.11%
Printed:	15-Aug-24
<b>Exponential Growth Option</b>	

\*Axle-Adjusted

## Traffic Trends

**SR & CR 973 -- 200 feet south of NW 33rd Street**

<b>County:</b>	Miami-Dade (87)
<b>Station #:</b>	7051
<b>Highway:</b>	SR & CR 973



Year	Traffic (ADT/AADT)	
	Count*	Trend**
2019	39500	38900
2020	38700	38800
2021	37800	38800
2022	37000	38800
2023	41000	38800

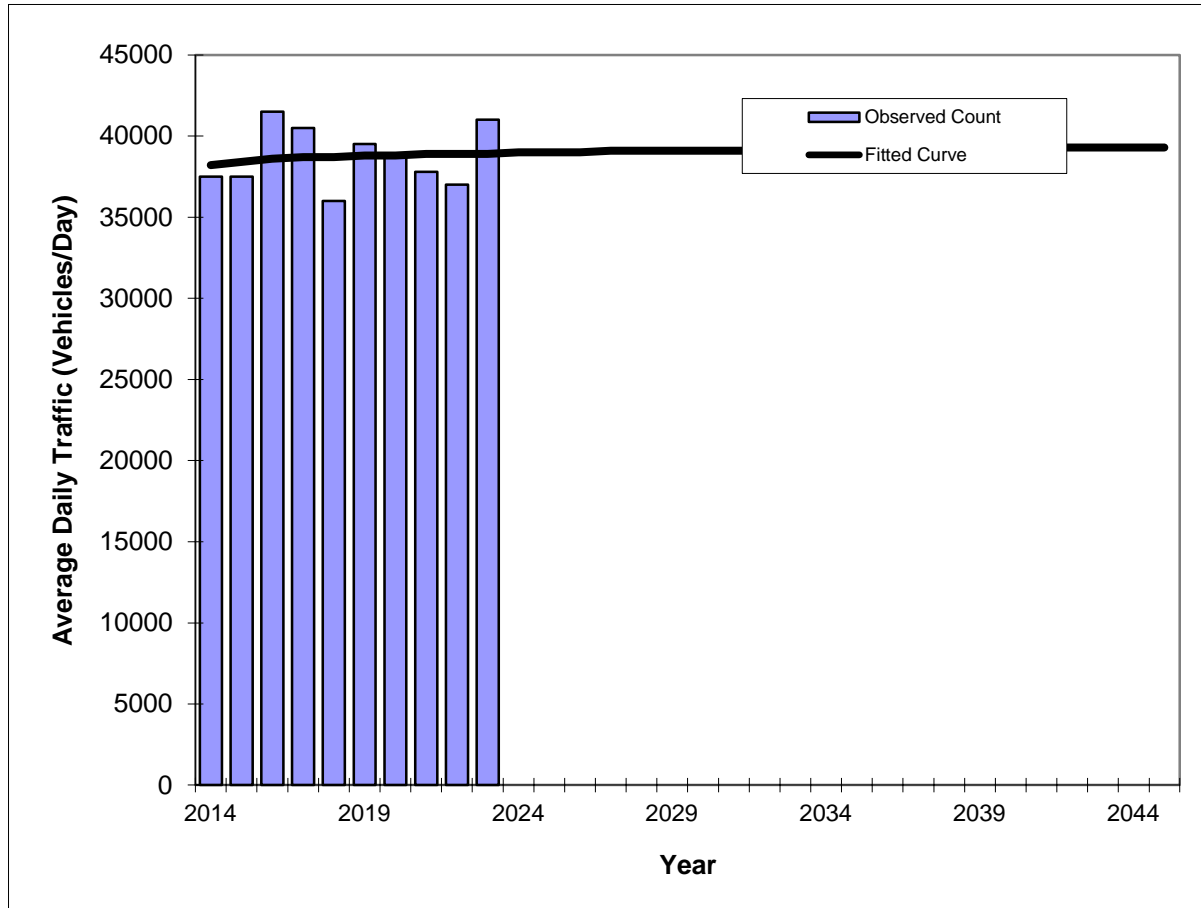
Trend R-squared:	0.10%
Compounded Annual Historic Growth Rate:	-0.06%
Printed:	19-Aug-24
<b>Decaying Exponential Growth Option</b>	

\*Axle-Adjusted

## Traffic Trends

**SR & CR 973 -- 200 feet south of NW 33rd Street**

<b>County:</b>	Miami-Dade (87)
<b>Station #:</b>	7051
<b>Highway:</b>	SR & CR 973



Year	Traffic (ADT/AADT)	
	Count*	Trend**
2014	37500	38200
2015	37500	38400
2016	41500	38600
2017	40500	38700
2018	36000	38700
2019	39500	38800
2020	38700	38800
2021	37800	38900
2022	37000	38900
2023	41000	38900

Trend R-squared:	1.54%
Compounded Annual Historic Growth Rate:	0.20%
Printed:	15-Aug-24
<b>Decaying Exponential Growth Option</b>	

\*Axle-Adjusted



FLORIDA DEPARTMENT OF TRANSPORTATION  
TRANSPORTATION STATISTICS OFFICE  
2023 HISTORICAL AADT REPORT

COUNTY: 87 - MIAMI-DADE

SITE: 8359 - NW 36TH ST, 200' WEST OF NW 87TH AVENUE

YEAR	AADT		DIRECTION 1		DIRECTION 2	*K FACTOR	D FACTOR	T FACTOR
2023	41000	T	E 21000		W 20000	9.00	55.10	8.00
2022	40000	S	E 20500		W 19500	9.00	54.70	11.80
2021	41000	F	E 21000		W 20000	9.00	54.30	17.50
2020	42000	C	E 21500		W 20500	9.00	54.20	10.40
2019	44500	T	E 21500		W 23000	9.00	54.60	11.00
2018	44500	S	E 21500		W 23000	9.00	54.30	12.10
2017	43500	F	E 21000		W 22500	9.00	55.00	12.60
2016	42500	C	E 20500		W 22000	9.00	54.50	13.50
2015	44000	T	E 24000		W 20000	9.00	54.70	13.70
2014	42500	S	E 23000		W 19500	9.00	54.50	17.40
2013	42500	F	E 23000		W 19500	9.00	52.40	16.20
2012	43500	C	E 23500		W 20000	9.00	55.70	16.00

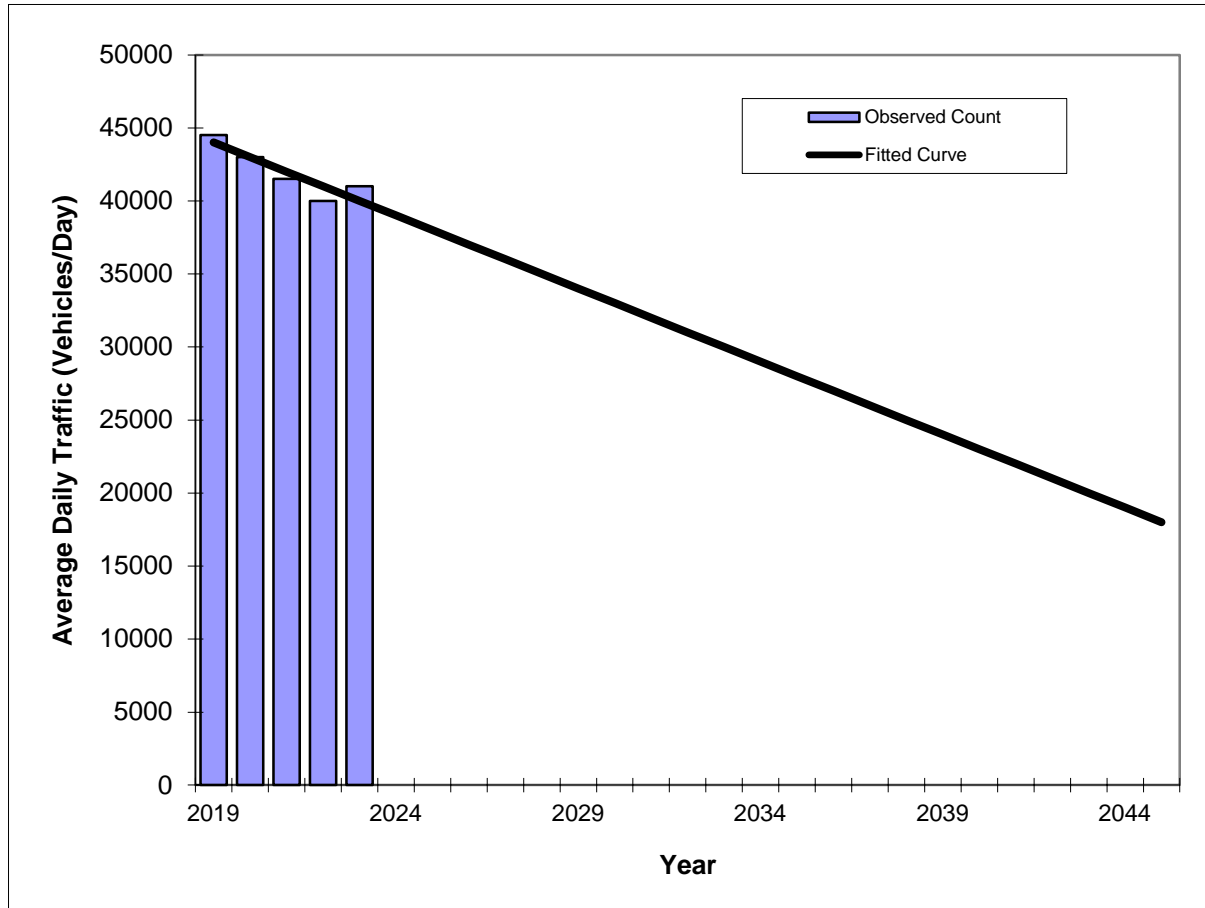
AADT FLAGS: C = COMPUTED; E = MANUAL ESTIMATE; F = FIRST YEAR ESTIMATE  
S = SECOND YEAR ESTIMATE; T = THIRD YEAR ESTIMATE; R = FOURTH YEAR ESTIMATE  
V = FIFTH YEAR ESTIMATE; 6 = SIXTH YEAR ESTIMATE; X = UNKNOWN

\*K FACTOR: STARTING WITH YEAR 2011 IS STANDARDK, PRIOR YEARS ARE K30 VALUES

# Traffic Trends

NW 36TH ST -- 200 feet west of NW 87th Avenue

County:	Miami-Dade (87)
Station #:	8359
Highway:	NW 36TH ST



Year	Traffic (ADT/AADT)	
	Count*	Trend**
2019	44500	44000
2020	43000	43000
2021	41500	42000
2022	40000	41000
2023	41000	40000

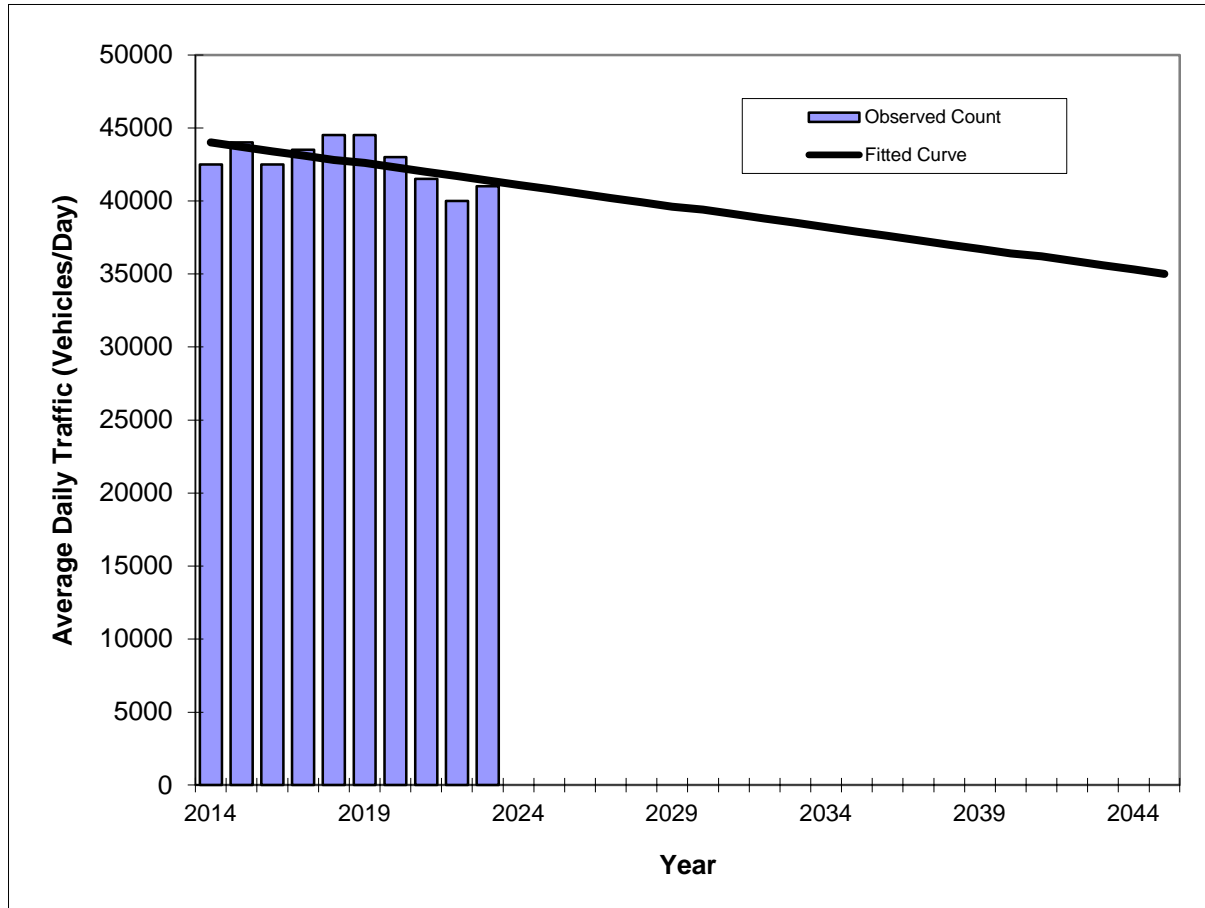
Trend R-squared: 80.00%  
 Trend Annual Historic Growth Rate: -2.27%  
 Printed: 19-Aug-24  
**Straight Line Growth Option**

\*Axle-Adjusted

# Traffic Trends

NW 36TH ST -- 200 feet west of NW 87th Avenue

County:	Miami-Dade (87)
Station #:	8359
Highway:	NW 36TH ST



Year	Traffic (ADT/AADT)	
	Count*	Trend**
2014	42500	44000
2015	44000	43700
2016	42500	43400
2017	43500	43100
2018	44500	42800
2019	44500	42600
2020	43000	42300
2021	41500	42000
2022	40000	41700
2023	41000	41400

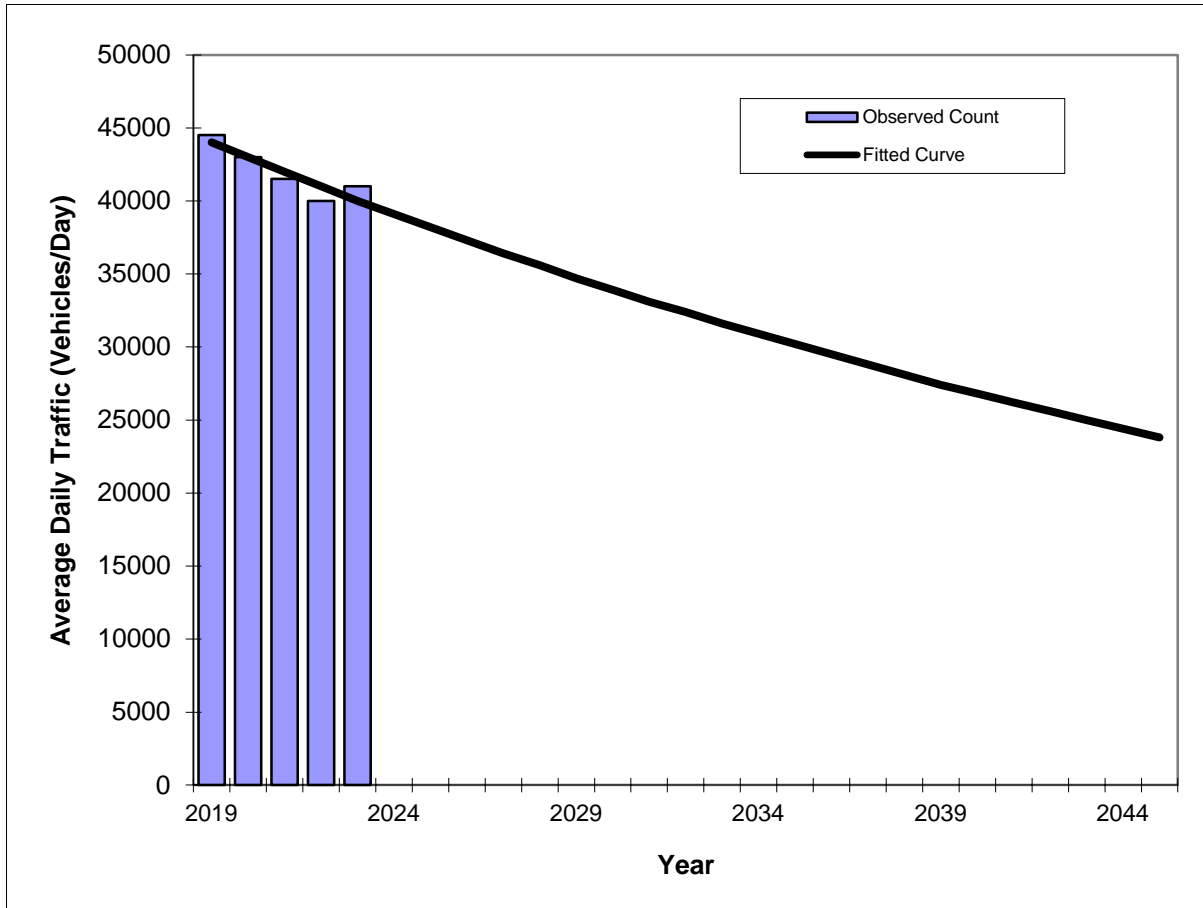
Trend R-squared: 33.89%  
 Trend Annual Historic Growth Rate: -0.66%  
 Printed: 19-Aug-24  
**Straight Line Growth Option**

\*Axle-Adjusted

# Traffic Trends

NW 36TH ST -- 200 feet west of NW 87th Avenue

<b>County:</b>	Miami-Dade (87)
<b>Station #:</b>	8359
<b>Highway:</b>	NW 36TH ST



Year	Traffic (ADT/AADT)	
	Count*	Trend**
2019	44500	44000
2020	43000	43000
2021	41500	42000
2022	40000	41000
2023	41000	40000

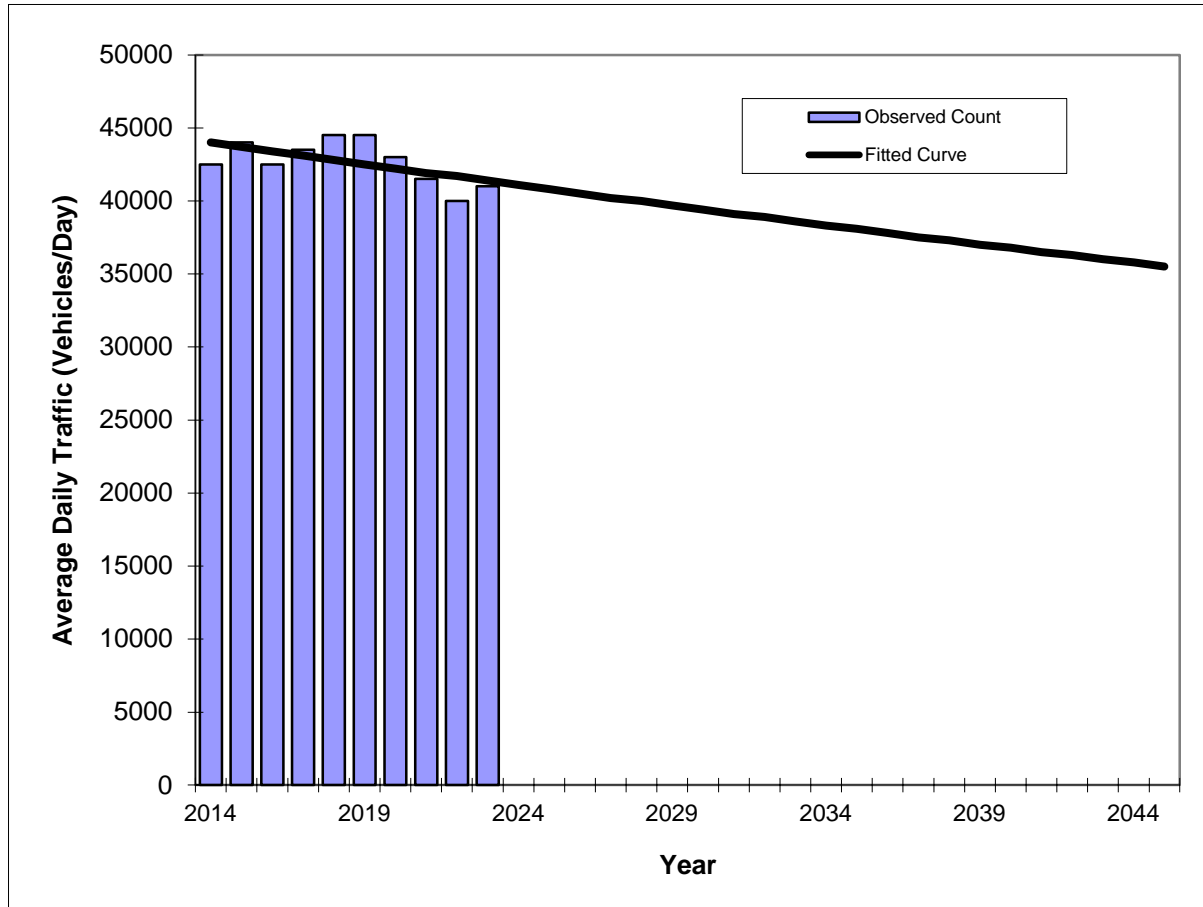
Trend R-squared: 79.68%  
 Compounded Annual Historic Growth Rate: -2.35%  
 Printed: 19-Aug-24  
**Exponential Growth Option**

\*Axle-Adjusted

## Traffic Trends

NW 36TH ST -- 200 feet west of NW 87th Avenue

County:	Miami-Dade (87)
Station #:	8359
Highway:	NW 36TH ST



Year	Traffic (ADT/AADT)	
	Count*	Trend**
2014	42500	44000
2015	44000	43700
2016	42500	43400
2017	43500	43100
2018	44500	42800
2019	44500	42500
2020	43000	42200
2021	41500	41900
2022	40000	41700
2023	41000	41400

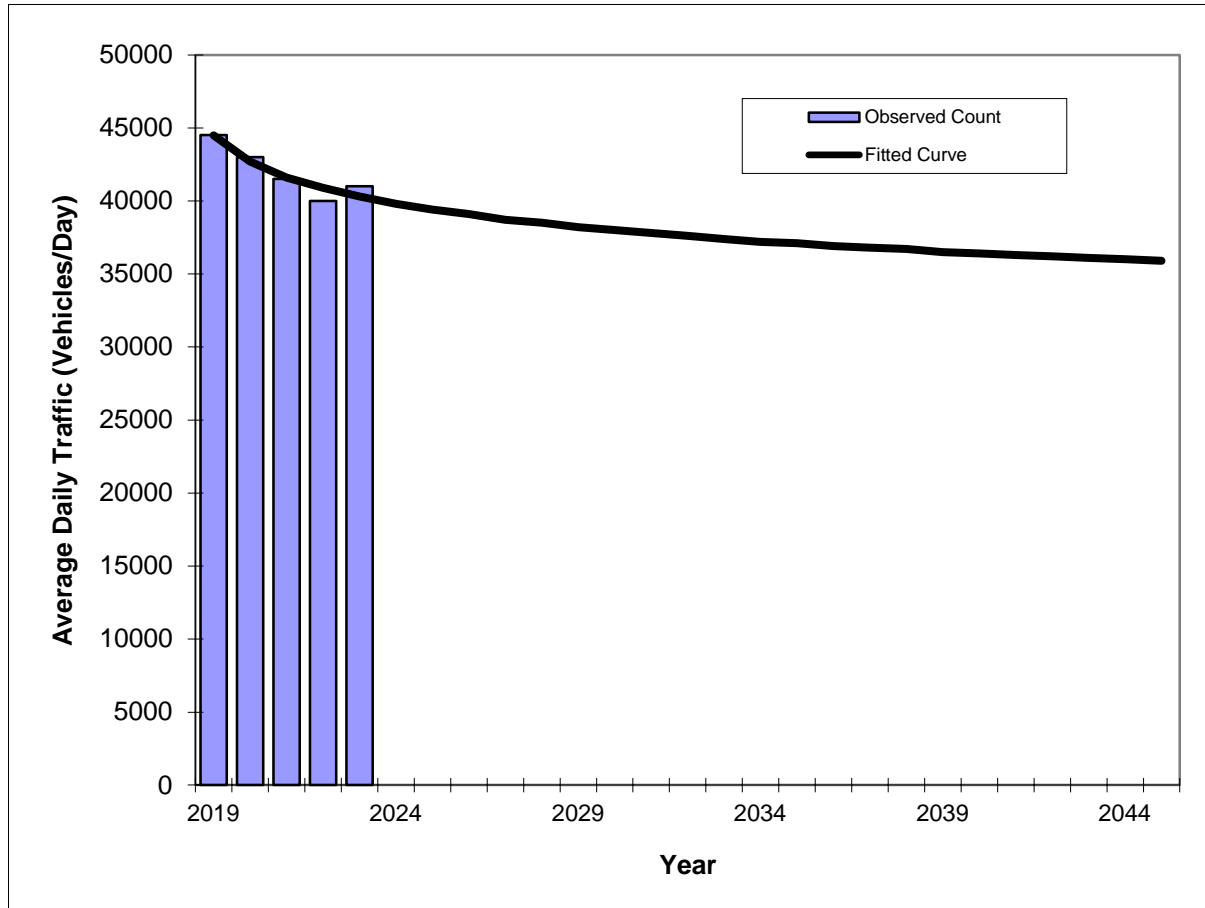
Trend R-squared:	34.58%
Compounded Annual Historic Growth Rate:	-0.67%
Printed:	19-Aug-24
<b>Exponential Growth Option</b>	

\*Axle-Adjusted

# Traffic Trends

NW 36TH ST -- 200 feet west of NW 87th Avenue

County:	Miami-Dade (87)
Station #:	8359
Highway:	NW 36TH ST



Year	Traffic (ADT/AADT)	
	Count*	Trend**
2019	44500	44500
2020	43000	42700
2021	41500	41600
2022	40000	40900
2023	41000	40300

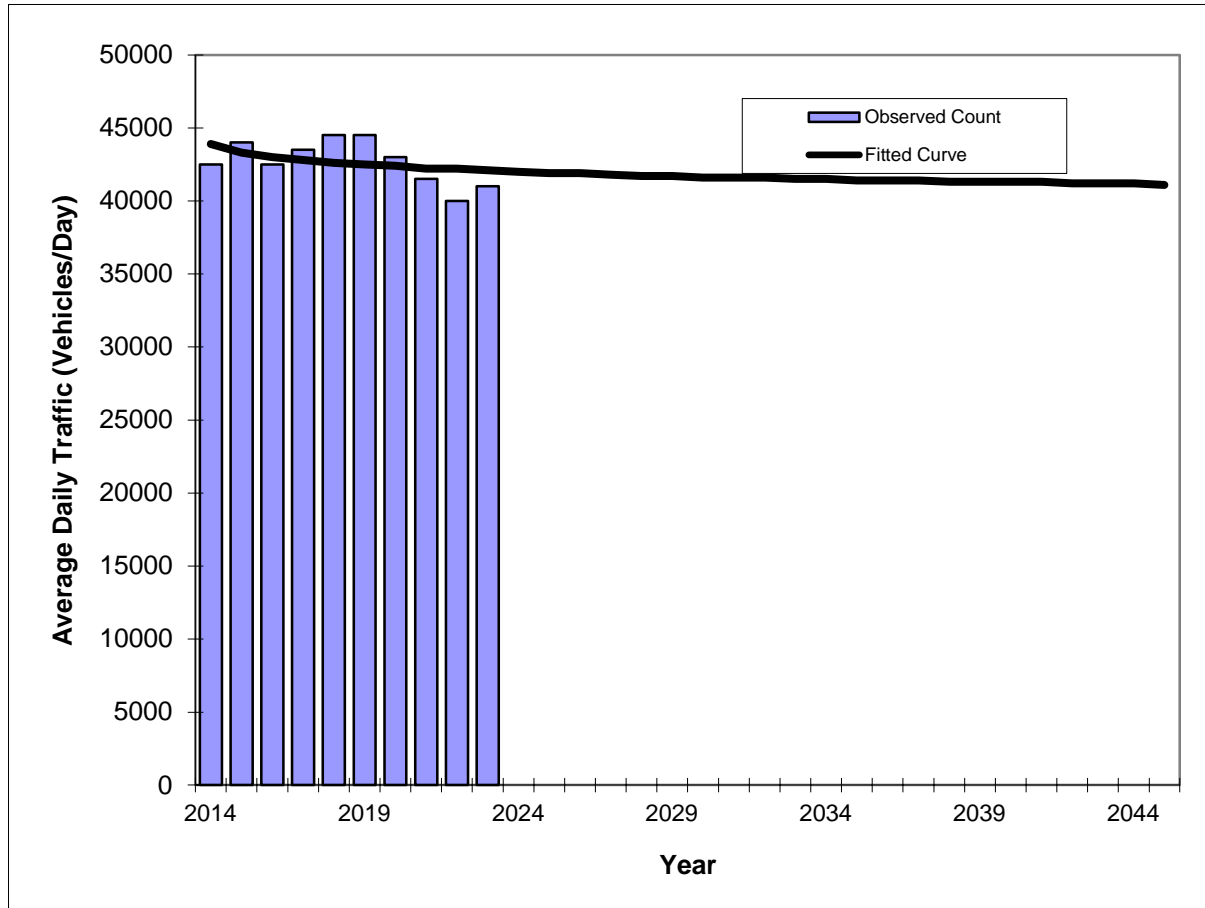
Trend R-squared: 88.95%  
 Compounded Annual Historic Growth Rate: -2.45%  
 Printed: 19-Aug-24  
**Decaying Exponential Growth Option**

\*Axle-Adjusted

## Traffic Trends

**NW 36TH ST -- 200 feet west of NW 87th Avenue**

<b>County:</b>	Miami-Dade (87)
<b>Station #:</b>	8359
<b>Highway:</b>	NW 36TH ST



Year	Traffic (ADT/AADT)	
	Count*	Trend**
2014	42500	43900
2015	44000	43300
2016	42500	43000
2017	43500	42800
2018	44500	42600
2019	44500	42500
2020	43000	42400
2021	41500	42200
2022	40000	42200
2023	41000	42100

Trend R-squared:	14.85%
Compounded Annual Historic Growth Rate:	-0.46%
Printed:	19-Aug-24
<b>Decaying Exponential Growth Option</b>	

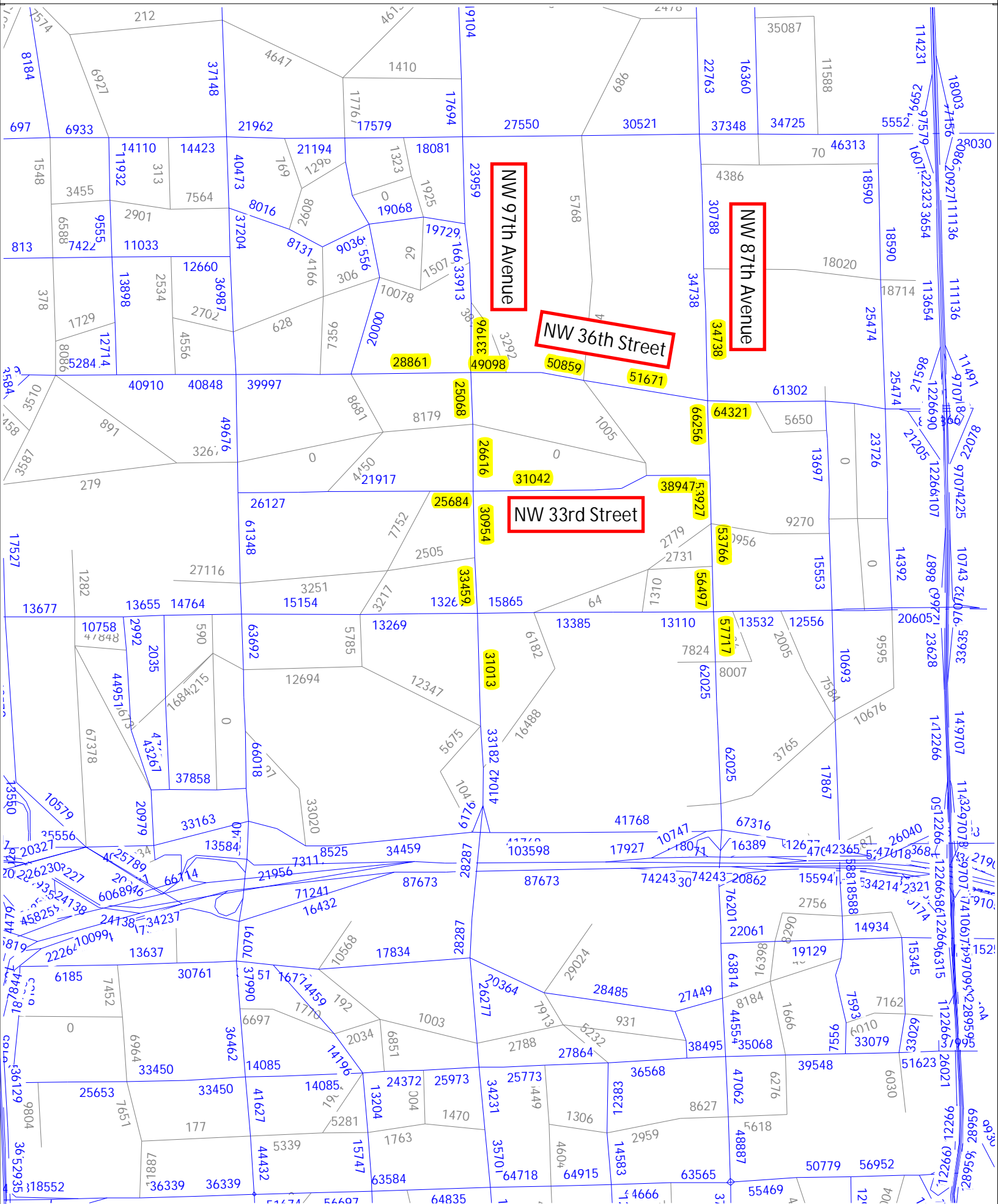
\*Axle-Adjusted

# SERPM Analysis



<b>SERPM Growth Rate Summary</b>					
<b>Street Name</b>	<b>2015</b>	<b>2045</b>	<b>Difference</b>	<b>Growth Rate</b>	<b>Annual Growth Rate</b>
<b>NW 97th Avenue</b>	27,413	33,196	5,783	21.10%	0.70%
	21,393	25,068	3,675	17.18%	0.57%
	22,469	26,616	4,147	18.46%	0.62%
	30,379	30,954	575	1.89%	0.06%
	30,379	33,459	3,080	10.14%	0.34%
	20,174	31,013	10,839	53.73%	1.79%
<b>NW 87th Avenue</b>	22,357	34,738	12,381	55.38%	1.85%
	48,239	66,256	18,017	37.35%	1.24%
	34,826	53,927	19,101	54.85%	1.83%
	34,618	53,766	19,148	55.31%	1.84%
	34,618	56,497	21,879	63.20%	2.11%
	45,571	57,717	12,146	26.65%	0.89%
<b>NW 36th Street</b>	19,312	28,861	9,549	49.45%	1.65%
	37,257	49,098	11,841	31.78%	1.06%
	37,257	50,859	13,602	36.51%	1.22%
	38,611	51,671	13,060	33.82%	1.13%
	51,346	64,321	12,975	25.27%	0.84%
<b>NW 33rd Street</b>	13,625	25,684	12,059	88.51%	2.95%
	23,812	31,042	7,230	30.36%	1.01%
	29,907	38,947	9,040	30.23%	1.01%
<b>Total</b>	<b>623,563</b>	<b>843,690</b>	<b>220,127</b>	<b>35.30%</b>	<b>1.18%</b>





## Appendix E

### Committed Developments

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# Doral Chick-Fil-A Traffic Analysis

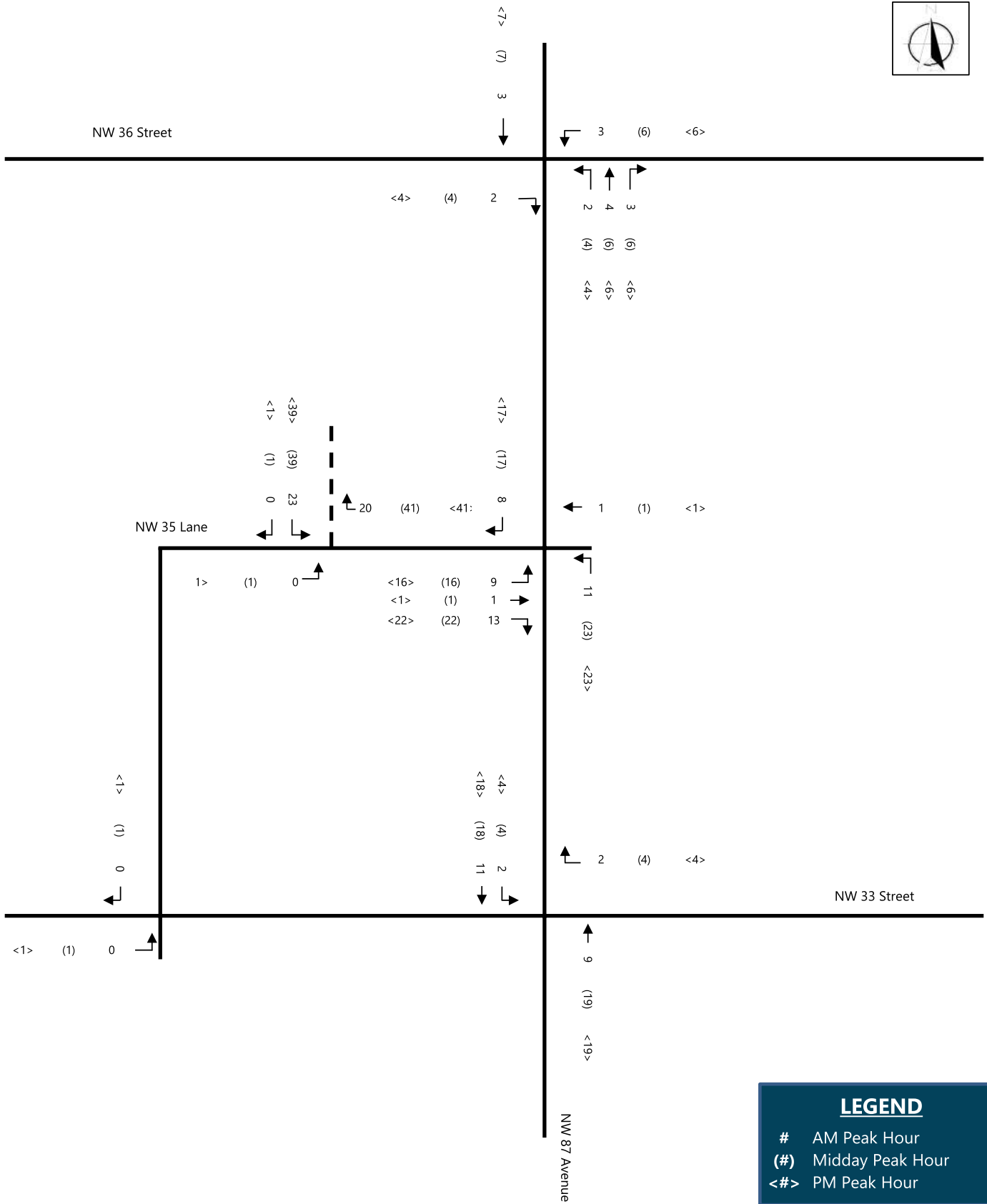
---

## City of Doral, Florida

McMahon Project No. K22609.01

*Prepared for:*  
**Chick-Fil-A**  
**8705 NW 35 Lane**  
**Doral, FL 33166**

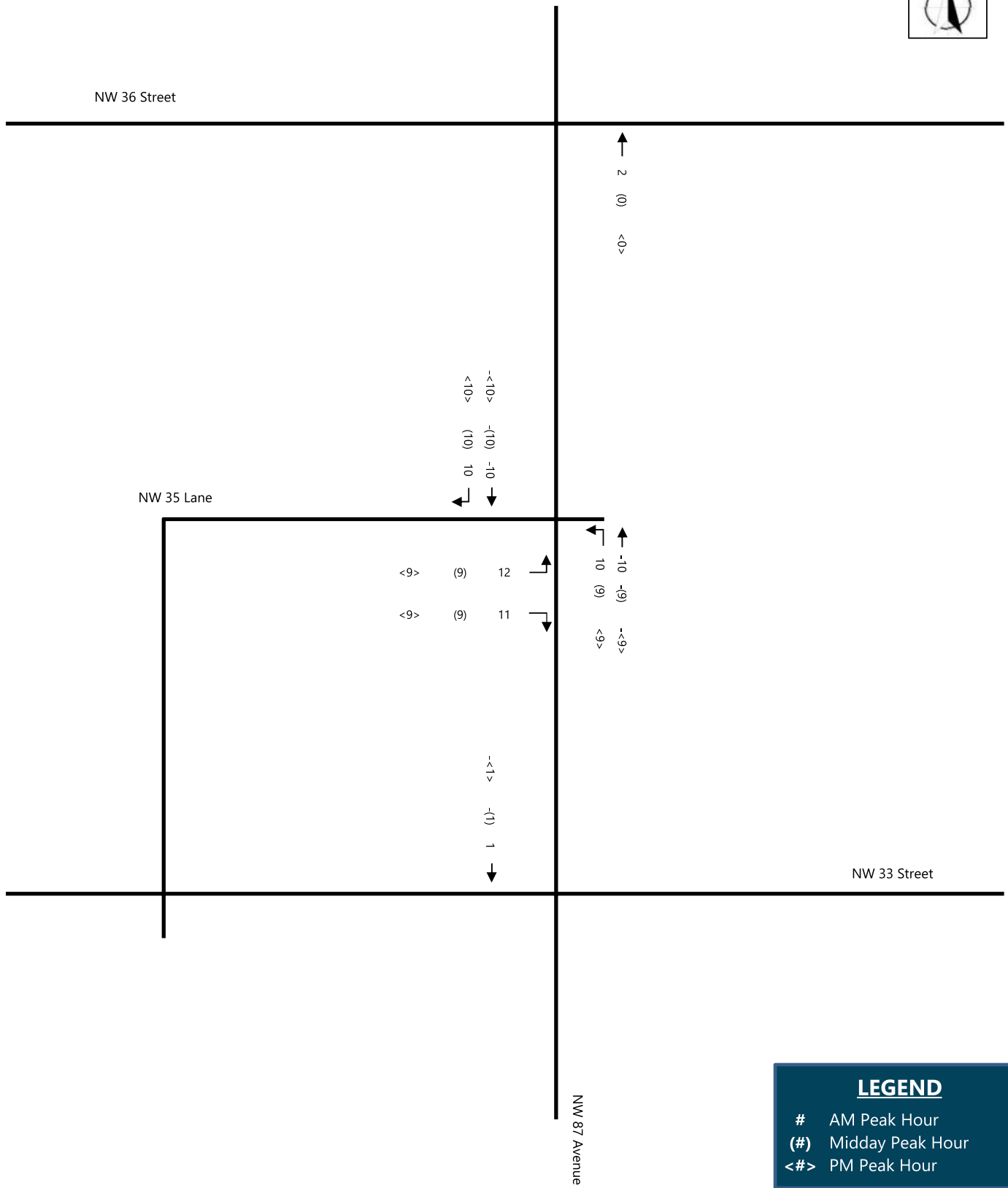
*August 2023*



**LEGEND**

- # AM Peak Hour
- (#) Midday Peak Hour
- <#> PM Peak Hour

**Figure 7**  
 Project Traffic Assignment - Net New  
**DORAL CHICK-FIL-A TRAFFIC ANALYSIS**  
 City of Doral, Florida



**LEGEND**

- # AM Peak Hour
- (#) Midday Peak Hour
- <#> PM Peak Hour

**Figure 8**  
Project Traffic Assignment - Pass-By  
**DORAL CHICK-FIL-A TRAFFIC ANALYSIS**  
City of Doral, Florida





# Doral Central Park

Miami-Dade County, Florida

prepared for:

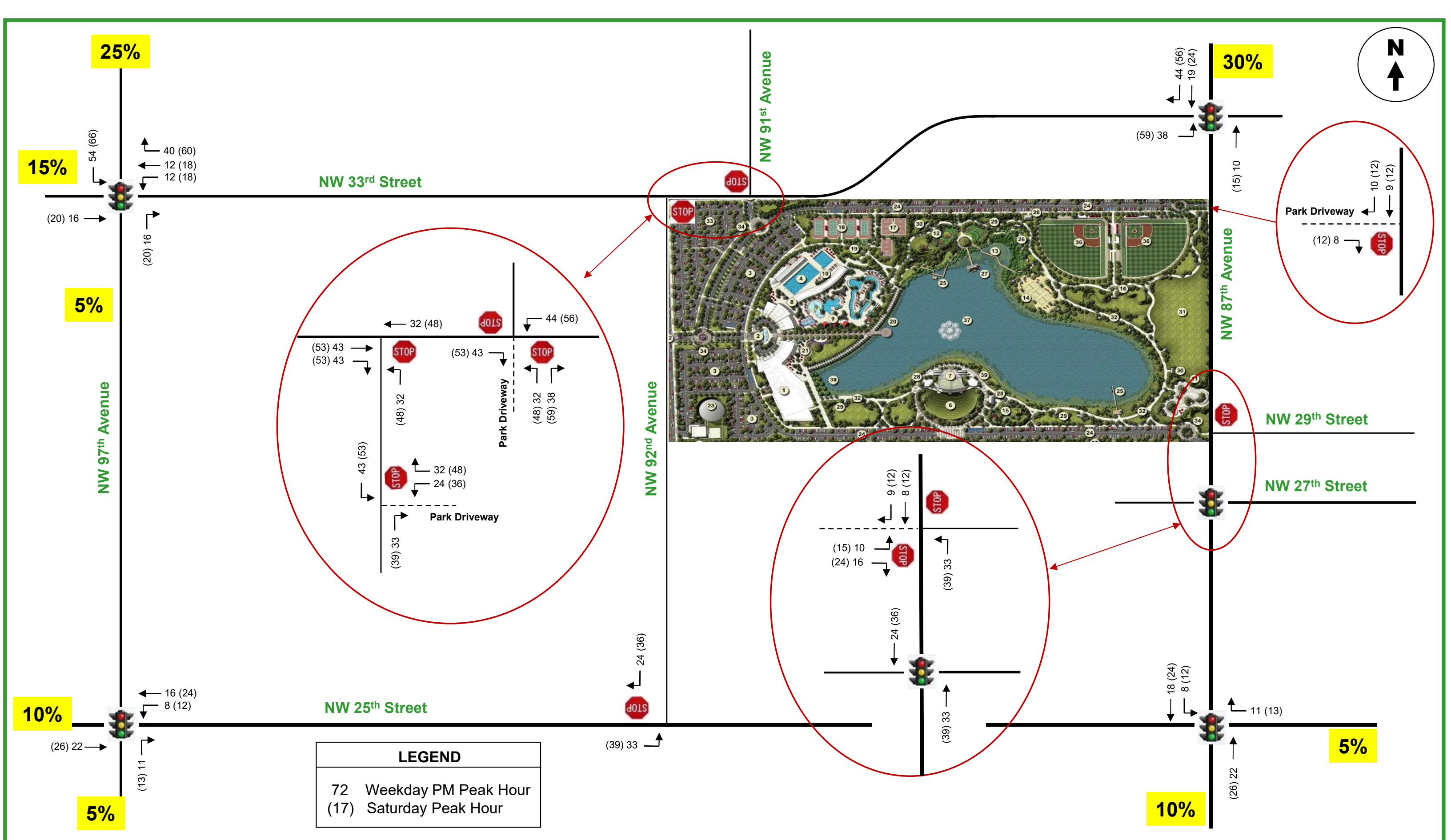
**Bermello Ajamil & Partners, Inc.**

traffic study

**TRAFTECH**  
ENGINEERING, INC.

October 2020







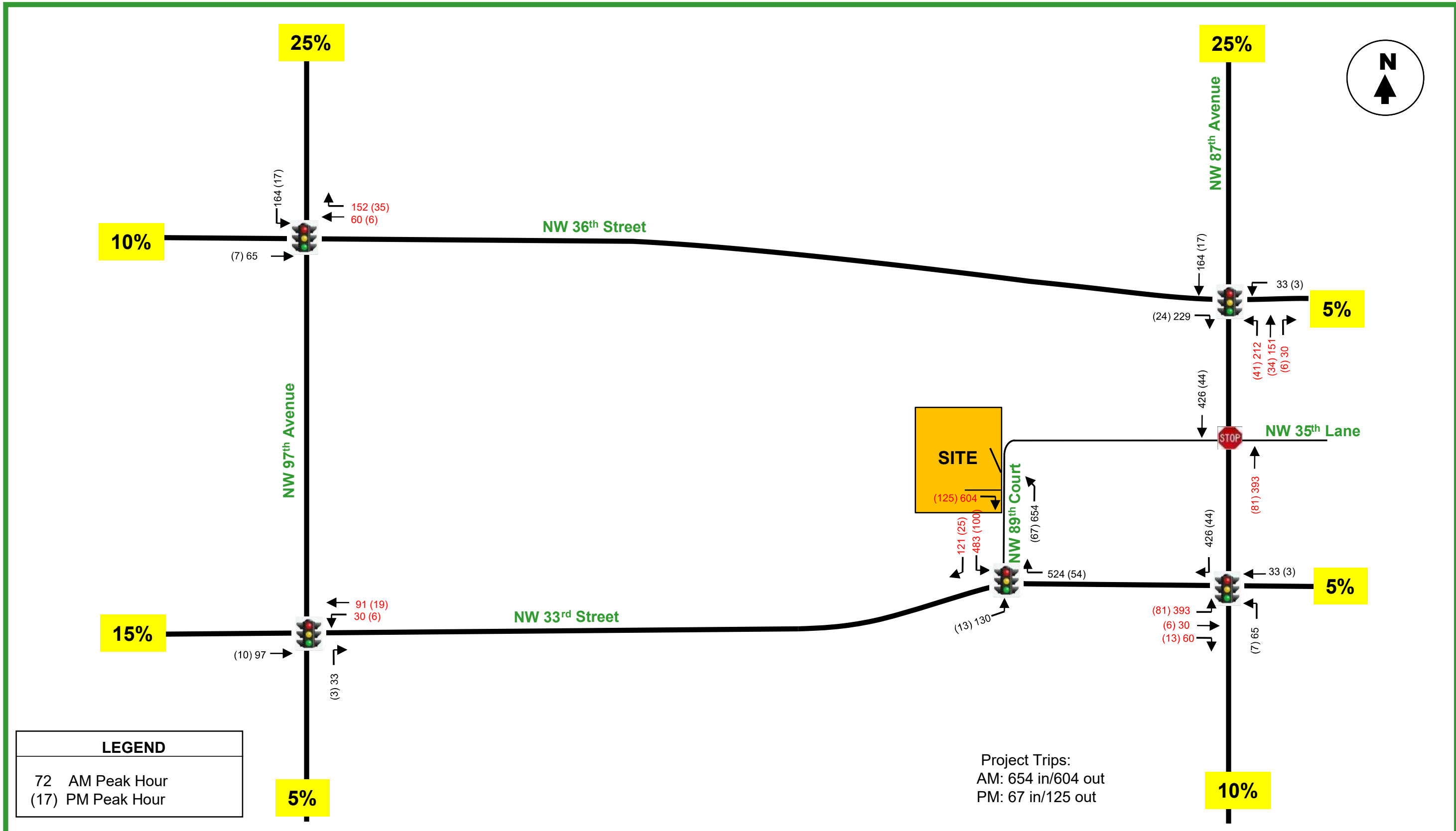
# Doral K-8 Public Charter School

Doral, Florida

prepared for:

**MG3 Developer Group, LLC**

traffic study – third phase (1,200 students)



**DORAL K-8 PUBLIC CHARTER SCHOOL'S DISTRIBUTION**  
(1,200 Students)



**FIGURE 3**  
Doral K-8 Public Charter School  
City of Doral, Florida

Doral Center



NOT TO SCALE

**Legend**

-  Study Roadway
-  Study Intersection
- XX A.M. Peak Hour Trip Assignment
- (XX) P.M. Peak Hour Trip Assignment

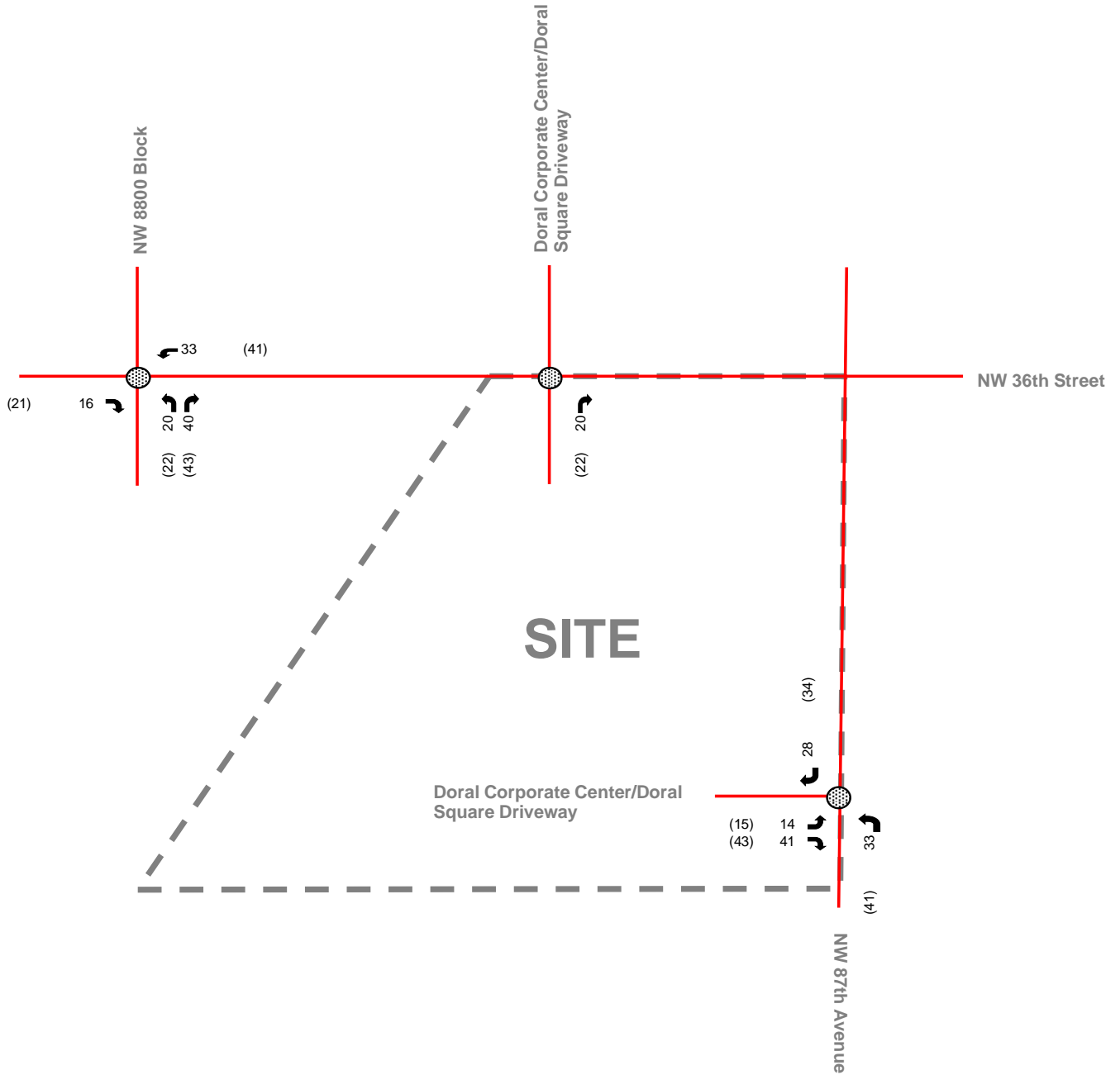
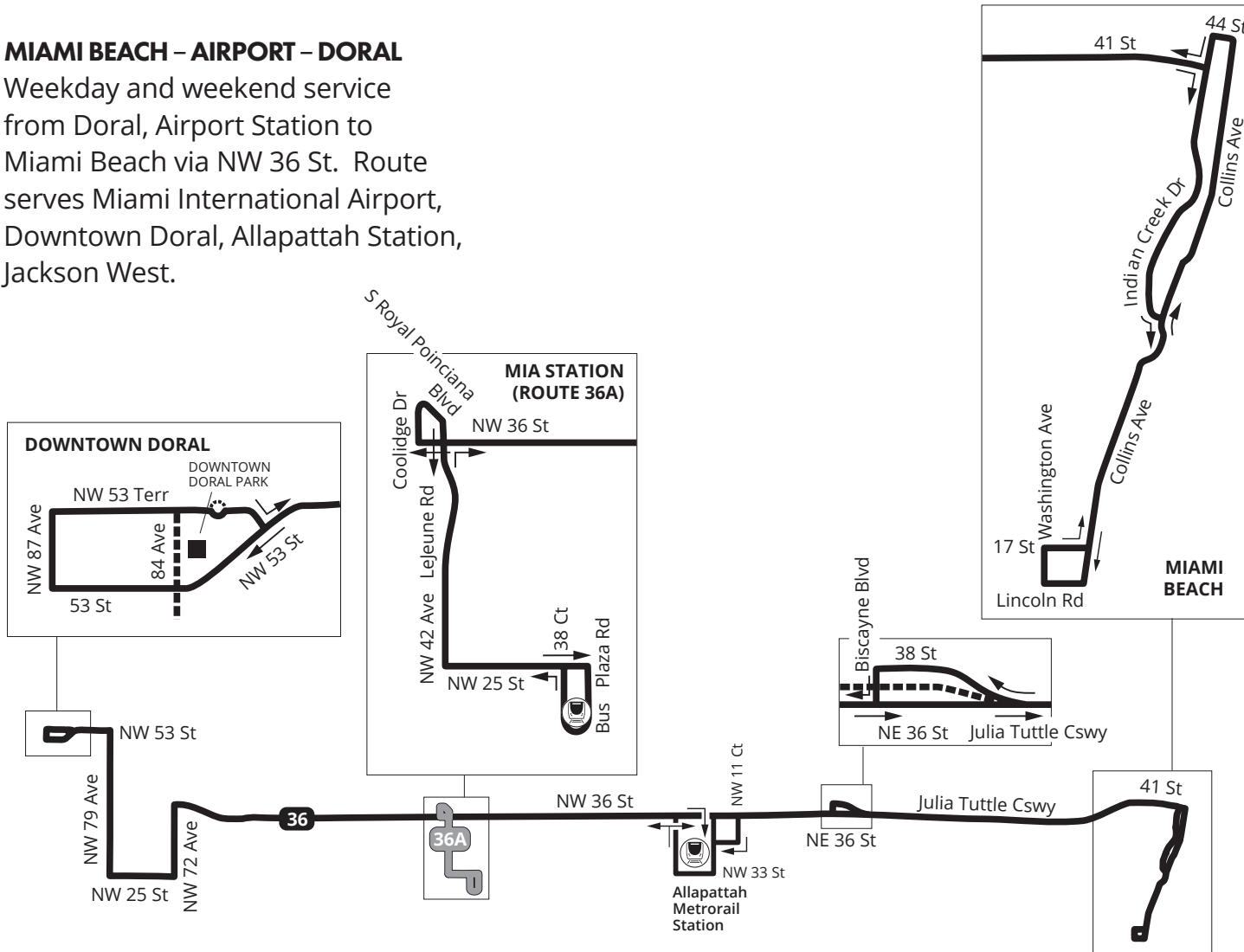


Figure 5  
Peak Hour Project Trip Assignment  
Doral Center  
Doral, Florida

Appendix F  
Transit Information

**MIAMI BEACH – AIRPORT – DORAL**

Weekday and weekend service from Doral, Airport Station to Miami Beach via NW 36 St. Route serves Miami International Airport, Downtown Doral, Allapattah Station, Jackson West.



	Weekdays	Weekends
Peak Frequency	15/30	30 Sat 20/40 Sun
Off Peak Frequency	15/30	
Span of Service	4:00 AM to 12:00 AM	5:00 AM to 12:00 AM

**ROUTE 36**

Weekday			Saturday			Sunday		
FROM	TO	EVERY	FROM	TO	EVERY	FROM	TO	EVERY
04:00	06:00	60 min	05:00	07:00	60 min	06:00	08:00	60 min
06:00	22:00	30 min	07:00	22:00	30 min	08:00	20:00	40 min
22:00	24:00	60 min	22:00	24:00	60 min			

**ROUTE 36A**

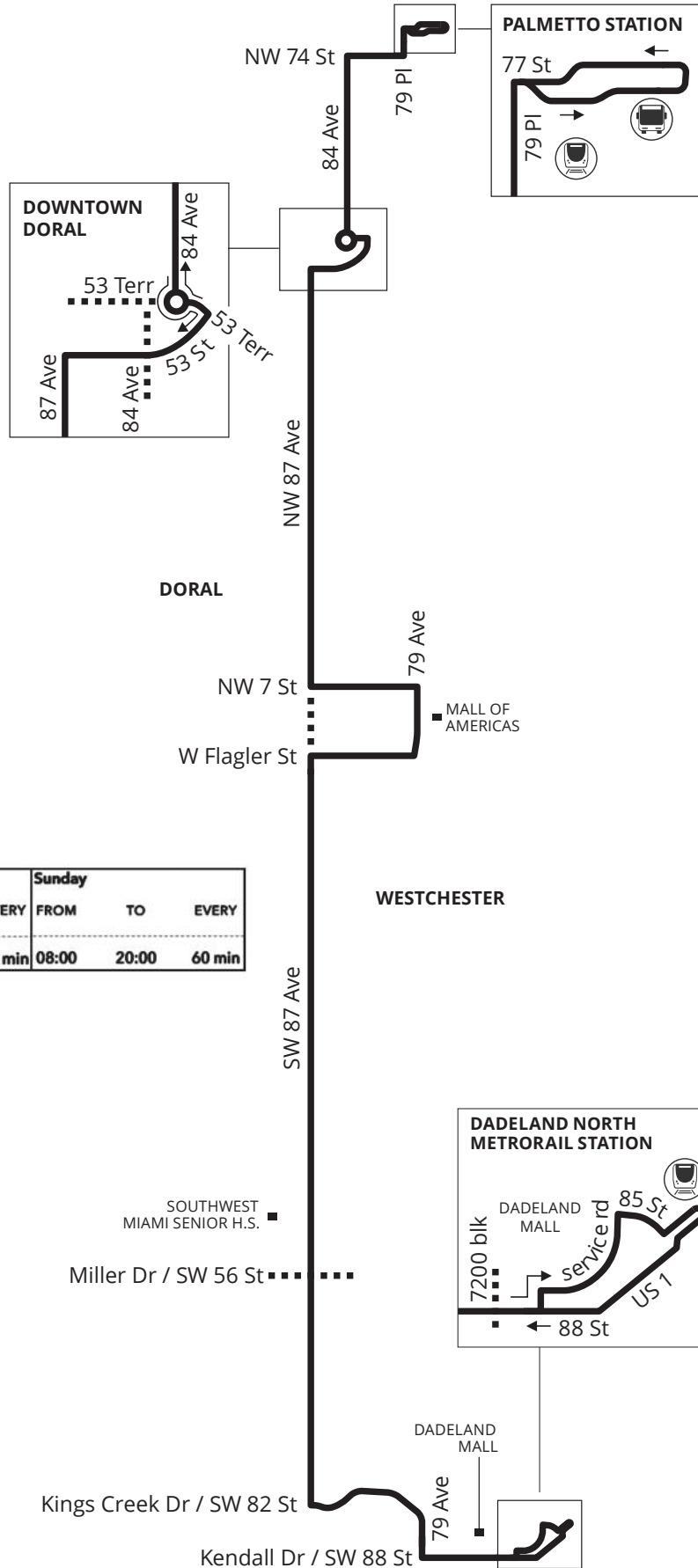
Weekday			Saturday			Sunday		
FROM	TO	EVERY	FROM	TO	EVERY	FROM	TO	EVERY
04:00	06:00	60 min	05:00	07:00	60 min	05:00	08:00	60 min
06:00	22:00	30 min	07:00	22:00	30 min	08:00	20:00	40 min
22:00	24:00	60 min	22:00	24:00	60 min	20:00	24:00	60 min



MAP NOT TO SCALE

## PALMETTO STATION – DORAL – DADELAND VIA 87 AVE

Weekday and weekend service from Palmetto Station to Dadeland North Station. Route serves, Medley, Doral, Kendall.



Weekday			Saturday			Sunday		
FROM	TO	EVERY	FROM	TO	EVERY	FROM	TO	EVERY
05:00	06:00	60 min	07:00	20:00	30 min	08:00	20:00	60 min
06:00	19:00	30 min						
19:00	22:00	60 min						

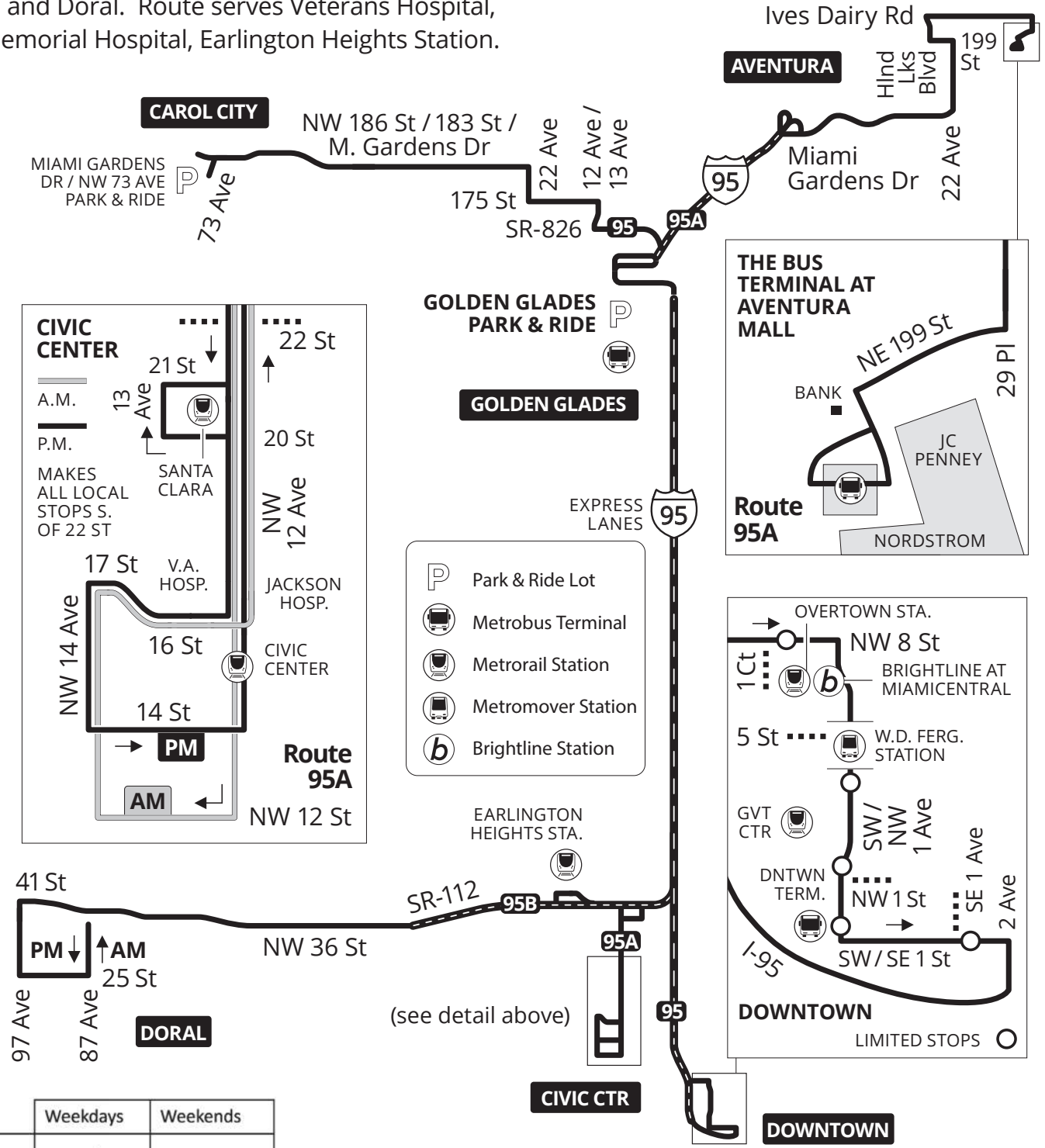




# GOLDEN GLADES EXPRESS 95

## 95/95A/95B – I-95 GOLDEN GLADES EXPRESS

Weekday peak service from Golden Glades to Downtown Miami and Civic Center with come trips serving Aventura Carol City, and Doral. Route serves Veterans Hospital, Jackson Memorial Hospital, Earlington Heights Station.



**CIVIC CENTER**

A.M. P.M.

MAKES ALL LOCAL STOPS S. OF 22 ST

13 Ave, 21 St, 22 St, 20 St, 17 St, 16 St, 14 St, NW 14 Ave, NW 12 St

SANTA CLARA, V.A. HOSP., JACKSON HOSP., CIVIC CENTER

Route 95A

AM, PM

- Park & Ride Lot
- Metrobus Terminal
- Metrorail Station
- Metromover Station
- Brightline Station

	Weekdays	Weekends
Peak Frequency	10/30	No service
Off Peak Frequency	No service	
Span of Service	5:30 AM to 9:30 AM; 2:30 PM to 6:15 PM	



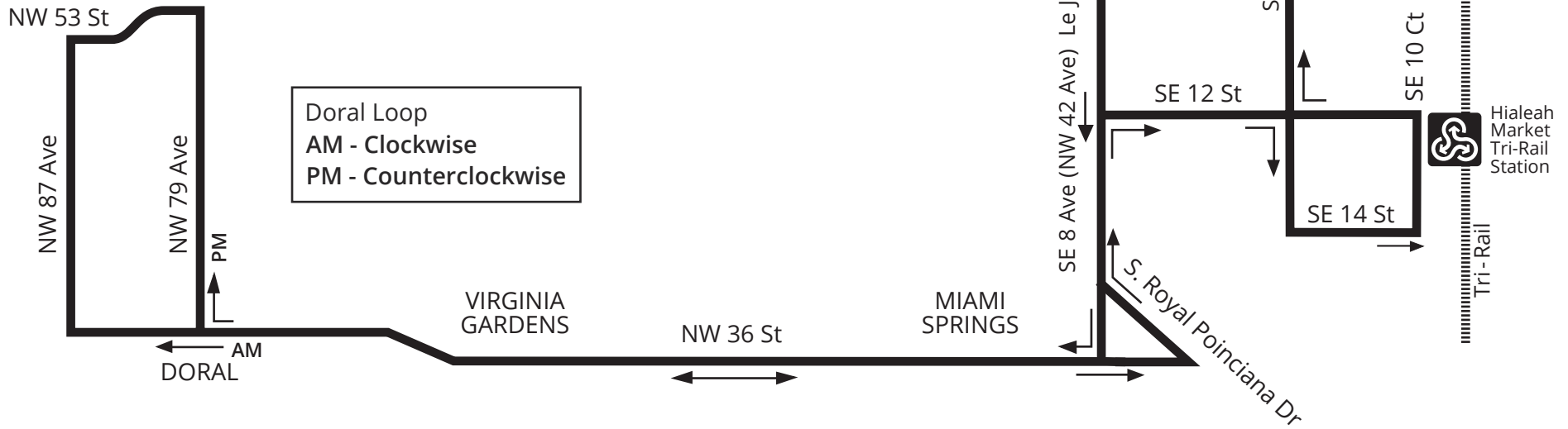
MAP NOT TO SCALE

# TRI-RAIL DORAL SHUTTLE 132

## HIALEAH MARKET TRI-RAIL STATION - DORAL VIA 36 ST

Weekday peak service from Hialeah Market Tri-Rail Station to Downtown Doral via NW 36 St. Route serves Hialeah, Miami Springs, Virginia Gardens

Weekday		
FROM	TO	EVERY
06:30	09:00	60 min
15:00	17:45	60 min



MAP NOT TO SCALE



# Doral Trolley Route Map



- Legend**
- Route One
  - Route Two
  - Route Three
  - Water
  - City Boundary
  - ★ Transfer between Route One / Route Two
  - ★ Transfer between Route One / Route Three
  - ★ Transfer between Route Two / Route Three
  - Metrorail



**Weekday Route 1  
NORTHBOUND**

Stop #	Road	Location	Nearby Landmark	B-1	B-2	B-3	B-4	B-1	B-2	B-3	B-4	B-1	B-2	B-3	B-4	B-1	B-2	B-3	B-4	B-1	Peak 1	B-2	B-3	B-4	Peak 2	B-1	Peak 1	B-2	B-3	B-4	Peak 2	B-1	B-2	B-3	B-4	B-1	B-2	B-3	B-4	B-1	B-2		
1005	NW 12 St	West of NW 10500 Blk	Miami Int'l Mall (TD Bank)			6:00 AM	6:31 AM	6:59 AM	7:30 AM	7:59 AM	8:30 AM	9:03 AM	9:35 AM	10:08 AM	10:40 AM	11:12 AM	11:44 AM	12:07 PM	12:40 PM	1:12 PM			1:44 PM	2:13 PM	2:42 PM			3:44 PM	3:59 PM	4:13 PM	4:40 PM	5:13 PM	5:37 PM	6:01 PM	6:28 PM	6:56 PM	7:20 PM	7:52 PM	8:17 PM	8:46 PM	9:08 PM	9:32 PM	9:59 PM
1006	NW 107 Ave	North of NW 12 St	Miami Int'l Mall (Mattress Firm)			6:00 AM	6:31 AM	6:59 AM	7:30 AM	8:00 AM	8:31 AM	9:04 AM	9:36 AM	10:09 AM	10:41 AM	11:13 AM	11:45 AM	12:08 PM	12:41 PM	1:13 PM			1:45 PM	2:16 PM	2:45 PM			3:45 PM	4:00 PM	4:13 PM	4:40 PM	5:13 PM	5:37 PM	6:02 PM	6:29 PM	6:57 PM	7:22 PM	7:54 PM	8:18 PM	8:47 PM	9:09 PM	9:33 PM	10:01 PM
1079	Dolphin Mall Arrival					6:07 AM	6:38 AM	7:06 AM	7:37 AM	8:06 AM	8:37 AM	9:10 AM	9:42 AM	10:16 AM	10:48 AM	11:20 AM	11:52 AM	12:15 PM	12:48 PM	1:20 PM			1:52 PM	2:23 PM	2:52 PM			3:50 PM	4:06 PM	4:20 PM	4:48 PM	5:21 PM	5:45 PM	6:10 PM	6:36 PM	7:01 PM	7:27 PM	8:01 PM	8:25 PM	8:53 PM	9:15 PM	9:39 PM	10:07 PM
1079	Dolphin Mall Departure					6:07 AM	6:38 AM	7:11 AM	7:43 AM	8:16 AM	8:48 AM	9:20 AM	9:52 AM	10:25 AM	10:58 AM	11:30 AM	12:02 PM	12:31 PM	1:00 PM	1:30 PM			2:02 PM	2:33 PM	3:07 PM			4:00 PM	4:16 PM	4:30 PM	4:58 PM	5:31 PM	5:55 PM	6:20 PM	6:46 PM	7:11 PM	7:37 PM	8:06 PM	8:33 PM	8:58 PM	9:20 PM		
1007	4004 NW 107 Ave	North of NW 14	Miami Int'l Mall (BJ's)			6:13 AM	6:44 AM	7:17 AM	7:49 AM	8:22 AM	8:54 AM	9:26 AM	9:58 AM	10:32 AM	11:05 AM	11:37 AM	12:09 PM	12:38 PM	1:07 PM	1:36 PM			2:07 PM	2:37 PM	3:11 PM			4:04 PM	4:20 PM	4:35 PM	5:05 PM	5:37 PM	6:00 PM	6:24 PM	6:51 PM	7:18 PM	7:43 PM	8:11 PM	8:39 PM	9:03 PM	9:26 PM		
1078	4005 NW 107 Ave	North of NW 16 St	Toy's r Us			6:13 AM	6:44 AM	7:17 AM	7:49 AM	8:22 AM	8:54 AM	9:26 AM	9:58 AM	10:32 AM	11:05 AM	11:37 AM	12:09 PM	12:38 PM	1:07 PM	1:36 PM			2:07 PM	2:37 PM	3:11 PM			4:05 PM	4:21 PM	4:36 PM	5:06 PM	5:38 PM	6:01 PM	6:25 PM	6:51 PM	7:19 PM	7:44 PM	8:12 PM	8:40 PM	9:04 PM	9:27 PM		
1008	4006 NW 107 Ave	North of NW 17 St	Bed Bath & Beyond Plaza			6:14 AM	6:45 AM	7:18 AM	7:50 AM	8:23 AM	8:55 AM	9:27 AM	9:59 AM	10:33 AM	11:06 AM	11:38 AM	12:10 PM	12:39 PM	1:08 PM	1:37 PM			2:08 PM	2:38 PM	3:12 PM			4:06 PM	4:22 PM	4:37 PM	5:06 PM	5:38 PM	6:01 PM	6:25 PM	6:52 PM	7:19 PM	7:44 PM	8:12 PM	8:40 PM	9:04 PM	9:27 PM		
1009	4007 NW 107 Ave	North of NW 19 St	International Corporate Park			6:15 AM	6:46 AM	7:19 AM	7:51 AM	8:24 AM	8:56 AM	9:28 AM	10:00 AM	10:33 AM	11:06 AM	11:38 AM	12:10 PM	12:39 PM	1:08 PM	1:37 PM			2:08 PM	2:38 PM	3:13 PM			4:08 PM	4:26 PM	4:42 PM	5:12 PM	5:40 PM	6:03 PM	6:26 PM	6:53 PM	7:20 PM	7:45 PM	8:13 PM	8:41 PM	9:05 PM	9:28 PM		
1010	NW 112 Ave	North of NW 25 St	Doral Academy Middle School			6:20 AM	6:51 AM	7:24 AM	7:56 AM	8:29 AM	9:01 AM	9:33 AM	10:05 AM	10:36 AM	11:09 AM	11:41 AM	12:13 PM	12:42 PM	1:11 PM	1:42 PM			2:15 PM	2:47 PM	3:21 PM		3:40 PM	4:14 PM	4:31 PM	4:46 PM	5:16 PM	5:44 PM	6:06 PM	6:28 PM	6:56 PM	7:25 PM	7:48 PM	8:15 PM	8:43 PM	9:07 PM	9:31 PM		
1011	NW 27 St	East of NW 112 Ave	Doral Academy High School			6:21 AM	6:52 AM	7:26 AM	7:58 AM	8:31 AM	9:03 AM	9:35 AM	10:07 AM	10:37 AM	11:10 AM	11:42 AM	12:14 PM	12:43 PM	1:12 PM	1:43 PM			2:17 PM	2:50 PM	3:23 PM		3:47 PM	4:16 PM	4:33 PM	4:48 PM	5:19 PM	5:45 PM	6:07 PM	6:29 PM	6:57 PM	7:29 PM	7:49 PM	8:16 PM	8:44 PM	9:08 PM	9:33 PM		
1012	NW 107 Ave	North of NW 27 St	UCASA			6:25 AM	6:56 AM	7:29 AM	8:01 AM	8:34 AM	9:06 AM	9:38 AM	10:10 AM	10:39 AM	11:12 AM	11:44 AM	12:16 PM	12:45 PM	1:14 PM	1:46 PM			2:20 PM	2:54 PM	3:27 PM		3:53 PM	4:20 PM	4:36 PM	4:51 PM	5:20 PM	5:47 PM	6:08 PM	6:30 PM	6:58 PM	7:30 PM	7:51 PM	8:18 PM	8:45 PM	9:09 PM	9:35 PM		
1013	NW 107 Ave	North of 30 Ter	Mercantile Bank (Aloft)			6:25 AM	6:56 AM	7:29 AM	8:01 AM	8:35 AM	9:07 AM	9:39 AM	10:11 AM	10:39 AM	11:12 AM	11:44 AM	12:16 PM	12:45 PM	1:14 PM	1:47 PM			2:22 PM	2:56 PM	3:29 PM		3:55 PM	4:21 PM	4:37 PM	4:52 PM	5:21 PM	5:47 PM	6:09 PM	6:31 PM	6:58 PM	7:31 PM	7:52 PM	8:19 PM	8:47 PM	9:11 PM	9:36 PM		
1014	NW 33 St	West of NW 101 Ave	Veterans' Park			6:28 AM	6:59 AM	7:32 AM	8:04 AM	8:38 AM	9:10 AM	9:42 AM	10:14 AM	10:41 AM	11:14 AM	11:46 AM	12:18 PM	12:47 PM	1:16 PM	1:49 PM			2:23 PM	2:57 PM	3:30 PM		3:56 PM	4:23 PM	4:39 PM	4:54 PM	5:24 PM	5:49 PM	6:11 PM	6:33 PM	7:00 PM	7:34 PM	7:54 PM	8:21 PM	8:48 PM	9:12 PM	9:38 PM		
1015	NW 33 St	East of NW 98 Pl	Costa Verde			6:29 AM	7:00 AM	7:33 AM	8:05 AM	8:38 AM	9:10 AM	9:42 AM	10:14 AM	10:42 AM	11:15 AM	11:47 AM	12:19 PM	12:48 PM	1:17 PM	1:50 PM			2:24 PM	2:58 PM	3:31 PM		3:57 PM	4:24 PM	4:40 PM	4:55 PM	5:24 PM	5:49 PM	6:11 PM	6:33 PM	7:01 PM	7:35 PM	7:55 PM	8:22 PM	8:49 PM	9:13 PM	9:39 PM		
1016	NW 97 Ave	North of NW 33 St	Costa del Sol			6:30 AM	7:01 AM	7:34 AM	8:06 AM	8:40 AM	9:12 AM	9:44 AM	10:16 AM	10:43 AM	11:16 AM	11:48 AM	12:20 PM	12:49 PM	1:18 PM	1:52 PM			2:26 PM	3:00 PM	3:33 PM		3:59 PM	4:25 PM	4:42 PM	4:57 PM	5:28 PM	5:53 PM	6:14 PM	6:36 PM	7:03 PM	7:36 PM	7:57 PM	8:24 PM	8:50 PM	9:14 PM	9:40 PM		
1017	NW 97 Ave	North of NW 40 St/Rd	Millenia Atlantic University			6:31 AM	7:02 AM	7:35 AM	8:07 AM	8:41 AM	9:13 AM	9:45 AM	10:17 AM	10:44 AM	11:17 AM	11:49 AM	12:21 PM	12:50 PM	1:19 PM	1:52 PM			2:27 PM	3:01 PM	3:34 PM		4:00 PM	4:26 PM	4:43 PM	4:59 PM	5:30 PM	5:54 PM	6:15 PM	6:36 PM	7:04 PM	7:37 PM	7:57 PM	8:24 PM	8:51 PM	9:15 PM	9:41 PM		
1018	NW 97 Ave	North of NW 41 St	Doral Center (Walgreens)			6:33 AM	7:04 AM	7:37 AM	8:09 AM	8:43 AM	9:15 AM	9:47 AM	10:19 AM	10:46 AM	11:19 AM	11:51 AM	12:23 PM	12:52 PM	1:21 PM	1:53 PM			2:29 PM	3:05 PM	3:36 PM		4:01 PM	4:27 PM	4:45 PM	5:01 PM	5:33 PM	5:56 PM	6:17 PM	6:37 PM	7:05 PM	7:38 PM	7:58 PM	8:25 PM	8:52 PM	9:16 PM	9:42 PM		
1019	NW 97 Ave	North of NW 46 Ln	Gold Vue Estates			6:34 AM	7:05 AM	7:38 AM	8:10 AM	8:44 AM	9:16 AM	9:48 AM	10:20 AM	10:47 AM	11:20 AM	11:52 AM	12:24 PM	12:53 PM	1:22 PM	1:54 PM			2:31 PM	3:06 PM	3:37 PM		4:02 PM	4:28 PM	4:46 PM	5:02 PM	5:34 PM	5:57 PM	6:17 PM	6:38 PM	7:05 PM	7:38 PM	7:58 PM	8:25 PM	8:52 PM	9:16 PM	9:42 PM		
1020	NW 52 St	West of NW 99 Ave	Doral Oaks			6:36 AM	7:07 AM	7:40 AM	8:12 AM	8:46 AM	9:18 AM	9:50 AM	10:22 AM	10:49 AM	11:22 AM	11:54 AM	12:26 PM	12:55 PM	1:24 PM	1:56 PM			2:32 PM	3:07 PM	3:39 PM		4:04 PM	4:30 PM	4:48 PM	5:05 PM	5:38 PM	6:00 PM	6:20 PM	6:40 PM	7:07 PM	7:40 PM	8:00 PM	8:27 PM	8:54 PM	9:18 PM	9:44 PM		
1021	NW 52 St	West of NW 102 Ave	Doral Park			6:38 AM	7:09 AM	7:42 AM	8:14 AM	8:47 AM	9:19 AM	9:51 AM	10:23 AM	10:50 AM	11:23 AM	11:55 AM	12:27 PM	12:56 PM	1:25 PM	1:56 PM			2:33 PM	3:10 PM	3:41 PM		4:06 PM	4:31 PM	4:49 PM	5:05 PM	5:38 PM	6:00 PM	6:20 PM	6:40 PM	7:07 PM	7:40 PM	8:01 PM	8:28 PM	8:55 PM	9:18 PM	9:45 PM		
1022	NW 52 St	West of NW 104 Ave	John L. Smith K-8 Center			6:40 AM	7:11 AM	7:44 AM	8:16 AM	8:49 AM	9:21 AM	9:53 AM	10:25 AM	10:52 AM	11:25 AM	11:57 AM	12:29 PM	12:58 PM	1:27 PM	1:58 PM			2:35 PM	3:12 PM	3:43 PM		4:08 PM	4:33 PM	4:51 PM	5:07 PM	5:40 PM	6:01 PM	6:21 PM	6:41 PM	7:08 PM	7:41 PM	8:02 PM	8:29 PM	8:56 PM	9:19 PM	9:46 PM		
1023	NW 52 St	West of NW 106 Ave	Doral Sands			6:40 AM	7:11 AM	7:44 AM	8:16 AM	8:50 AM	9:22 AM	9:54 AM	10:26 AM	10:52 AM	11:25 AM	11:57 AM	12:29 PM	12:58 PM	1:27 PM	1:59 PM			2:37 PM	3:14 PM	3:44 PM		4:08 PM	4:33 PM	4:51 PM	5:07 PM	5:40 PM	6:01 PM	6:21 PM	6:41 PM	7:08 PM	7:41 PM	8:02 PM	8:29 PM	8:56 PM	9:19 PM	9:46 PM		
1024	NW 107 Ave	North of 50 St	Doral Terrace			6:44 AM	7:15 AM	7:48 AM	8:20 AM	8:53 AM	9:25 AM	9:57 AM	10:29 AM	10:54 AM	11:27 AM	11:59 AM	12:31 PM	1:00 PM	1:29 PM	2:00 PM			2:37 PM	3:14 PM	3:45 PM		4:10 PM	4:35 PM	4:53 PM	5:09 PM	5:41 PM	6:03 PM	6:23 PM	6:43 PM	7:09 PM	7:42 PM	8:03 PM	8:31 PM	8:57 PM	9:20 PM	9:47 PM		
1025	NW 50 St	East of 109 Ave	Doral Terrace			6:45 AM	7:16 AM	7:49 AM	8:21 AM	8:54 AM	9:26 AM	9:58 AM	10:30 AM	10:54 AM	11:27 AM	11:59 AM	12:31 PM	1:00 PM	1:29 PM	2:00 PM			2:38 PM	3:15 PM	3:46 PM		4:11 PM	4:36 PM	4:54 PM	5:10 PM	5:42 PM	6:04 PM	6:24 PM	6:44 PM	7:11 PM	7:44 PM	8:04 PM	8:31 PM	8:58 PM	9:21 PM	9:48 PM		
1026	NW 50 St	East of NW 112 Ave	Doral Middle School			6:46 AM	7:17 AM	7:50 AM	8:22 AM	8:55 AM	9:27 AM	9:59 AM	10:31 AM	10:55 AM	11:28 AM	12:00 PM	12:32 PM	1:01 PM	1:30 PM	2:01 PM			2:39 PM	3:17 PM	3:48 PM		4:13 PM	4:38 PM	4:55 PM	5:11 PM	5:43 PM	6:05 PM	6:25 PM	6:45 PM	7:11 PM	7:44 PM	8:05 PM	8:32 PM	8:58 PM	9:21 PM	9:49 PM		
1027	3020 NW 114 Ave	North of NW 50 St	Doral Landings			6:48 AM	7:19 AM	7:52 AM	8:24 AM	8:57 AM	9:29 AM	10:01 AM	10:33 AM	10:57 AM	11:30 AM	12:02 PM	12:34 PM	1:03 PM	1:32 PM	2:04 PM			2:42 PM	3:19 PM	3:49 PM		4:14 PM	4:39 PM	4:57 PM	5:13 PM	5:45 PM	6:07 PM	6:26 PM	6:46 PM	7:14 PM	7:47 PM	8:07 PM	8:34 PM	9:00 PM	9:23 PM	9:51 PM		
1028	3021 NW 114 Ave	South of NW 55 St	Las Cascadas			6:49 AM	7:20 AM	7:53 AM	8:25 AM	8:58 AM	9:30 AM	10:02 AM	10:34 AM	10:58 AM	11:31 AM	12:03 PM	12:35 PM	1:04 PM	1:33 PM	2:05 PM			2:42 PM	3:19 PM	3:49 PM		4:14 PM	4:39 PM	4:57 PM	5:13 PM	5:46 PM	6:07 PM	6:27 PM	6:47 PM	7:14 PM	7:47 PM	8:08 PM	8:35 PM	9:01 PM	9:23 PM	9:52 PM		
1029	3022 NW 114 Ave	North of NW 58 St	E. B. Thomas K-8 Center			6:50 AM	7:21 AM	7:54 AM	8:26 AM	9:00 AM	9:32 AM	10:04 AM	10:36 AM	10:59 AM	11:32 AM	12:04 PM	12:36 PM	1:05 PM	1:34 PM	2:06 PM			2:46 PM	3:23 PM	3:52 PM		4:16 PM	4:40 PM	4:58 PM	5:15 PM	5:48 PM	6:09 PM	6:29 PM	6:48 PM	7:15 PM	7:48 PM	8:09 PM	8:36 PM	9:02 PM	9:25 PM	9:53 PM		
1030	3023 NW 114 Ave	North of NW 60 St	Doral Isles			6:51 AM	7:22 AM	7:55 AM	8:27 AM	9:01 AM	9:33 AM	10:05 AM	10:37 AM	10:59 AM	11:32 AM	12:04 PM	12:36 PM	1:05 PM	1:34 PM	2:10 PM			2:48 PM	3:25 PM	3:53 PM		4:17 PM	4:41 PM	4:59 PM	5:15 PM	5:48 PM	6:09 PM	6:29 PM	6:49 PM	7:16 PM	7:49 PM	8:10 PM	8:36 PM	9:02 PM	9:25 PM	9:53 PM		

Weekday Route 1 SOUTHBOUND

Stop #	Road	Location	Nearby Landmark	B-1	B-2	B-3	B-4	B-1	B-2	B-3	B-4	B-1	B-2	B-3	B-4	B-1	B-2	B-3	B-4	Peak 1	B-2	B-3	B-4	Peak 2	B-1	Peak 1	B-2	B-3	B-4	Peak 2	B-1	B-2	B-3	B-4	B-1	B-2	B-3	B-4		
1039	3032	NW 109 Ave	South of NW 90 St	Ibis Villas		6:59 AM	7:30 AM	8:03 AM	8:35 AM	9:08 AM	9:40 AM	10:12 AM	10:44 AM	11:06 AM	11:39 AM	12:11 PM	12:43 PM	1:12 PM	1:41 PM	2:23 PM		3:00 PM	3:36 PM	4:03 PM	4:26 PM	4:50 PM	5:08 PM	5:25 PM	5:59 PM	6:19 PM	6:38 PM	6:57 PM	7:25 PM	7:59 PM	8:19 PM	8:44 PM	9:09 PM	9:31 PM	10:03 PM	
1040	3033	NW 88 St	East of NW 109 Ave	Ronald Reagan High School	6:00 AM	6:31 AM	7:00 AM	7:31 AM	8:04 AM	8:36 AM	9:09 AM	9:41 AM	10:13 AM	10:45 AM	11:07 AM	11:40 AM	12:12 PM	12:44 PM	1:13 PM	1:42 PM	2:27 PM	2:45 PM	3:02 PM	3:37 PM	4:04 PM	4:27 PM	4:51 PM	5:09 PM	5:26 PM	6:00 PM	6:20 PM	6:38 PM	6:57 PM	7:25 PM	8:00 PM	8:19 PM	8:44 PM	9:10 PM	9:32 PM	10:04 PM
1041	3034	NW 88 St	West of NW 107 Ave	Ronald Reagan High School	6:00 AM	6:31 AM	7:01 AM	7:32 AM	8:05 AM	8:37 AM	9:10 AM	9:42 AM	10:14 AM	10:46 AM	11:08 AM	11:41 AM	12:13 PM	12:45 PM	1:14 PM	1:43 PM	2:31 PM	2:47 PM	3:04 PM	3:37 PM	4:05 PM	4:28 PM	4:52 PM	5:27 PM	6:00 PM	6:21 PM	6:58 PM	7:27 PM	8:01 PM	8:21 PM	8:45 PM	9:11 PM				
1042	3035	NW 107 Ave	South of NW 86 St	Islands of Doral	6:02 AM	6:33 AM	7:02 AM	7:33 AM	8:06 AM	8:38 AM	9:11 AM	9:43 AM	10:15 AM	10:47 AM	11:09 AM	11:42 AM	12:14 PM	12:46 PM	1:15 PM	1:44 PM	2:37 PM	2:53 PM	3:09 PM	3:41 PM	4:07 PM	4:30 PM	4:53 PM	5:28 PM	6:01 PM	6:23 PM	7:00 PM	7:28 PM	8:02 PM	8:22 PM	8:47 PM	9:12 PM				
1043	3036	NW 107 Ave	South of NW 83 St	Leeward	6:02 AM	6:33 AM	7:03 AM	7:34 AM	8:07 AM	8:39 AM	9:12 AM	9:44 AM	10:16 AM	10:48 AM	11:09 AM	11:42 AM	12:14 PM	12:46 PM	1:15 PM	1:44 PM	2:38 PM	2:54 PM	3:10 PM	3:42 PM	4:09 PM	4:32 PM	4:55 PM	5:29 PM	6:02 PM	6:24 PM	7:01 PM	7:29 PM	8:02 PM	8:23 PM	8:48 PM	9:13 PM				
1045		NW 82 St	West of NW 109 Ave	The Promenade	6:05 AM	6:36 AM	7:05 AM	7:36 AM	8:09 AM	8:41 AM	9:14 AM	9:46 AM	10:18 AM	10:50 AM	11:10 AM	11:43 AM	12:15 PM	12:47 PM	1:16 PM	1:45 PM	2:40 PM	2:55 PM	3:12 PM	3:43 PM	4:10 PM	4:33 PM	4:56 PM	5:30 PM	6:03 PM	6:26 PM	7:03 PM	7:31 PM	8:04 PM	8:24 PM	8:49 PM	9:15 PM				
1046		NW 82 St	East of NW 112 Ave	The Promenade	6:05 AM	6:36 AM	7:06 AM	7:37 AM	8:10 AM	8:42 AM	9:15 AM	9:47 AM	10:19 AM	10:51 AM	11:31 AM	11:44 AM	12:16 PM	12:48 PM	1:17 PM	1:46 PM	2:43 PM	2:58 PM	3:13 PM	3:43 PM	4:10 PM	4:33 PM	4:57 PM	5:31 PM	6:04 PM	6:26 PM	7:03 PM	7:31 PM	8:05 PM	8:25 PM	8:50 PM	9:15 PM				
1047		NW 114 Ave	South of NW 82 St	Doral Legacy Park	6:07 AM	6:38 AM	7:07 AM	7:38 AM	8:11 AM	8:43 AM	9:17 AM	9:49 AM	10:21 AM	10:53 AM	11:12 AM	11:45 AM	12:17 PM	12:49 PM	1:18 PM	1:47 PM	2:45 PM	3:00 PM	3:15 PM	3:45 PM	4:12 PM	4:35 PM	4:58 PM	5:32 PM	6:05 PM	6:27 PM	7:05 PM	7:32 PM	8:05 PM	8:26 PM	8:51 PM	9:16 PM				
1048		NW 114 Ave	South of NW 77 Ln	Windward at Doral	6:08 AM	6:39 AM	7:09 AM	7:40 AM	8:13 AM	8:45 AM	9:18 AM	9:50 AM	10:22 AM	10:54 AM	11:13 AM	11:46 AM	12:18 PM	12:50 PM	1:19 PM	1:48 PM	2:46 PM	3:01 PM	3:16 PM	3:45 PM	4:12 PM	4:35 PM	4:59 PM	5:33 PM	6:06 PM	6:28 PM	7:05 PM	7:33 PM	8:06 PM	8:27 PM	8:52 PM	9:17 PM				
1049		NW 114 Ave	North of NW 72 St	Barbados	6:10 AM	6:41 AM	7:10 AM	7:41 AM	8:14 AM	8:46 AM	9:20 AM	9:52 AM	10:24 AM	10:56 AM	11:15 AM	11:48 AM	12:20 PM	12:52 PM	1:21 PM	1:50 PM	2:49 PM	3:03 PM	3:19 PM	3:47 PM	4:16 PM	4:39 PM	5:03 PM	5:36 PM	6:08 PM	6:30 PM	7:06 PM	7:34 PM	8:08 PM	8:29 PM	8:54 PM	9:19 PM				
1050		NW 114 Ave	North of NW 68 St	St. Lucia	6:10 AM	6:41 AM	7:11 AM	7:42 AM	8:15 AM	8:47 AM	9:20 AM	9:52 AM	10:24 AM	10:56 AM	11:15 AM	11:48 AM	12:20 PM	12:52 PM	1:21 PM	1:50 PM	2:51 PM	3:05 PM	3:19 PM	3:47 PM	4:16 PM	4:40 PM	5:04 PM	5:37 PM	6:09 PM	6:30 PM	7:06 PM	7:34 PM	8:08 PM	8:29 PM	8:54 PM	9:19 PM				
1051		NW 114 Ave	North of NW 62 Ter	The Courts	6:11 AM	6:42 AM	7:11 AM	7:42 AM	8:15 AM	8:47 AM	9:21 AM	9:53 AM	10:25 AM	10:57 AM	11:16 AM	11:49 AM	12:21 PM	12:53 PM	1:22 PM	1:51 PM	2:52 PM	3:06 PM	3:20 PM	3:48 PM	4:17 PM	4:41 PM	5:05 PM	5:38 PM	6:09 PM	6:31 PM	7:07 PM	7:35 PM	8:09 PM	8:30 PM	8:55 PM	9:20 PM				
1052		NW 114 Ave	North of NW 58 St	E. B. Thomas K-8 Center	6:12 AM	6:43 AM	7:12 AM	7:43 AM	8:16 AM	8:48 AM	9:22 AM	9:54 AM	10:26 AM	10:58 AM	11:16 AM	11:49 AM	12:21 PM	12:53 PM	1:22 PM	1:51 PM	2:53 PM	3:07 PM	3:22 PM	3:50 PM	4:18 PM	4:42 PM	5:06 PM	5:39 PM	6:11 PM	6:32 PM	7:08 PM	7:36 PM	8:09 PM	8:30 PM	8:56 PM	9:20 PM				
1053		NW 114 Ave	South of NW 57 St	Brisas of Doral	6:13 AM	6:44 AM	7:13 AM	7:44 AM	8:17 AM	8:49 AM	9:23 AM	9:55 AM	10:27 AM	10:59 AM	11:18 AM	11:51 AM	12:23 PM	12:55 PM	1:24 PM	1:53 PM	2:55 PM	3:09 PM	3:24 PM	3:52 PM	4:20 PM	4:43 PM	5:06 PM	5:40 PM	6:12 PM	6:33 PM	7:08 PM	7:36 PM	8:10 PM	8:31 PM	8:57 PM	9:21 PM				
1054		NW 114 Ave	South of NW 51 Ter	Doral Landings	6:14 AM	6:45 AM	7:15 AM	7:46 AM	8:19 AM	8:51 AM	9:24 AM	9:56 AM	10:28 AM	11:00 AM	11:19 AM	11:52 AM	12:24 PM	12:56 PM	1:25 PM	1:54 PM	2:57 PM	3:11 PM	3:25 PM	3:52 PM	4:20 PM	4:43 PM	5:07 PM	5:41 PM	6:14 PM	6:35 PM	7:10 PM	7:38 PM	8:11 PM	8:32 PM	8:58 PM	9:23 PM				
1080		NW 114 Ave	South of NW 50 St	Trails and Tails Park	6:15 AM	6:46 AM	7:16 AM	7:47 AM	8:19 AM	8:51 AM	9:25 AM	9:57 AM	10:29 AM	11:01 AM	11:20 AM	11:53 AM	12:25 PM	12:57 PM	1:26 AM	1:55 PM	2:57 PM	3:11 PM	3:26 PM	3:53 PM	4:22 PM	4:45 PM	5:08 PM	5:42 PM	6:14 PM	6:35 PM	7:10 PM	7:38 PM	8:11 PM	8:32 PM	8:58 PM	9:23 PM				
1081		NW 114 Ave	North of NW 44 St	Camden Doral Villas	6:15 AM	6:46 AM	7:16 AM	7:47 AM	8:20 AM	8:52 AM	9:25 AM	9:57 AM	10:29 AM	11:01 AM	11:20 AM	11:53 AM	12:25 PM	12:57 PM	1:26 PM	1:55 PM	2:58 PM	3:12 PM	3:26 PM	3:53 PM	4:22 PM	4:45 PM	5:09 PM	5:43 PM	6:15 PM	6:36 PM	7:11 PM	7:39 PM	8:12 PM	8:33 PM	8:59 PM	9:24 PM				
1082	2029	NW 41 St	East of NW 114 Ave	The Imagination Factory Preschool	6:18 AM	6:49 AM	7:19 AM	7:50 AM	8:23 AM	8:55 AM	9:28 AM	10:00 AM	10:32 AM	11:04 AM	11:23 AM	11:56 AM	12:28 PM	1:00 PM	1:29 PM	1:58 PM	3:01 PM	3:15 PM	3:30 PM	3:57 PM	4:26 PM	4:50 PM	5:14 PM	5:47 PM	6:18 PM	6:39 PM	7:13 PM	7:41 PM	8:14 PM	8:35 PM	9:01 PM	9:26 PM				
1083		NW 112 Ave	South of NW 42 Terr		6:21 AM	6:52 AM	7:21 AM	7:52 AM	8:25 AM	8:57 AM	9:31 AM	10:03 AM	10:35 AM	11:07 AM	11:25 AM	11:58 AM	12:30 PM	1:02 PM	1:31 PM	2:00 PM	3:02 PM	3:16 PM	3:30 PM	3:57 PM	4:27 PM	4:51 PM	5:15 PM	5:49 PM	6:21 PM	6:41 PM	7:15 PM	7:42 PM	8:15 PM	8:36 PM	9:02 PM	9:27 PM				
1084		NW 112 Ave	South of NW 48 Ln	Costa Bella	6:21 AM	6:52 AM	7:22 AM	7:53 AM	8:26 AM	8:58 AM	9:31 AM	10:03 AM	10:35 AM	11:07 AM	11:26 AM	11:59 AM	12:31 PM	1:03 PM	1:32 PM	2:01 PM	3:03 PM	3:17 PM	3:31 PM	3:58 PM	4:28 PM	4:52 PM	5:16 PM	5:50 PM	6:22 PM	6:41 PM	7:15 PM	7:42 PM	8:15 PM	8:36 PM	9:03 PM	9:27 PM				
1055		NW 50 St	East of NW 112 Ave	Doral Middle School	6:22 AM	6:53 AM	7:23 AM	7:54 AM	8:27 AM	8:59 AM	9:32 AM	10:04 AM	10:36 AM	11:08 AM	11:27 AM	12:00 PM	12:32 PM	1:04 PM	1:33 PM	2:02 PM	3:03 PM	3:17 PM	3:31 PM	3:58 PM	4:28 PM	4:52 PM	5:17 PM	5:50 PM	6:22 PM	6:42 PM	7:16 PM	7:43 PM	8:16 PM	8:37 PM	9:04 PM	9:28 PM				
1056		NW 109 Ave	South of 51 Way	Doral Terrace	6:24 AM	6:55 AM	7:24 AM	7:55 AM	8:28 AM	9:00 AM	9:34 AM	10:06 AM	10:38 AM	11:10 AM	11:28 AM	12:01 PM	12:33 PM	1:05 PM	1:34 PM	2:03 PM	3:04 PM	3:18 PM	3:33 PM	4:00 PM	4:30 PM	4:54 PM	5:18 PM	5:51 PM	6:23 PM	6:43 PM	7:17 PM	7:44 PM	8:17 PM	8:38 PM	9:05 PM	9:29 PM				
1057		NW 109 Ave	South of NW 58 St	Costa Linda	6:25 AM	6:56 AM	7:25 AM	7:56 AM	8:29 AM	9:01 AM	9:34 AM	10:06 AM	10:38 AM	11:10 AM	11:29 AM	12:02 PM	12:34 PM	1:06 PM	1:35 PM	2:04 PM	3:05 PM	3:19 PM	3:34 PM	4:02 PM	4:31 PM	4:55 PM	5:19 PM	5:52 PM	6:24 PM	6:44 PM	7:18 PM	7:45 PM	8:18 PM	8:39 PM	9:05 PM	9:30 PM				
1058		NW 107 Ave	South of NW 58 St	Delia Plaza (Sedano's)	6:27 AM	6:58 AM	7:28 AM	7:59 AM	8:32 AM	9:04 AM	9:37 AM	10:09 AM	10:41 AM	11:13 AM	11:31 AM	12:04 PM	12:36 PM	1:08 PM	1:37 PM	2:06 PM	3:09 PM	3:23 PM	3:37 PM	4:04 PM	4:34 PM	4:58 PM	5:22 PM	5:55 PM	6:27 PM	6:48 PM	7:20 PM	7:48 PM	8:20 PM	8:41 PM	9:07 PM	9:32 PM				
1059		NW 52 St	East of NW 107 Ave	Doral Sands	6:29 AM	7:00 AM	7:29 AM	8:00 AM	8:33 AM	9:05 AM	9:38 AM	10:10 AM	10:42 AM	11:14 AM	11:32 AM	12:05 PM	12:37 PM	1:09 PM	1:38 PM	2:07 PM	3:11 PM	3:25 PM	3:39 PM	4:05 PM	4:35 PM	4:59 PM	5:23 PM	5:56 PM	6:28 PM	6:49 PM	7:22 PM	7:49 PM	8:21 PM	8:42 PM	9:08 PM	9:34 PM				
1060		NW 52 St	East of NW 104 Ct	Doral Palms	6:30 AM	7:01 AM	7:30 AM	8:01 AM	8:34 AM	9:06 AM	9:40 AM	10:12 AM	10:44 AM	11:16 AM	11:33 AM	12:06 PM	12:38 PM	1:10 PM	1:39 PM	2:08 PM	3:12 PM	3:26 PM	3:40 PM	4:06 PM	4:36 PM	5:00 PM	5:24 PM	5:57 PM	6:29 PM	6:50 PM	7:22 PM	7:49 PM	8:22 PM	8:42 PM	9:08 PM	9:34 PM				
1061		NW 52 St	West of NW 104 Ave	John I. Smith K-8 Center	6:30 AM	7:01 AM	7:31 AM	8:02 AM	8:35 AM	9:07 AM	9:40 AM	10:12 AM	10:44 AM	11:16 AM	11:34 AM	12:07 PM	12:39 PM	1:11 PM	1:40 PM	2:09 PM	3:13 PM	3:26 PM	3:40 PM	4:06 PM	4:36 PM	5:00 PM	5:24 PM	5:57 PM	6:30 PM	6:51 PM	7:23 PM	7:50 PM	8:22 PM	8:43 PM	9:09 PM	9:35 PM				
1062		NW 52 St	West of NW 102 Pl	Morgan Leavy Park	6:31 AM	7:02 AM	7:31 AM	8:02 AM	8:35 AM	9:07 AM	9:41 AM	10:13 AM	10:45 AM	11:17 AM	11:34 AM	12:07 PM	12:39 PM	1:11 PM	1:40 PM	2:09 PM	3:14 PM	3:27 PM	3:41 PM	4:07 PM	4:37 PM	5:01 PM	5:25 PM	5:58 PM	6:30 PM	6:51 PM	7:23 PM	7:50 PM	8:23 PM	8:43 PM	9:09 PM	9:35 PM				
1063		NW 52 St	East of NW 99 Ave	Doral Lakes	6:32 AM	7:03 AM	7:32 AM	8:03 AM	8:36 AM	9:08 AM	9:42 AM	10:14 AM	10:46 AM	11:18 AM	11:36 AM	12:09 PM	12:41 PM	1:13 PM	1:42 PM	2:11 PM	3:16 PM	3:29 PM	3:43 PM	4:09 PM	4:38 PM	5:02 PM	5:26 PM	5:59 PM	6:31 PM	6:52 PM	7:25 PM	7:52 PM	8:24 PM	8:44 PM	9:10 PM	9:36 PM				
1064		NW 97 Ave	South of NW 46 Ln	The Greens at Doral	6:34 AM	7:05 AM	7:35 AM	8:06 AM	8:39 AM	9:11 AM	9:44 AM	10:16 AM	10:48 AM	11:20 AM	11:38 AM	12:11 PM	12:43 PM	1:15 PM	1:44 PM	2:13 PM	3:17 PM	3:30 PM	3:44 PM	4:10 PM	4:40 PM	5:04 PM	5:28 PM	6:00 PM	6:32 PM	6:56 PM	7:28 PM	7:55 PM	8:26 PM	8:46 PM	9:12 PM	9:38 PM				
1065		NW 97 Ave	North of NW 41 St	Doral Plaza (Starbucks)	6:35 AM	7:06 AM	7:35 AM	8:06 AM	8:39 AM	9:11 AM	9:45 AM	10:17 AM	10:49 AM	11:21 AM	11:38 AM	12:11 PM	12:43 PM	1:15 PM	1:44 PM	2:13 PM	3:18 PM	3:31 PM	3:45 PM	4:																

**Doral Trolley Route 2 Weekday Schedule**

Direction	Stop	Road	Location	Nearby Landmark	B-1	B-2	B-1	B-2	B-1	B-2	B-1	B-2	B-1	B-2	B-1	B-2	B-1	B-2	B-1	B-2	B-1	B-2
SB	2001	NW 79 Pl	NW 77 St	MetroRail Station	6:14 AM	6:59 AM	7:39 AM	8:49 AM	9:29 AM	10:19 AM	10:54 AM	11:46 AM	12:23 PM	1:09 PM	1:54 PM	2:40 PM	3:24 PM	4:24 PM	5:09 PM	6:15 PM	6:53 PM	7:59 PM
	2002	NW 87 Ave	South of NW 58 St		6:24 AM	7:10 AM	7:50 AM	8:59 AM	9:39 AM	10:29 AM	11:04 AM	11:56 AM	12:33 PM	1:19 PM	2:04 PM	2:50 PM	3:34 PM	4:35 PM	5:19 PM	6:25 PM	7:03 PM	8:09 PM
	2003	NW 53 St	East of NW 87 Ave		6:25 AM	7:12 AM	7:52 AM	9:00 AM	9:41 AM	10:31 AM	11:05 AM	11:57 AM	12:35 PM	1:21 PM	2:05 PM	2:52 PM	3:36 PM	4:36 PM	5:21 PM	6:27 PM	7:05 PM	8:11 PM
	2004	NW 53 St	East of NW 84 Ave	Downtown Doral Charter Elementary	6:26 AM	7:13 AM	7:53 AM	9:01 AM	9:42 AM	10:32 AM	11:06 AM	11:58 AM	12:36 PM	1:22 PM	2:06 PM	2:53 PM	3:37 PM	4:37 PM	5:22 PM	6:28 PM	7:06 PM	8:12 PM
	2005	NW 53 St	East o NW 52 Terr		6:26 AM	7:13 AM	7:53 AM	9:02 AM	9:42 AM	10:32 AM	11:06 AM	11:59 AM	12:36 PM	1:22 PM	2:06 PM	2:53 PM	3:37 PM	4:38 PM	5:22 PM	6:28 PM	7:06 PM	8:12 PM
	2006	NW 53 St	West of 8100	Cordoba	6:28 AM	7:14 AM	7:55 AM	9:03 AM	9:43 AM	10:33 AM	11:08 AM	12:00 PM	12:37 PM	1:23 PM	2:08 PM	2:54 PM	3:39 PM	4:39 PM	5:23 PM	6:29 PM	7:07 PM	8:13 PM
	2007	NW 79 Ave	South of NW 50 St	Doral Gardens II	6:29 AM	7:16 AM	7:56 AM	9:04 AM	9:45 AM	10:35 AM	11:09 AM	12:01 PM	12:39 PM	1:25 PM	2:09 PM	2:56 PM	3:41 PM	4:41 PM	5:25 PM	6:31 PM	7:09 PM	8:15 PM
	2008	NW 79 Ave	South of NW 48 Way	Doral Gardens II	6:30 AM	7:17 AM	7:57 AM	9:05 AM	9:45 AM	10:36 AM	11:10 AM	12:02 PM	12:39 PM	1:26 PM	2:10 PM	2:57 PM	3:42 PM	4:42 PM	5:26 PM	6:32 PM	7:09 PM	8:16 PM
	2009	NW 79 Ave	South of NW 46 St	Doral Gardens I	6:31 AM	7:18 AM	7:58 AM	9:06 AM	9:46 AM	10:36 AM	11:11 AM	12:03 PM	12:40 PM	1:26 PM	2:11 PM	2:58 PM	3:43 PM	4:43 PM	5:27 PM	6:33 PM	7:10 PM	8:16 PM
	2010	NW 79 Ave	North of NW 41 St		6:31 AM	7:19 AM	7:59 AM	9:07 AM	9:47 AM	10:37 AM	11:11 AM	12:04 PM	12:41 PM	1:27 PM	2:11 PM	3:00 PM	3:44 PM	4:44 PM	5:28 PM	6:35 PM	7:11 PM	8:17 PM
	2011	NW 79 Ave	North of NW 36 St	Peruvian Fresh Express	6:32 AM	7:20 AM	8:00 AM	9:07 AM	9:48 AM	10:38 AM	11:12 AM	12:04 PM	12:42 PM	1:28 PM	2:12 PM	3:01 PM	3:45 PM	4:45 PM	5:29 PM	6:36 PM	7:12 PM	8:18 PM
	2012	NW 79 Ave	South of NW 37 St	Hampton Inn	6:33 AM	7:20 AM	8:01 AM	9:08 AM	9:48 AM	10:39 AM	11:13 AM	12:05 PM	12:42 PM	1:29 PM	2:13 PM	3:01 PM	3:45 PM	4:46 PM	5:30 PM	6:36 PM	7:12 PM	8:19 PM
	2013	NW 79 Ave	North of NW 33 St		6:34 AM	7:21 AM	8:01 AM	9:09 AM	9:49 AM	10:39 AM	11:14 AM	12:06 PM	12:43 PM	1:29 PM	2:14 PM	3:02 PM	3:46 PM	4:46 PM	5:30 PM	6:37 PM	7:13 PM	8:19 PM
	2063	NW 79 Ave	North of NW 29 St	Doral Décor District	6:35 AM	7:22 AM	8:02 AM	9:10 AM	9:50 AM	10:40 AM	11:15 AM	12:07 PM	12:44 PM	1:30 PM	2:15 PM	3:02 PM	3:47 PM	4:47 PM	5:31 PM	6:37 PM	7:14 PM	8:20 PM
	2064	NW 79 Ave	North of NW 25 St	Jackson West Medical Center	6:36 AM	7:23 AM	8:03 AM	9:11 AM	9:51 AM	10:41 AM	11:16 AM	12:08 PM	12:45 PM	1:31 PM	2:16 PM	3:03 PM	3:47 PM	4:48 PM	5:32 PM	6:38 PM	7:15 PM	8:21 PM
	2065	NW 82 Ave	North of NW 27 St		6:38 AM	7:24 AM	8:05 AM	9:13 AM	9:53 AM	10:43 AM	11:18 AM	12:10 PM	12:47 PM	1:33 PM	2:18 PM	3:05 PM	3:49 PM	4:49 PM	5:34 PM	6:40 PM	7:17 PM	8:23 PM
	2066	NW 82 Ave	South of NW 31 St		6:39 AM	7:25 AM	8:06 AM	9:14 AM	9:54 AM	10:44 AM	11:19 AM	12:11 PM	12:48 PM	1:34 PM	2:19 PM	3:06 PM	3:50 PM	4:50 PM	5:35 PM	6:41 PM	7:18 PM	8:24 PM
	2014	NW 33 St	West of NW 82 Ave	Oasis	6:39 AM	7:26 AM	8:07 AM	9:15 AM	9:55 AM	10:45 AM	11:19 AM	12:12 PM	12:49 PM	1:35 PM	2:19 PM	3:07 PM	3:51 PM	4:51 PM	5:35 PM	6:42 PM	7:19 PM	8:25 PM
	2015	NW 33 St	West of NW 84 Ave	Opp. Renaissance Elementary	6:40 AM	7:27 AM	8:08 AM	9:15 AM	9:55 AM	10:46 AM	11:20 AM	12:12 PM	12:49 PM	1:36 PM	2:20 PM	3:08 PM	3:52 PM	4:52 PM	5:36 PM	6:43 PM	7:19 PM	8:26 PM
	2016	NW 33 St	East of NW 87 Ave	Carnival Cruise Line	6:41 AM	7:28 AM	8:08 AM	9:16 AM	9:56 AM	10:46 AM	11:21 AM	12:13 PM	12:50 PM	1:36 PM	2:21 PM	3:08 PM	3:52 PM	4:53 PM	5:37 PM	6:43 PM	7:20 PM	8:26 PM
	2017	NW 33 St	West of NW 87 Ave	Wawa	6:41 AM	7:29 AM	8:09 AM	9:16 AM	9:57 AM	10:47 AM	11:21 AM	12:13 PM	12:51 PM	1:37 PM	2:21 PM	3:09 PM	3:53 PM	4:53 PM	5:38 PM	6:44 PM	7:21 PM	8:27 PM
	2018	NW 33 St	West of NW 89 Ct	Miami Herald	6:42 AM	7:31 AM	8:11 AM	9:17 AM	9:58 AM	10:48 AM	11:22 AM	12:14 PM	12:52 PM	1:38 PM	2:22 PM	3:10 PM	3:54 PM	4:55 PM	5:39 PM	6:45 PM	7:22 PM	8:28 PM
	2019	NW 33 St	West of 9300 Blk	U.S. Southern Command	6:43 AM	7:32 AM	8:12 AM	9:18 AM	9:59 AM	10:49 AM	11:23 AM	12:15 PM	12:53 PM	1:39 PM	2:23 PM	3:11 PM	3:56 PM	4:56 PM	5:40 PM	6:46 PM	7:23 PM	8:29 PM
	2020	NW 97 Ave	South of NW 33 St	Costa Brava	6:44 AM	7:34 AM	8:14 AM	9:20 AM	10:00 AM	10:50 AM	11:24 AM	12:17 PM	12:54 PM	1:40 PM	2:24 PM	3:13 PM	3:57 PM	4:57 PM	5:42 PM	6:48 PM	7:24 PM	8:30 PM
	2067	NW 97 Ave	South of NW 27 St		6:47 AM	7:37 AM	8:18 AM	9:22 AM	10:02 AM	10:52 AM	11:27 AM	12:19 PM	12:56 PM	1:42 PM	2:27 PM	3:16 PM	4:00 PM	5:01 PM	5:45 PM	6:51 PM	7:26 PM	8:32 PM
	2068	NW 97 Ave	South of NW 25 St	Doral Academy Elementary	6:48 AM	7:40 AM	8:20 AM	9:23 AM	10:04 AM	10:54 AM	11:28 AM	12:20 PM	12:58 PM	1:44 PM	2:28 PM	3:18 PM	4:03 PM	5:03 PM	5:47 PM	6:53 PM	7:28 PM	8:34 PM
2069	NW 17 St	West of NW 97 Ave	United States Postal Service	6:49 AM	7:41 AM	8:21 AM	9:24 AM	10:05 AM	10:55 AM	11:29 AM	12:21 PM	12:59 PM	1:45 PM	2:29 PM	3:19 PM	4:04 PM	5:04 PM	5:48 PM	6:54 PM	7:29 PM	8:35 PM	
2070	NW 17 St	East of NW 102 Ave	DoubleTree Hotel and Residence Inn Hotel	6:50 AM	7:42 AM	8:22 AM	9:25 AM	10:05 AM	10:56 AM	11:30 AM	12:22 PM	12:59 PM	1:46 PM	2:30 PM	3:20 PM	4:04 PM	5:05 PM	5:49 PM	6:55 PM	7:29 PM	8:36 PM	
2071	NW 25 St	West of NW 99 Ave		6:52 AM	7:46 AM	8:26 AM	9:28 AM	10:08 AM	10:58 AM	11:32 AM	12:25 PM	1:02 PM	1:48 PM	2:32 PM	3:23 PM	4:08 PM	5:08 PM	5:52 PM	6:58 PM	7:32 PM	8:38 PM	
2072	NW 97 Ave	South of NW 27 St		6:54 AM	7:48 AM	8:28 AM	9:29 AM	10:09 AM	10:59 AM	11:34 AM	12:26 PM	1:03 PM	1:49 PM	2:34 PM	3:25 PM	4:09 PM	5:09 PM	5:54 PM	7:00 PM	7:33 PM	8:39 PM	
2021	NW 33 St	East of Torremolinos Ave	Veteran's Park	6:57 AM	7:51 AM	8:32 AM	9:32 AM	10:13 AM	11:03 AM	11:37 AM	12:29 PM	1:07 PM	1:53 PM	2:37 PM	3:29 PM	4:13 PM	5:13 PM	5:57 PM	7:04 PM	7:37 PM	8:43 PM	
2022	NW 33 St	East of NW 107 Ave	Sears (Parts & Service)	6:58 AM	7:53 AM	8:33 AM	9:34 AM	10:14 AM	11:04 AM	11:38 AM	12:31 PM	1:08 PM	1:54 PM	2:38 PM	3:30 PM	4:14 PM	5:14 PM	5:59 PM	7:05 PM	7:38 PM	8:44 PM	
2023	NW 33 St	NW 108 Ave	Beacon Industrial Park	6:59 AM	7:53 AM	8:34 AM	9:34 AM	10:14 AM	11:05 AM	11:39 AM	12:31 PM	1:08 PM	1:55 PM	2:39 PM	3:31 PM	4:15 PM	5:15 PM	5:59 PM	7:06 PM	7:38 PM	8:45 PM	
2024	NW 33 St	NW 110 Ave		7:00 AM	7:55 AM	8:35 AM	9:35 AM	10:16 AM	11:06 AM	11:40 AM	12:32 PM	1:10 PM	1:56 PM	2:40 PM	3:32 PM	4:16 PM	5:16 PM	6:01 PM	7:07 PM	7:40 PM	8:46 PM	
2025	NW 34 St	West of NW 113 Ct		7:01 AM	7:56 AM	8:36 AM	9:36 AM	10:17 AM	11:07 AM	11:41 AM	12:33 PM	1:11 PM	1:57 PM	2:41 PM	3:33 PM	4:17 PM	5:18 PM	6:02 PM	7:08 PM	7:41 PM	8:47 PM	
2026	NW 34 St	East of NW 115 Ave		7:02 AM	7:57 AM	8:37 AM	9:37 AM	10:18 AM	11:08 AM	11:42 AM	12:34 PM	1:12 PM	1:58 PM	2:42 PM	3:34 PM	4:18 PM	5:19 PM	6:03 PM	7:09 PM	7:42 PM	8:48 PM	

**Doral Trolley Route 2 Weekday Schedule**

Direction	Stop	Road	Location	Nearby Landmark	B-1	B-2	B-1	B-2	B-1	B-2	B-1	B-2	B-1	B-2	B-1	B-2	B-1	B-2	B-1	B-2	B-1	B-2
NB	2027	NW 115 Ave	South of NW 39 St	Miami-Dade College West Campus	7:03 AM	7:57 AM	8:38 AM	9:38 AM	10:18 AM	11:08 AM	11:43 AM	12:35 PM	1:12 PM	1:58 PM	2:43 PM	3:35 PM	4:19 PM	5:19 PM	6:03 PM	7:10 PM	7:42 PM	8:48 PM
	2028	NW 115 Ave	South of NW 41 St	Doral Shops Plaza	7:03 AM	7:58 AM	8:38 AM	9:38 AM	10:19 AM	11:09 AM	11:43 AM	12:35 PM	1:13 PM	1:59 PM	2:43 PM	3:35 PM	4:19 PM	5:20 PM	6:04 PM	7:10 PM	7:43 PM	8:49 PM
	2029	NW 41 St	East of NW 114 Ave	The Imagination Factory	7:04 AM	7:59 AM	8:39 AM	9:39 AM	10:20 AM	11:10 AM	11:44 AM	12:36 PM	1:14 PM	2:00 PM	2:44 PM	3:36 PM	4:21 PM	5:21 PM	6:05 PM	7:11 PM	7:44 PM	8:50 PM
	2030	NW 41 St	West of NW 107 Ave	Citibank	7:06 AM	8:01 AM	8:41 AM	9:41 AM	10:22 AM	11:12 AM	11:46 AM	12:38 PM	1:16 PM	2:02 PM	2:46 PM	3:39 PM	4:23 PM	5:23 PM	6:08 PM	7:14 PM	7:46 PM	8:52 PM
	2031	NW 41 St	East of NW 107 Ave	San Ignacio University	7:07 AM	8:02 AM	8:42 AM	9:42 AM	10:22 AM	11:12 AM	11:47 AM	12:39 PM	1:16 PM	2:02 PM	2:47 PM	3:40 PM	4:24 PM	5:24 PM	6:08 PM	7:15 PM	7:46 PM	8:52 PM
	2032	NW 41 St	East of NW 104 Ave	Hellmann	7:07 AM	8:03 AM	8:43 AM	9:43 AM	10:23 AM	11:13 AM	11:47 AM	12:40 PM	1:17 PM	2:03 PM	2:47 PM	3:41 PM	4:25 PM	5:25 PM	6:09 PM	7:16 PM	7:47 PM	8:53 PM
	2033	NW 41 St	East of NW 102 Ave	Costa del Sol	7:08 AM	8:04 AM	8:44 AM	9:43 AM	10:24 AM	11:14 AM	11:48 AM	12:40 PM	1:18 PM	2:04 PM	2:48 PM	3:42 PM	4:26 PM	5:26 PM	6:10 PM	7:17 PM	7:48 PM	8:54 PM
	2034	NW 41 St	West of NW 97 Ave	HSBC	7:10 AM	8:06 AM	8:46 AM	9:45 AM	10:26 AM	11:16 AM	11:50 AM	12:42 PM	1:20 PM	2:06 PM	2:50 PM	3:44 PM	4:28 PM	5:29 PM	6:13 PM	7:19 PM	7:50 PM	8:56 PM
	2035	NW 41 St	East of NW 97 Ave	9690 Plaza (Einstein Bagels)	7:10 AM	8:06 AM	8:46 AM	9:46 AM	10:26 AM	11:16 AM	11:50 AM	12:43 PM	1:20 PM	2:06 PM	2:50 PM	3:44 PM	4:29 PM	5:29 PM	6:13 PM	7:19 PM	7:50 PM	8:56 PM
	2036	NW 41 St	West of NW 93 Ct	MDC Fire Rescue HQ	7:11 AM	8:07 AM	8:47 AM	9:46 AM	10:27 AM	11:17 AM	11:51 AM	12:43 PM	1:21 PM	2:07 PM	2:51 PM	3:45 PM	4:30 PM	5:30 PM	6:14 PM	7:20 PM	7:51 PM	8:57 PM
	2037	NW 36 St	9100 NW 36 St	Federal Reserve	7:12 AM	8:08 AM	8:48 AM	9:47 AM	10:27 AM	11:18 AM	11:52 AM	12:44 PM	1:21 PM	2:08 PM	2:52 PM	3:47 PM	4:31 PM	5:31 PM	6:15 PM	7:22 PM	7:51 PM	8:58 PM
	2047	NW 36 St	W of NW 8800 Blk	Bus Shelter	7:13 AM	8:09 AM	8:49 AM	9:48 AM	10:28 AM	11:18 AM	11:53 AM	12:45 PM	1:22 PM	2:08 PM	2:53 PM	3:48 PM	4:32 PM	5:32 PM	6:16 PM	7:23 PM	7:52 PM	8:58 PM
	2048	NW 36 St	West of NW 87 Ave	Doral Corporate Center	7:13 AM	8:09 AM	8:50 AM	9:48 AM	10:29 AM	11:19 AM	11:53 AM	12:45 PM	1:23 PM	2:09 PM	2:53 PM	3:48 PM	4:32 PM	5:33 PM	6:17 PM	7:23 PM	7:53 PM	8:59 PM
	2049	NW 36 St	East of NW 87 Ave		7:14 AM	8:10 AM	8:50 AM	9:49 AM	10:29 AM	11:19 AM	11:54 AM	12:46 PM	1:23 PM	2:09 PM	2:54 PM	3:49 PM	4:33 PM	5:34 PM	6:18 PM	7:24 PM	7:53 PM	8:59 PM
	2050	NW 36 St	West of NW 8400 Block		7:14 AM	8:10 AM	8:51 AM	9:49 AM	10:30 AM	11:20 AM	11:54 AM	12:46 PM	1:24 PM	2:10 PM	2:54 PM	3:50 PM	4:34 PM	5:34 PM	6:18 PM	7:25 PM	7:54 PM	9:00 PM
	2052	NW 82 Ave	North of NW 36 St		7:17 AM	8:13 AM	8:53 AM	9:52 AM	10:32 AM	11:22 AM	11:57 AM	12:49 PM	1:26 PM	2:12 PM	2:57 PM	3:51 PM	4:35 PM	5:36 PM	6:20 PM	7:26 PM	7:56 PM	9:02 PM
	2054	NW 79 Ave	North of NW 41 St		7:18 AM	8:14 AM	8:54 AM	9:53 AM	10:33 AM	11:23 AM	11:58 AM	12:50 PM	1:27 PM	2:13 PM	2:58 PM	3:53 PM	4:37 PM	5:37 PM	6:22 PM	7:28 PM	7:57 PM	9:03 PM
	2056	NW 79 Ave	North of NW 48 St		7:18 AM	8:15 AM	8:55 AM	9:54 AM	10:34 AM	11:24 AM	11:58 AM	12:51 PM	1:28 PM	2:14 PM	2:58 PM	3:54 PM	4:39 PM	5:39 PM	6:23 PM	7:29 PM	7:58 PM	9:04 PM
	2057	NW 79 Ave	South of NW 50 St		7:19 AM	8:15 AM	8:56 AM	9:54 AM	10:34 AM	11:25 AM	11:59 AM	12:51 PM	1:28 PM	2:15 PM	2:59 PM	3:55 PM	4:39 PM	5:40 PM	6:24 PM	7:30 PM	7:58 PM	9:05 PM
	2058	NW 53 St	West of NW 79 Ave		7:20 AM	8:17 AM	8:57 AM	9:55 AM	10:36 AM	11:26 AM	12:00 PM	12:52 PM	1:30 PM	2:16 PM	3:00 PM	3:56 PM	4:41 PM	5:41 PM	6:25 PM	7:31 PM	8:00 PM	9:06 PM
	2059	NW 53 St	East of NW 53 Ter	8333 Building	7:21 AM	8:18 AM	8:58 AM	9:56 AM	10:37 AM	11:27 AM	12:01 PM	12:53 PM	1:31 PM	2:17 PM	3:01 PM	3:57 PM	4:42 PM	5:42 PM	6:26 PM	7:32 PM	8:01 PM	9:07 PM
	2060	NW 53 St	East of NW 84 Ave	Downtown Doral Park	7:22 AM	8:18 AM	8:59 AM	9:57 AM	10:37 AM	11:28 AM	12:02 PM	12:54 PM	1:31 PM	2:18 PM	3:02 PM	3:58 PM	4:42 PM	5:43 PM	6:27 PM	7:33 PM	8:01 PM	9:08 PM
	2061	NW 53 St	East of NW 87 Ave		7:22 AM	8:19 AM	8:59 AM	9:58 AM	10:38 AM	11:28 AM	12:02 PM	12:55 PM	1:32 PM	2:18 PM	3:02 PM	3:59 PM	4:43 PM	5:43 PM	6:28 PM	7:34 PM	8:02 PM	9:08 PM
2062	NW 87 Ave	South of NW 58 St		7:23 AM	8:20 AM	9:00 AM	9:59 AM	10:39 AM	11:29 AM	12:03 PM	12:56 PM	1:33 PM	2:19 PM	3:03 PM	4:00 PM	4:44 PM	5:45 PM	6:29 PM	7:35 PM	8:03 PM	9:09 PM	
2001	NW 79 Pl	NW 77 St	Palmetto MetroRail Station	7:34 AM	8:37 AM	9:17 AM	10:09 AM	10:50 AM	11:40 AM	12:14 PM	1:06 PM	1:44 PM	2:30 PM	3:14 PM	4:14 PM	4:59 PM	5:59 PM	6:43 PM	7:49 PM	8:14 PM	9:20 PM	

Appendix G  
Trip Generation Calculations



# AM PEAK HOUR TRIP GENERATION COMPARISON

## EXISTING WEEKDAY AM PEAK HOUR TRIP GENERATION

	ITE TRIP GENERATION CHARACTERISTICS					DIRECTIONAL DISTRIBUTION		BASELINE TRIPS			MULTIMODAL REDUCTION		GROSS TRIPS			INTERNAL CAPTURE		EXTERNAL VEHICLE TRIPS			PASS-BY CAPTURE		NET NEW EXTERNAL TRIPS					
	Land Use	ITE Edition	ITE Code	Scale	ITE Units	Percent		In	Out	Total	Percent	MR Trips	In	Out	Total	Percent	IC Trips	In	Out	Total	Percent	PB Trips	In	Out	Total			
						In	Out																					
GROUP 1	1	General Office Building	11	710	160.854	ksf	88%	12%	222	30	252	3.6%	9	214	29	243	0.0%	0	214	29	243	0.0%	0	214	29	243		
	2																											
	3																											
	4																											
	5																											
	6																											
	7																											
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	9																											
	10																											
	11																											
	12																											
	13																											
	14																											
	15																											
		ITE Land Use Code	Rate or Equation			Total:		222	30	252	3.6%	9	214	29	243	0.0%	0	214	29	243	0.0%	0	214	29	243			
		710	LN(Y) = 0.86*LN(X)+1.16																									

## PROPOSED WEEKDAY AM PEAK HOUR TRIP GENERATION

	ITE TRIP GENERATION CHARACTERISTICS					DIRECTIONAL DISTRIBUTION		BASELINE TRIPS			MULTIMODAL REDUCTION		GROSS TRIPS			INTERNAL CAPTURE		EXTERNAL VEHICLE TRIPS			PASS-BY CAPTURE		NET NEW EXTERNAL TRIPS						
	Land Use	ITE Edition	ITE Code	Scale	ITE Units	Percent		In	Out	Total	Percent	MR Trips	In	Out	Total	Percent	IC Trips	In	Out	Total	Percent	PB Trips	In	Out	Total				
						In	Out																						
GROUP 2	1	Warehousing	11	150	153.654	ksf	77%	23%	32	10	42	3.6%	2	31	9	40	0.0%	0	31	9	40	0.0%	0	31	9	40			
	2																												
	3																												
	4																												
	5																												
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	10																												
	11																												
	12																												
	13																												
	14																												
	15																												
		ITE Land Use Code	Rate or Equation			Total:		32	10	42	3.6%	2	31	9	40	0.0%	0	31	9	40	0.0%	0	31	9	40				
		150	Y=0.12*(X)+23.62																										

	IN	OUT	TOTAL
<b>NET NEW TRIPS</b>	-183	-20	-203

# PM PEAK HOUR TRIP GENERATION COMPARISON

## EXISTING WEEKDAY PM PEAK HOUR TRIP GENERATION

	ITE TRIP GENERATION CHARACTERISTICS					DIRECTIONAL DISTRIBUTION		BASELINE TRIPS			MULTIMODAL REDUCTION		GROSS TRIPS			INTERNAL CAPTURE		EXTERNAL VEHICLE TRIPS			PASS-BY CAPTURE		NET NEW EXTERNAL TRIPS										
	Land Use	ITE Edition	ITE Code	Scale	ITE Units	Percent		In	Out	Total	Percent	MR Trips	In	Out	Total	Percent	IC Trips	In	Out	Total	Percent	PB Trips	In	Out	Total								
						In	Out																										
GROUP 1	1	General Office Building	11	710	160.854	ksf	17%	83%	42	204	246	3.6%	9	40	197	237	0.0%	0	40	197	237	0.0%	0	40	197	237							
	2																																
	3																																
	4																																
	5																																
	6																																
	7																																
	8																																
	9																																
	10																																
	11																																
	12																																
	13																																
	14																																
	15																																
		ITE Land Use Code	Rate or Equation			Total:		42	204	246	3.7%	9	40	197	237	0.0%	0	40	197	237	0.0%	0	40	197	237								
		710	LN(Y) = 0.83*LN(X)+1.29																														

## PROPOSED WEEKDAY PM PEAK HOUR TRIP GENERATION

	ITE TRIP GENERATION CHARACTERISTICS					DIRECTIONAL DISTRIBUTION		BASELINE TRIPS			MULTIMODAL REDUCTION		GROSS TRIPS			INTERNAL CAPTURE		EXTERNAL VEHICLE TRIPS			PASS-BY CAPTURE		NET NEW EXTERNAL TRIPS										
	Land Use	ITE Edition	ITE Code	Scale	ITE Units	Percent		In	Out	Total	Percent	MR Trips	In	Out	Total	Percent	IC Trips	In	Out	Total	Percent	PB Trips	In	Out	Total								
						In	Out																										
GROUP 2	1	Warehousing	11	150	153.654	ksf	28%	72%	13	32	45	3.6%	2	12	31	43	0.0%	0	12	31	43	0.0%	0	12	31	43							
	2																																
	3																																
	4																																
	5																																
	6																																
	7																																
	8																																
	9																																
	10																																
	11																																
	12																																
	13																																
	14																																
	15																																
		ITE Land Use Code	Rate or Equation			Total:		13	32	45	3.6%	2	12	31	43	0.0%	0	12	31	43	0.0%	0	12	31	43								
		150	Y=0.12*(X)+26.48																														

	IN	OUT	TOTAL
<b>NET NEW TRIPS</b>	<b>-28</b>	<b>-166</b>	<b>-194</b>



# MEANS OF TRANSPORTATION TO WORK

Note: This is a modified view of the original table produced by the U.S. Census Bureau. This download or printed version may have missing information from the original table.

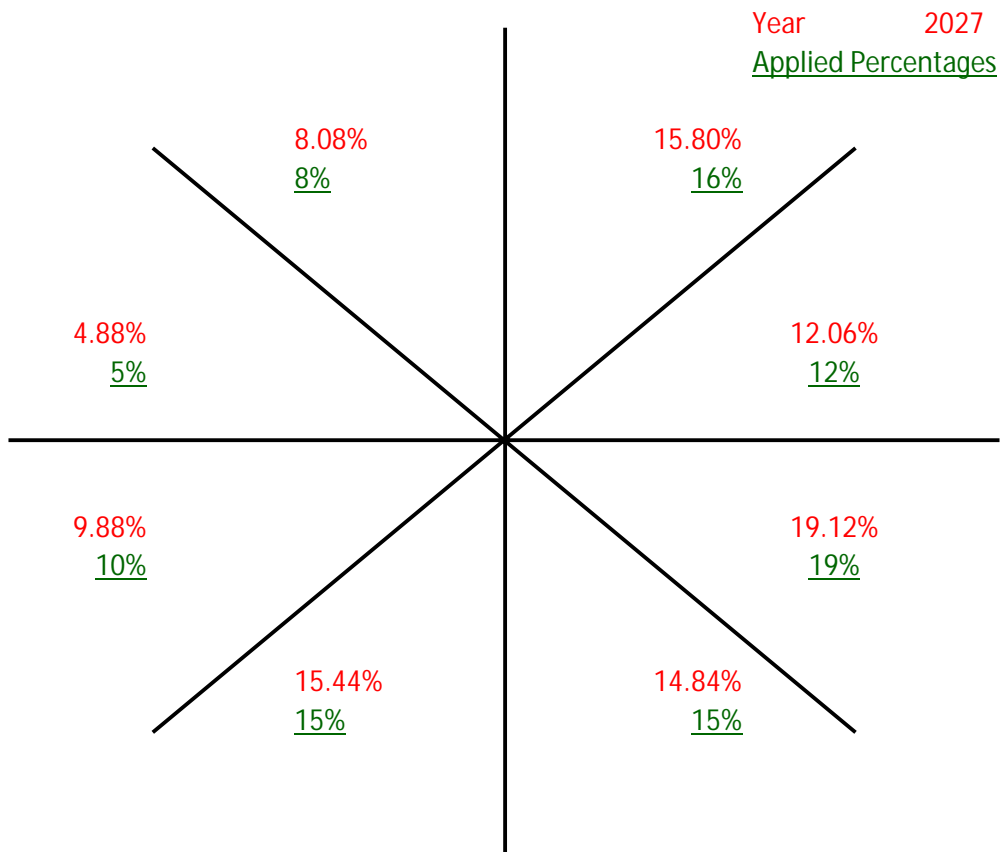
$$(28+12+72)/(3299-217) = 3.6\%$$

Census Tract 90.10, Miami-Dade County, Florida

Label	Estimate	Margin of Er
▼ Total:	3,299	±3
▼ Car, truck, or van:	2,860	±3
Drove alone	2,619	±3
▼ Carpooled:	241	±1
In 2-person carpool	116	±
In 3-person carpool	15	±
In 4-person carpool	9	±
In 5- or 6-person carpool	101	±1
In 7-or-more-person carpool	0	±
▼ Public transportation (excluding taxicab):	28	±
Bus	4	±
Subway or elevated rail	0	±
Long-distance train or commuter rail	12	±
Light rail, streetcar or trolley (carro público in Puerto Rico)	12	±
Ferryboat	0	±
Taxicab	20	±
Motorcycle	0	±
Bicycle	12	±
Walked	72	±
Other means	90	±
Worked from home	217	±

Appendix H  
Cardinal Trip Distribution

Cardinal Distribution for TAZ 726



Year 2027  
Applied Percentages

Cardinal Trip Distribution

Cardinal Direction	Percentage of Trips		2027 Interpolated	2027 Rounded
	2015	2045		
North-Northeast	16.2%	15.2%	15.80%	16.00%
East-Northeast	11.1%	13.5%	12.06%	12.00%
East-Southeast	18.8%	19.6%	19.12%	19.00%
South-Southeast	15.2%	14.3%	14.84%	15.00%
South-Southwest	15.6%	15.2%	15.44%	15.00%
West-Southwest	9.6%	10.3%	9.88%	10.00%
West-Northwest	5.4%	4.1%	4.88%	5.00%
North-Northwest	8.2%	7.9%	8.08%	8.00%
Total	100.1%	100.1%	100.10%	100.00%



**MIAMI-DADE TRANSPORTATION PLANNING ORGANIZATION**

**2045 LRTP**

**SUPPORTING DOCUMENTS**

# **DIRECTIONAL TRIP DISTRIBUTION REPORT**

**SEPTEMBER 2019**

DIRECTIONAL TRIP DISTRIBUTION REPORT

Miami-Dade 2015 Base Year Direction Trip Distribution Summary											
TAZ of Origin		Trips / Percent	Cardinal Directions								Total Trips
County TAZ	Regional TAZ		NNE	ENE	ESE	SSE	SSW	WSW	WNW	NNW	
703	3603	Trips	826	744	1,234	414	932	606	309	885	6,201
703	3603	Percent	13.9	12.5	20.7	7.0	15.7	10.2	5.2	14.9	
704	3604	Trips	1,037	1,092	1,509	1,209	1,269	723	533	1,631	9,294
704	3604	Percent	11.5	12.1	16.8	13.4	14.1	8.0	5.9	18.1	
705	3605	Trips	161	94	167	118	136	196	28	145	1,046
705	3605	Percent	15.4	9.0	16.0	11.3	13.0	18.8	2.7	13.9	
706	3606	Trips	505	357	583	154	344	353	219	443	3,003
706	3606	Percent	17.1	12.1	19.7	5.2	11.6	11.9	7.4	15.0	
707	3607	Trips	399	233	549	796	250	308	122	317	2,998
707	3607	Percent	13.4	7.8	18.5	26.8	8.4	10.4	4.1	10.7	
708	3608	Trips	577	400	669	585	461	425	93	645	3,947
708	3608	Percent	15.0	10.4	17.4	15.2	12.0	11.0	2.4	16.7	
709	3609	Trips	987	697	1,126	1,501	605	710	547	1,314	7,694
709	3609	Percent	13.2	9.3	15.0	20.1	8.1	9.5	7.3	17.6	
710	3610	Trips	1,062	609	1,213	810	1,621	871	683	1,349	8,366
710	3610	Percent	12.9	7.4	14.8	9.9	19.7	10.6	8.3	16.4	
711	3611	Trips	276	181	371	347	312	987	136	262	2,872
711	3611	Percent	9.6	6.3	12.9	12.1	10.9	34.4	4.7	9.1	
712	3612	Trips	1,143	791	929	1,577	771	751	527	1,327	7,891
712	3612	Percent	14.6	10.1	11.9	20.2	9.9	9.6	6.7	17.0	
713	3613	Trips	291	161	384	142	218	144	96	214	1,666
713	3613	Percent	17.7	9.8	23.3	8.6	13.2	8.7	5.8	13.0	
714	3614	Trips	65	24	31	16	40	17	15	32	240
714	3614	Percent	27.0	10.0	12.8	6.8	16.6	7.2	6.3	13.4	
715	3615	Trips	559	387	545	327	848	494	152	499	3,809
715	3615	Percent	14.7	10.2	14.3	8.6	22.3	13.0	4.0	13.1	
716	3616	Trips	1,679	1,377	1,731	1,146	1,981	1,191	540	1,504	11,355
716	3616	Percent	15.1	12.4	15.5	10.3	17.8	10.7	4.8	13.5	
717	3617	Trips	1,702	929	1,833	941	1,965	1,122	390	998	10,143
717	3617	Percent	17.2	9.4	18.6	9.5	19.9	11.4	3.9	10.1	
718	3618	Trips	1,474	828	1,225	781	1,313	932	364	407	7,459
718	3618	Percent	20.1	11.3	16.7	10.7	17.9	12.7	5.0	5.6	
719	3619	Trips	788	593	871	686	823	575	138	312	4,831
719	3619	Percent	16.5	12.4	18.2	14.3	17.2	12.0	2.9	6.5	
720	3620	Trips	1,508	1,002	1,477	968	1,685	729	490	533	8,848
720	3620	Percent	18.0	11.9	17.6	11.5	20.1	8.7	5.8	6.4	
721	3621	Trips	539	422	569	345	632	351	131	300	3,315
721	3621	Percent	16.4	12.8	17.3	10.5	19.2	10.7	4.0	9.1	
722	3622	Trips	1,018	601	1,065	809	1,415	573	436	707	6,707
722	3622	Percent	15.4	9.1	16.1	12.2	21.4	8.7	6.6	10.7	
723	3623	Trips	1,410	664	1,695	1,068	1,364	533	172	498	7,823
723	3623	Percent	19.0	9.0	22.9	14.4	18.4	7.2	2.3	6.7	
724	3624	Trips	1,427	874	1,003	951	1,244	562	209	476	6,844
724	3624	Percent	21.1	13.0	14.9	14.1	18.4	8.3	3.1	7.1	
725	3625	Trips	867	699	1,118	905	1,166	574	171	269	6,055
725	3625	Percent	15.0	12.1	19.4	15.7	20.2	10.0	3.0	4.7	
726	3626	Trips	1,117	761	1,297	1,046	1,074	659	375	561	7,026
726	3626	Percent	16.2	11.1	18.8	15.2	15.6	9.6	5.4	8.2	
727	3627	Trips	408	462	420	456	560	275	187	145	2,967
727	3627	Percent	14.0	15.9	14.4	15.7	19.2	9.5	6.4	5.0	
728	3628	Trips	1,040	1,163	1,324	1,047	1,949	442	289	538	8,257
728	3628	Percent	13.3	14.9	17.0	13.4	25.0	5.7	3.7	6.9	

DIRECTIONAL TRIP DISTRIBUTION REPORT

Miami-Dade 2045 Cost Feasible Plan Direction Trip Distribution Summary											
TAZ of Origin		Trips / Percent	Cardinal Directions								Total Trips
County TAZ	Regional TAZ		NNE	ENE	ESE	SSE	SSW	WSW	WNW	NNW	
703	3603	Trips	879	881	1,693	679	1,064	793	398	1,213	7,813
703	3603	Percent	11.6	11.6	22.3	8.9	14.0	10.4	5.2	16.0	
704	3604	Trips	1,278	1,253	1,816	1,456	1,431	810	563	2,101	11,090
704	3604	Percent	11.9	11.7	17.0	13.6	13.4	7.6	5.3	19.6	
705	3605	Trips	151	88	251	161	124	119	46	143	1,083
705	3605	Percent	14.0	8.1	23.2	14.8	11.4	11.0	4.3	13.2	
706	3606	Trips	485	399	813	264	410	386	176	568	3,579
706	3606	Percent	13.9	11.4	23.2	7.5	11.7	11.0	5.0	16.2	
707	3607	Trips	427	421	760	1,060	323	396	204	552	4,206
707	3607	Percent	10.3	10.2	18.3	25.6	7.8	9.6	4.9	13.3	
708	3608	Trips	755	542	931	894	670	631	198	911	5,697
708	3608	Percent	13.7	9.8	16.8	16.2	12.1	11.4	3.6	16.5	
709	3609	Trips	1,201	830	1,767	2,057	906	913	709	1,620	10,353
709	3609	Percent	12.0	8.3	17.7	20.6	9.1	9.1	7.1	16.2	
710	3610	Trips	1,067	824	1,601	888	2,156	1,107	845	1,567	10,186
710	3610	Percent	10.6	8.2	15.9	8.8	21.4	11.0	8.4	15.6	
711	3611	Trips	377	365	681	347	376	1,455	221	429	4,270
711	3611	Percent	8.9	8.6	16.0	8.2	8.8	34.3	5.2	10.1	
712	3612	Trips	1,179	981	1,265	2,017	1,110	1,007	656	1,567	9,885
712	3612	Percent	12.1	10.0	12.9	20.6	11.4	10.3	6.7	16.0	
713	3613	Trips	259	204	269	91	324	244	93	190	1,674
713	3613	Percent	15.5	12.2	16.1	5.4	19.3	14.6	5.6	11.4	
714	3614	Trips	59	49	87	19	72	42	13	65	406
714	3614	Percent	14.4	12.0	21.5	4.8	17.8	10.3	3.2	15.9	
715	3615	Trips	612	457	808	400	901	585	220	577	4,573
715	3615	Percent	13.4	10.0	17.7	8.8	19.8	12.8	4.8	12.7	
716	3616	Trips	1,947	1,909	2,655	1,678	2,809	1,939	867	2,295	16,511
716	3616	Percent	12.1	11.9	16.5	10.4	17.5	12.0	5.4	14.3	
717	3617	Trips	2,054	1,312	2,747	1,408	2,464	1,599	551	1,704	14,184
717	3617	Percent	14.8	9.5	19.9	10.2	17.8	11.6	4.0	12.3	
718	3618	Trips	1,871	1,468	1,742	1,200	1,878	1,269	490	907	11,020
718	3618	Percent	17.3	13.6	16.1	11.1	17.4	11.7	4.5	8.4	
719	3619	Trips	763	612	976	632	751	627	97	381	4,852
719	3619	Percent	15.8	12.7	20.2	13.1	15.5	13.0	2.0	7.9	
720	3620	Trips	2,130	1,578	2,276	1,464	2,393	1,338	558	1,015	13,396
720	3620	Percent	16.7	12.4	17.9	11.5	18.8	10.5	4.4	8.0	
721	3621	Trips	1,030	970	1,405	941	1,238	682	302	666	7,530
721	3621	Percent	14.2	13.4	19.4	13.0	17.1	9.4	4.2	9.2	
722	3622	Trips	1,292	951	1,801	938	1,901	720	518	979	9,222
722	3622	Percent	14.2	10.5	19.8	10.3	20.9	7.9	5.7	10.8	
723	3623	Trips	2,407	1,437	3,267	2,294	2,444	1,068	314	1,384	15,778
723	3623	Percent	16.5	9.8	22.4	15.7	16.7	7.3	2.2	9.5	
724	3624	Trips	2,372	1,345	1,961	1,681	1,994	852	325	959	12,097
724	3624	Percent	20.6	11.7	17.1	14.6	17.4	7.4	2.8	8.3	
725	3625	Trips	1,269	1,207	1,964	1,365	1,443	738	226	546	9,086
725	3625	Percent	14.5	13.8	22.4	15.6	16.5	8.4	2.6	6.2	
726	3626	Trips	1,741	1,545	2,251	1,640	1,748	1,180	469	904	11,799
726	3626	Percent	15.2	13.5	19.6	14.3	15.2	10.3	4.1	7.9	
727	3627	Trips	471	522	810	516	632	287	195	266	3,775
727	3627	Percent	12.7	14.1	21.9	14.0	17.1	7.8	5.3	7.2	
728	3628	Trips	1,651	1,795	2,256	1,404	2,697	398	301	914	11,970
728	3628	Percent	14.5	15.7	19.8	12.3	23.6	3.5	2.6	8.0	



Appendix I  
Volume Development Worksheets

# TRAFFIC VOLUMES AT STUDY INTERSECTIONS

**INTERSECTION:** NW 92nd Avenue and NW 33rd Street  
**COUNT DATE:** October 31, 2024  
**PM PEAK HOUR FACTOR:** 0.95

"PM EXISTING TRAFFIC"	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
PM Raw Turning Movements		0	897	62	2	179	1,089	0		106	0	144		0	0	0
Peak Season Correction Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

<b>PM EXISTING CONDITIONS</b>		0	897	62	2	179	1,089	0		106	0	144		0	0	0
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"PM BACKGROUND TRAFFIC"	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
Chick-Fil-A Drive-Thru			1				1									
Doral Central Park			43	43			32			32						
BridgePrep Academy			13				25									
Doral Center																
<b>TOTAL "VESTED" TRAFFIC</b>		0	57	43		0	58	0		32	0	0		0	0	0

Years To Buildout	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Yearly Growth Rate	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%
<b>PM BACKGROUND TRAFFIC GROWTH</b>		0	32	2	0	6	39	0		4	0	5		0	0	0

<b>PM NON-PROJECT TRAFFIC</b>		0	986	107	0	187	1,186	0		142	0	149		0	0	0
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"PM PROJECT DISTRIBUTION"		EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
LAND USE	TYPE																
Pass-By Distribution	Entering																
	Exiting																
Valet Distribution	Entering																
	Exiting																
Net New Distribution	Entering			33.0%								10.0%					
	Exiting						10.0%	33.0%									

"PM PROJECT TRAFFIC"		EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
LAND USE	TYPE																
<b>PM TRAFFIC DIVERSIONS</b>																	
Project Trips	Pass - By																
	Valet																
	Net New			0			1	4				0					
<b>PM TOTAL PROJECT TRAFFIC</b>			0	0	0	0	1	4	0		0	0	0		0	0	0

<b>PM TOTAL TRAFFIC</b>		0	986	107	0	188	1,190	0		142	0	149		0	0	0
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# TRAFFIC VOLUMES AT STUDY INTERSECTIONS

INTERSECTION: NW 91st Avenue and NW 33rd Street  
 COUNT DATE: October 31, 2024  
 PM PEAK HOUR FACTOR: 0.94

"PM EXISTING TRAFFIC"	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
PM Raw Turning Movements	1	43	996	0	0	0	1,231	37		0	0	0		35	0	36
Peak Season Correction Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

<b>PM EXISTING CONDITIONS</b>	<b>1</b>	<b>43</b>	<b>996</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,231</b>	<b>37</b>		<b>0</b>	<b>0</b>	<b>0</b>		<b>35</b>	<b>0</b>	<b>36</b>
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"PM BACKGROUND TRAFFIC"	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
Chick-Fil-A Drive-Thru			1				1									
Doral Central Park				43		44				32		38				
BridgePrep Academy			13				25									
Doral Center																
<b>TOTAL "VESTED" TRAFFIC</b>		<b>0</b>	<b>14</b>	<b>43</b>		<b>44</b>	<b>26</b>	<b>0</b>		<b>32</b>	<b>0</b>	<b>38</b>		<b>0</b>	<b>0</b>	<b>0</b>

Years To Buildout	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Yearly Growth Rate	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%
PM BACKGROUND TRAFFIC GROWTH	0	2	36	0	0	0	44	1		0	0	0		1	0	1

<b>PM NON-PROJECT TRAFFIC</b>	<b>1</b>	<b>45</b>	<b>1,046</b>	<b>43</b>	<b>0</b>	<b>44</b>	<b>1,301</b>	<b>38</b>		<b>32</b>	<b>0</b>	<b>38</b>		<b>36</b>	<b>0</b>	<b>37</b>
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"PM PROJECT DISTRIBUTION"		EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
LAND USE	TYPE																
Pass-By Distribution	Entering																
	Exiting																
Valet Distribution	Entering																
	Exiting																
Net New Distribution	Entering		43.0%						57.0%								
	Exiting													57.0%		43.0%	

"PM PROJECT TRAFFIC"		EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
PM TRAFFIC DIVERSIONS																	
Project Trips	Pass - By																
	Valet																
	Net New		0						0						7		5
<b>PM TOTAL PROJECT TRAFFIC</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>5</b>	<b>5</b>

<b>PM TOTAL TRAFFIC</b>	<b>1</b>	<b>45</b>	<b>1,046</b>	<b>43</b>	<b>0</b>	<b>44</b>	<b>1,301</b>	<b>38</b>		<b>32</b>	<b>0</b>	<b>38</b>		<b>43</b>	<b>0</b>	<b>42</b>
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# TRAFFIC VOLUMES AT STUDY INTERSECTIONS

INTERSECTION: NW 89th Court and NW 33rd Street  
 COUNT DATE: October 31, 2024  
 PM PEAK HOUR FACTOR: 0.95

"PM EXISTING TRAFFIC"	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
PM Raw Turning Movements	0	105	926	2	0	3	1,024	45		0	0	0		35	0	235
Peak Season Correction Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

<b>PM EXISTING CONDITIONS</b>	<b>0</b>	<b>105</b>	<b>926</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>1,024</b>	<b>45</b>		<b>0</b>	<b>0</b>	<b>0</b>		<b>35</b>	<b>0</b>	<b>235</b>
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"PM BACKGROUND TRAFFIC"	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
Chick-Fil-A Drive-Thru		1														1
Doral Central Park			38				44									
BridgePrep Academy		13						54						100		25
Doral Center																
<b>TOTAL "VESTED" TRAFFIC</b>		<b>14</b>	<b>38</b>	<b>0</b>		<b>0</b>	<b>44</b>	<b>54</b>		<b>0</b>	<b>0</b>	<b>0</b>		<b>100</b>	<b>0</b>	<b>26</b>

Years To Buildout	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Yearly Growth Rate	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%
PM BACKGROUND TRAFFIC GROWTH	0	4	33	0	0	0	37	2		0	0	0		1	0	8

<b>PM NON-PROJECT TRAFFIC</b>	<b>0</b>	<b>123</b>	<b>997</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>1,105</b>	<b>101</b>		<b>0</b>	<b>0</b>	<b>0</b>		<b>136</b>	<b>0</b>	<b>269</b>
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"PM PROJECT DISTRIBUTION"		EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
LAND USE	TYPE																
Pass-By	Entering																
Distribution	Exiting																
Valet	Entering																
Distribution	Exiting																
Net New	Entering							57.0%									
Distribution	Exiting			57.0%													

"PM PROJECT TRAFFIC"		EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
LAND USE	TYPE																
<b>PM TRAFFIC DIVERSIONS</b>																	
Project Trips	Pass - By																
	Valet																
	Net New			7				0									
<b>PM TOTAL PROJECT TRAFFIC</b>		<b>0</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

<b>PM TOTAL TRAFFIC</b>	<b>0</b>	<b>123</b>	<b>1,004</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>1,105</b>	<b>101</b>		<b>0</b>	<b>0</b>	<b>0</b>		<b>136</b>	<b>0</b>	<b>269</b>
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# TRAFFIC VOLUMES AT STUDY INTERSECTIONS

INTERSECTION: NW 87th Avenue and NW 33rd Street  
 COUNT DATE: October 31, 2024  
 PM PEAK HOUR FACTOR: 0.96

"PM EXISTING TRAFFIC"																
	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
PM Raw Turning Movements		360	404	233		120	507	159		197	1,408	95		104	1,157	349
Peak Season Correction Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

PM EXISTING CONDITIONS																
		360	404	233		120	507	159		197	1,408	95		104	1,157	349

"PM BACKGROUND TRAFFIC"																
	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
Chick-Fil-A Drive-Thru								4			19			4	17	
Doral Central Park		38									10				19	44
BridgePrep Academy		81	6	13			3			7						44
Doral Center											41				43	
TOTAL "VESTED" TRAFFIC		119	6	13		0	3	4		7	70	0		4	79	88

Years To Buildout	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Yearly Growth Rate	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%
PM BACKGROUND TRAFFIC GROWTH		13	14	8		4	18	6		7	50	3		4	41	13

PM NON-PROJECT TRAFFIC																
		492	424	254		124	528	169		211	1,528	98		112	1,277	450

"PM PROJECT DISTRIBUTION"																	
LAND USE	TYPE	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
Pass-By Distribution	Entering																
	Exiting																
Valet Distribution	Entering																
	Exiting																
Net New Distribution	Entering							2.0%			27.0%						28.0%
	Exiting		28.0%	2.0%	27.0%												

"PM PROJECT TRAFFIC"																	
LAND USE	TYPE	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
PM TRAFFIC DIVERSIONS																	
Project Trips	Pass - By																
	Valet																
	Net New		4	0	3			0			0						0
PM TOTAL PROJECT TRAFFIC			4	0	3		0	0	0		0	0	0		0	0	0

PM TOTAL TRAFFIC			496	424	257		124	528	169		211	1,528	98		112	1,277	450
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# TRAFFIC VOLUMES AT STUDY INTERSECTIONS

INTERSECTION: NW 91st Avenue and West Project Driveway  
 COUNT DATE: October 31, 2024  
 PM PEAK HOUR FACTOR: 0.92

"PM EXISTING TRAFFIC"	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
PM Raw Turning Movements		0	0	0		0	0	0		0	0	0		0	0	0
Peak Season Correction Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

PM EXISTING CONDITIONS		0	0	0		0	0	0		0	0	0		0	0	0
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"PM BACKGROUND TRAFFIC"	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
Chick-Fil-A Drive-Thru																
Doral Central Park																
BridgePrep Academy																
Doral Center																
TOTAL "VESTED" TRAFFIC		0	0	0		0	0	0		0	0	0		0	0	0

Years To Buildout	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Yearly Growth Rate	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%
PM BACKGROUND TRAFFIC GROWTH		0	0	0		0	0	0		0	0	0		0	0	0

PM NON-PROJECT TRAFFIC		0	0	0		0	0	0		0	0	0		0	0	0
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"PM PROJECT DISTRIBUTION"		EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
LAND USE	TYPE																
Pass-By Distribution	Entering																
	Exiting																
Valet Distribution	Entering																
	Exiting																
Net New Distribution	Entering								50.0%								
	Exiting							50.0%									50.0%

"PM PROJECT TRAFFIC"		EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
LAND USE	TYPE																
PM TRAFFIC DIVERSIONS																	
Project Trips	Pass - By																
	Valet																
	Net New							16	6								15
PM TOTAL PROJECT TRAFFIC			0	0	0		0	16	6		0	0	0		0	0	15

PM TOTAL TRAFFIC		0	0	0		0	16	6		0	0	0		0	0	15
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# TRAFFIC VOLUMES AT STUDY INTERSECTIONS

INTERSECTION: NW 91st Avenue and East Project Driveway  
 COUNT DATE: October 31, 2024  
 PM PEAK HOUR FACTOR: 0.92

"PM EXISTING TRAFFIC"	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
PM Raw Turning Movements		0	0	0		0	0	0		0	0	0		0	0	0
Peak Season Correction Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

PM EXISTING CONDITIONS		0	0	0		0	0	0		0	0	0		0	0	0
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"PM BACKGROUND TRAFFIC"	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
Chick-Fil-A Drive-Thru																
Doral Central Park																
BridgePrep Academy																
Doral Center																
TOTAL "VESTED" TRAFFIC		0	0	0		0	0	0		0	0	0		0	0	0

Years To Buildout	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Yearly Growth Rate	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%
PM BACKGROUND TRAFFIC GROWTH		0	0	0		0	0	0		0	0	0		0	0	0

PM NON-PROJECT TRAFFIC		0	0	0		0	0	0		0	0	0		0	0	0
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"PM PROJECT DISTRIBUTION"		EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
LAND USE	TYPE																
Pass-By Distribution	Entering																
	Exiting																
Valet Distribution	Entering																
	Exiting																
Net New Distribution	Entering							50.0%	50.0%								
	Exiting																50.0%

"PM PROJECT TRAFFIC"		EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
LAND USE	TYPE																
PM TRAFFIC DIVERSIONS																	
Project Trips	Pass - By																
	Valet																
	Net New							6	6								16
PM TOTAL PROJECT TRAFFIC			0	0	0		0	6	6		0	0	0		0	0	16

PM TOTAL TRAFFIC		0	0	0		0	6	6		0	0	0		0	0	16
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## Appendix J

# Intersection Capacity Analysis Worksheets



Existing P.M. Peak Hour

HCM 7th TWSC  
1: NW 92nd Avenue & NW 33rd Street

Existing Conditions  
P.M. Peak Hour

Intersection							
Int Delay, s/veh	3						
Movement	EBT	EBR	WBU	WBL	WBT	NBL	NBR
Lane Configurations	↑↑			↓	↑↑	↑	↑
Traffic Vol, veh/h	897	62	2	179	1089	106	144
Future Vol, veh/h	897	62	2	179	1089	106	144
Conflicting Peds, #/hr	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	-	None	-	None
Storage Length	-	-	-	95	-	0	0
Veh in Median Storage, #	0	-	-	-	0	1	-
Grade, %	0	-	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95	95
Heavy Vehicles, %	3	3	3	3	3	3	3
Mvmt Flow	944	65	2	188	1146	112	152

Major/Minor	Major1	Major2	Minor1				
Conflicting Flow All	0	0	1009	1009	0	1931	505
Stage 1	-	-	-	-	-	977	-
Stage 2	-	-	-	-	-	954	-
Critical Hdwy	-	-	6.46	4.16	-	4.4	4.9
Critical Hdwy Stg 1	-	-	-	-	-	4.4	-
Critical Hdwy Stg 2	-	-	-	-	-	4.4	-
Follow-up Hdwy	-	-	2.53	2.23	-	3.8	3.9
Pot Cap-1 Maneuver	-	-	325	676	-	210	603
Stage 1	-	-	-	-	-	460	-
Stage 2	-	-	-	-	-	468	-
Platoon blocked, %	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	663	663	-	149	603
Mov Cap-2 Maneuver	-	-	-	-	-	242	-
Stage 1	-	-	-	-	-	460	-
Stage 2	-	-	-	-	-	334	-

Approach	EB	WB	NB
HCM Control Delay, s/v	0	1.8	21.04
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT
Capacity (veh/h)	242	603	-	-	663	-
HCM Lane V/C Ratio	0.461	0.251	-	-	0.287	-
HCM Control Delay (s/veh)	32	13	-	-	12.6	-
HCM Lane LOS	D	B	-	-	B	-
HCM 95th %tile Q(veh)	2.3	1	-	-	1.2	-

HCM 7th TWSC  
2: NW 33rd Street & NW 91st Avenue

Existing Conditions  
P.M. Peak Hour

Intersection

Int Delay, s/veh	0.8						
Movement	EBU	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations		↔	↕↕	↕↕		↕	↕
Traffic Vol, veh/h	1	43	996	1231	37	35	36
Future Vol, veh/h	1	43	996	1231	37	35	36
Conflicting Peds, #/hr	0	3	0	0	3	0	0
Sign Control	Free	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	-	None	-	None	-	None
Storage Length	-	175	-	-	-	50	0
Veh in Median Storage, #	-	-	0	0	-	1	-
Grade, %	-	-	0	0	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94
Heavy Vehicles, %	3	3	3	3	3	3	3
Mvmt Flow	1	46	1060	1310	39	37	38

Major/Minor	Major1		Major2		Minor2		
Conflicting Flow All	1349	1352	0	-	0	1956	677
Stage 1	-	-	-	-	-	1332	-
Stage 2	-	-	-	-	-	623	-
Critical Hdwy	6.46	4.16	-	-	-	4.4	4.9
Critical Hdwy Stg 1	-	-	-	-	-	4.4	-
Critical Hdwy Stg 2	-	-	-	-	-	4.4	-
Follow-up Hdwy	2.53	2.23	-	-	-	3.8	3.9
Pot Cap-1 Maneuver	196	500	-	-	-	205	518
Stage 1	-	-	-	-	-	346	-
Stage 2	-	-	-	-	-	604	-
Platoon blocked, %			-	-	-		
Mov Cap-1 Maneuver	479	479	-	-	-	184	517
Mov Cap-2 Maneuver	-	-	-	-	-	257	-
Stage 1	-	-	-	-	-	312	-
Stage 2	-	-	-	-	-	602	-

Approach	EB	WB	SB
HCM Control Delay, s/v	0.56	0	16.88
HCM LOS			C

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1	SBLn2
Capacity (veh/h)	479	-	-	-	257	517
HCM Lane V/C Ratio	0.098	-	-	-	0.145	0.074
HCM Control Delay (s/veh)	13.3	-	-	-	21.4	12.5
HCM Lane LOS	B	-	-	-	C	B
HCM 95th %tile Q(veh)	0.3	-	-	-	0.5	0.2

HCM 7th TWSC  
3: NW 33rd Street & NW 89th Court

Existing Conditions  
P.M. Peak Hour

Intersection												
Int Delay, s/veh	2.5											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↔	↑↓		↔	↑↓					↔		↔
Traffic Vol, veh/h	105	926	2	3	1024	45	0	0	0	35	0	235
Future Vol, veh/h	105	926	2	3	1024	45	0	0	0	35	0	235
Conflicting Peds, #/hr	13	0	1	1	0	13	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	50	-	-	80	-	-	-	-	-	50	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	95	95	95	95	95	95	95	95	95	95	95	95
Heavy Vehicles, %	3	3	3	3	3	3	3	3	3	3	3	3
Mvmt Flow	111	975	2	3	1078	47	0	0	0	37	0	247

Major/Minor	Major1			Major2			Minor2		
Conflicting Flow All	1138	0	0	978	0	0	1829	-	576
Stage 1	-	-	-	-	-	-	1121	-	-
Stage 2	-	-	-	-	-	-	708	-	-
Critical Hdwy	4.16	-	-	4.16	-	-	4.4	-	4.4
Critical Hdwy Stg 1	-	-	-	-	-	-	4.4	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	4.4	-	-
Follow-up Hdwy	2.23	-	-	2.23	-	-	3.8	-	3.9
Pot Cap-1 Maneuver	604	-	-	695	-	-	229	0	614
Stage 1	-	-	-	-	-	-	411	0	-
Stage 2	-	-	-	-	-	-	566	0	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	596	-	-	695	-	-	181	0	606
Mov Cap-2 Maneuver	-	-	-	-	-	-	181	0	-
Stage 1	-	-	-	-	-	-	330	0	-
Stage 2	-	-	-	-	-	-	556	0	-

Approach	EB	WB	SB
HCM Control Delay, s/v	1.26	0.03	16.91
HCM LOS			C

Minor Lane/Major Mvmt	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1	SBLn2
Capacity (veh/h)	596	-	-	695	-	-	181	606
HCM Lane V/C Ratio	0.185	-	-	0.005	-	-	0.204	0.408
HCM Control Delay (s/veh)	12.4	-	-	10.2	-	-	29.9	15
HCM Lane LOS	B	-	-	B	-	-	D	B
HCM 95th %tile Q(veh)	0.7	-	-	0	-	-	0.7	2

Timings  
4: NW 87th Avenue & NW 33rd Street

Existing Conditions  
P.M. Peak Hour

Lane Group	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Lane Configurations								
Traffic Volume (vph)	360	404	120	507	197	1408	104	1157
Future Volume (vph)	360	404	120	507	197	1408	104	1157
Turn Type	Prot	NA	pm+pt	NA	pm+pt	NA	pm+pt	NA
Protected Phases	3	8	7	4	1	6	5	2
Permitted Phases			4		6		2	
Detector Phase	3	8	7	4	1	6	5	2
Switch Phase								
Minimum Initial (s)	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
Minimum Split (s)	13.7	31.7	13.7	31.7	13.4	33.4	13.4	37.4
Total Split (s)	28.0	34.0	38.0	44.0	19.0	88.0	20.0	89.0
Total Split (%)	15.6%	18.9%	21.1%	24.4%	10.6%	48.9%	11.1%	49.4%
Yellow Time (s)	4.0	4.0	4.0	4.0	4.4	4.4	4.4	4.4
All-Red Time (s)	2.7	2.7	2.7	2.7	2.0	2.0	2.0	2.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	6.7	6.7	6.7	6.7	6.4	6.4	6.4	6.4
Lead/Lag	Lead	Lag	Lead	Lag	Lead	Lag	Lead	Lag
Lead-Lag Optimize?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recall Mode	None	None	None	None	None	C-Max	None	C-Max
Act Effct Green (s)	21.2	44.6	51.4	37.4	97.8	85.2	92.6	82.6
Actuated g/C Ratio	0.12	0.25	0.29	0.21	0.54	0.47	0.51	0.46
v/c Ratio	0.94	0.78	0.59	0.97	1.08	0.66	0.64	0.71
Control Delay (s/veh)	109.2	65.2	52.0	95.1	124.6	38.1	38.4	39.8
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	109.2	65.2	52.0	95.1	124.6	38.1	38.4	39.8
LOS	F	E	D	F	F	D	D	D
Approach Delay (s/veh)		81.1		88.5		48.1		39.7
Approach LOS		F		F		D		D

Intersection Summary






















Cycle Length: 180  
 Actuated Cycle Length: 180  
 Offset: 54 (30%), Referenced to phase 2:SBTL and 6:NBTL, Start of Yellow  
 Natural Cycle: 110  
 Control Type: Actuated-Coordinated  
 Maximum v/c Ratio: 1.08  
 Intersection Signal Delay (s/veh): 58.2  
 Intersection Capacity Utilization 93.2%  
 Analysis Period (min) 15  
 Intersection LOS: E  
 ICU Level of Service F

Splits and Phases: 4: NW 87th Avenue & NW 33rd Street



HCM 7th Signalized Intersection Summary  
4: NW 87th Avenue & NW 33rd Street

Existing Conditions  
P.M. Peak Hour

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	360	404	233	120	507	159	197	1408	95	104	1157	349
Future Volume (veh/h)	360	404	233	120	507	159	197	1408	95	104	1157	349
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		0.99	1.00		0.99	1.00		0.98	1.00		0.98
Parking Bus, Adj	1.00	1.00	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856
Adj Flow Rate, veh/h	375	421	187	125	528	144	205	1467	91	108	1205	306
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	3	3	3	3	3	3	3	3	3	3	3	3
Cap, veh/h	406	593	260	230	559	152	256	2375	147	219	1846	469
Arrive On Green	0.12	0.26	0.26	0.07	0.20	0.20	0.09	0.65	0.65	0.06	0.61	0.61
Sat Flow, veh/h	3428	2321	1019	1767	2732	741	1767	4868	302	1767	3999	1015
Grp Volume(v), veh/h	375	318	290	125	340	332	205	1018	540	108	1017	494
Grp Sat Flow(s),veh/h/ln	1714	1763	1578	1767	1763	1710	1767	1689	1793	1767	1689	1638
Q Serve(g_s), s	19.5	29.6	30.1	10.0	34.2	34.5	11.2	31.8	31.8	5.8	34.9	35.0
Cycle Q Clear(g_c), s	19.5	29.6	30.1	10.0	34.2	34.5	11.2	31.8	31.8	5.8	34.9	35.0
Prop In Lane	1.00		0.65	1.00		0.43	1.00		0.17	1.00		0.62
Lane Grp Cap(c), veh/h	406	450	403	230	361	350	256	1648	875	219	1559	756
V/C Ratio(X)	0.92	0.71	0.72	0.54	0.94	0.95	0.80	0.62	0.62	0.49	0.65	0.65
Avail Cap(c_a), veh/h	406	450	403	418	365	354	256	1648	875	276	1559	756
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.33	1.33	1.33	1.33	1.33	1.33
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	78.6	60.9	61.1	52.8	70.5	70.7	29.7	21.8	21.8	26.1	25.5	25.5
Incr Delay (d2), s/veh	26.6	4.7	5.8	1.5	32.1	34.4	15.5	1.7	3.3	0.6	2.1	4.4
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	15.4	20.1	18.7	8.1	25.8	25.6	9.6	17.7	19.1	4.5	19.7	19.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	105.1	65.7	66.9	54.2	102.7	105.0	45.2	23.5	25.0	26.7	27.6	29.8
LnGrp LOS	F	E	E	D	F	F	D	C	C	C	C	C
Approach Vol, veh/h		983			797			1763			1619	
Approach Delay, s/veh		81.1			96.1			26.5			28.2	
Approach LOS		F			F			C			C	
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	19.0	89.5	28.0	43.5	14.3	94.2	18.9	52.7				
Change Period (Y+Rc), s	6.4	6.4	6.7	6.7	6.4	6.4	6.7	6.7				
Max Green Setting (Gmax), s	12.6	82.6	21.3	37.3	13.6	81.6	31.3	27.3				
Max Q Clear Time (g_c+I1), s	13.2	37.0	21.5	36.5	7.8	33.8	12.0	32.1				
Green Ext Time (p_c), s	0.0	4.9	0.0	0.3	0.1	4.9	0.2	0.0				
<b>Intersection Summary</b>												
HCM 7th Control Delay, s/veh			48.2									
HCM 7th LOS			D									

Future Background P.M. Peak Hour

Timings  
1: NW 92nd Avenue & NW 33rd Street

Future Background Conditions  
P.M. Peak Hour

Lane Group	EBT	WBL	WBT	NBL	NBR
Lane Configurations	↑↑	↑	↑↑	↑	↑
Traffic Volume (vph)	986	187	1186	142	149
Future Volume (vph)	986	187	1186	142	149
Turn Type	NA	Prot	NA	Prot	pm+ov
Protected Phases	6	5	2	4	5
Permitted Phases			2		4
Detector Phase	6	5	2	4	5
Switch Phase					
Minimum Initial (s)	7.0	5.0	7.0	5.0	5.0
Minimum Split (s)	28.0	11.0	24.2	27.0	11.0
Total Split (s)	40.0	23.0	63.0	27.0	23.0
Total Split (%)	44.4%	25.6%	70.0%	30.0%	25.6%
Yellow Time (s)	4.0	4.0	4.0	4.0	4.0
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	6.0	6.0	6.0	6.0	6.0
Lead/Lag	Lag	Lead			Lead
Lead-Lag Optimize?	Yes	Yes			Yes
Recall Mode	C-Max	None	C-Max	None	None
Act Effct Green (s)	45.7	14.3	66.0	12.0	32.3
Actuated g/C Ratio	0.51	0.16	0.73	0.13	0.36
v/c Ratio	0.66	0.71	0.49	0.64	0.27
Control Delay (s/veh)	20.3	47.1	5.5	48.9	16.3
Queue Delay	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	20.3	47.1	5.5	48.9	16.3
LOS	C	D	A	D	B
Approach Delay (s/veh)	20.3		11.2	32.1	
Approach LOS	C		B	C	

Intersection Summary

Cycle Length: 90  
 Actuated Cycle Length: 90  
 Offset: 0 (0%), Referenced to phase 2:WBT and 6:EBT, Start of Yellow  
 Natural Cycle: 75  
 Control Type: Actuated-Coordinated  
 Maximum v/c Ratio: 0.71  
 Intersection Signal Delay (s/veh): 17.0  
 Intersection Capacity Utilization 63.9%  
 Analysis Period (min) 15  
 Intersection LOS: B  
 ICU Level of Service B












Splits and Phases: 1: NW 92nd Avenue & NW 33rd Street





HCM 7th Signalized Intersection Summary  
 1: NW 92nd Avenue & NW 33rd Street

Future Background Conditions  
 P.M. Peak Hour

						
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	986	107	187	1186	142	149
Future Volume (veh/h)	986	107	187	1186	142	149
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)		0.98	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1856	1856	1856	1856	1856	1856
Adj Flow Rate, veh/h	1038	113	197	1248	149	157
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	3	3	3	3	3	3
Cap, veh/h	1787	194	231	2665	196	380
Arrive On Green	0.56	0.56	0.17	1.00	0.11	0.11
Sat Flow, veh/h	3292	348	1767	3618	1767	1572
Grp Volume(v), veh/h	572	579	197	1248	149	157
Grp Sat Flow(s),veh/h/ln	1763	1784	1767	1763	1767	1572
Q Serve(g_s), s	19.1	19.1	9.7	0.0	7.4	7.6
Cycle Q Clear(g_c), s	19.1	19.1	9.7	0.0	7.4	7.6
Prop In Lane		0.20	1.00		1.00	1.00
Lane Grp Cap(c), veh/h	985	997	231	2665	196	380
V/C Ratio(X)	0.58	0.58	0.85	0.47	0.76	0.41
Avail Cap(c_a), veh/h	985	997	334	2665	412	573
HCM Platoon Ratio	1.00	1.00	1.33	1.33	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	13.0	13.0	36.3	0.0	38.9	28.8
Incr Delay (d2), s/veh	2.5	2.5	9.6	0.6	2.3	0.3
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	12.1	12.2	8.1	0.4	5.9	11.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	15.5	15.5	46.0	0.6	41.2	29.0
LnGrp LOS	B	B	D	A	D	C
Approach Vol, veh/h	1151			1445	306	
Approach Delay, s/veh	15.5			6.8	35.0	
Approach LOS	B			A	C	
Timer - Assigned Phs		2		4	5	6
Phs Duration (G+Y+Rc), s		74.0		16.0	17.8	56.3
Change Period (Y+Rc), s		6.0		6.0	6.0	6.0
Max Green Setting (Gmax), s		57.0		21.0	17.0	34.0
Max Q Clear Time (g_c+I1), s		2.0		9.6	11.7	21.1
Green Ext Time (p_c), s		13.5		0.4	0.1	6.3
<b>Intersection Summary</b>						
HCM 7th Control Delay, s/veh			13.2			
HCM 7th LOS			B			

HCM 7th TWSC  
2: NW 33rd Street & NW 91st Avenue

Future Background Conditions  
P.M. Peak Hour

Intersection													
Int Delay, s/veh	1.6												
Movement	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↔	↔		↔	↔		↔		↔	↔		↔
Traffic Vol, veh/h	1	45	1046	43	44	1301	38	32	0	38	36	0	37
Future Vol, veh/h	1	45	1046	43	44	1301	38	32	0	38	36	0	37
Conflicting Peds, #/hr	0	3	0	0	0	0	3	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	175	-	-	50	-	-	0	-	0	50	-	0
Veh in Median Storage, #	-	-	0	-	-	0	-	-	1	-	-	1	-
Grade, %	-	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehicles, %	3	3	3	3	3	3	3	3	3	3	3	3	3
Mvmt Flow	1	48	1113	46	47	1384	40	34	0	40	38	0	39

Major/Minor	Major1				Major2				Minor1				Minor2			
Conflicting Flow All	1424	1427	0	0	1159	0	0	2017	-	1136	2709	-	715			
Stage 1	-	-	-	-	-	-	-	1231	-	-	1501	-	-			
Stage 2	-	-	-	-	-	-	-	786	-	-	1209	-	-			
Critical Hdwy	6.945	4.145	-	-	4.145	-	-	4.4	-	4.9	4.4	-	4.9			
Critical Hdwy Stg 1	-	-	-	-	-	-	-	4.4	-	-	4.4	-	-			
Critical Hdwy Stg 2	-	-	-	-	-	-	-	4.4	-	-	4.4	-	-			
Follow-up Hdwy	3.1285	2.2285	-	-	2.2285	-	-	3.8	-	3.9	3.8	-	3.9			
Pot Cap-1 Maneuver	129	470	-	-	596	-	-	195	0	342	105	0	501			
Stage 1	-	-	-	-	-	-	-	376	0	-	302	0	-			
Stage 2	-	-	-	-	-	-	-	534	0	-	383	0	-			
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-	-			
Mov Cap-1 Maneuver	441	441	-	-	596	-	-	147	-	342	75	-	500			
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	233	-	-	155	-	-			
Stage 1	-	-	-	-	-	-	-	334	-	-	277	-	-			
Stage 2	-	-	-	-	-	-	-	453	-	-	300	-	-			

Approach	EB	WB	NB	SB
HCM Control Delay, s/v	0.58	0.37	19.74	24.08
HCM LOS			C	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1	SBLn2
Capacity (veh/h)	233	342	441	-	-	596	-	-	155	500
HCM Lane V/C Ratio	0.146	0.118	0.111	-	-	0.079	-	-	0.247	0.079
HCM Control Delay (s/veh)	23.1	16.9	14.2	-	-	11.6	-	-	35.7	12.8
HCM Lane LOS	C	C	B	-	-	B	-	-	E	B
HCM 95th %tile Q(veh)	0.5	0.4	0.4	-	-	0.3	-	-	0.9	0.3

HCM 7th TWSC  
3: NW 33rd Street & NW 89th Court

Future Background Conditions  
P.M. Peak Hour

Intersection													
Int Delay, s/veh	9.3												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	
Lane Configurations	↔	↑↓		↔	↑↓					↔		↔	
Traffic Vol, veh/h	123	997	2	3	1105	101	0	0	0	136	0	269	
Future Vol, veh/h	123	997	2	3	1105	101	0	0	0	136	0	269	
Conflicting Peds, #/hr	13	0	1	1	0	13	0	0	0	0	0	0	
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop	
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None	
Storage Length	50	-	-	80	-	-	-	-	-	50	-	0	
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-	
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-	
Peak Hour Factor	95	95	95	95	95	95	95	95	95	95	95	95	
Heavy Vehicles, %	3	3	3	3	3	3	3	3	3	3	3	3	
Mvmt Flow	129	1049	2	3	1163	106	0	0	0	143	0	283	

Major/Minor	Major1			Major2			Minor2		
Conflicting Flow All	1282	0	0	1053	0	0	2019	-	648
Stage 1	-	-	-	-	-	-	1236	-	-
Stage 2	-	-	-	-	-	-	784	-	-
Critical Hdwy	4.16	-	-	4.16	-	-	4.4	-	4.4
Critical Hdwy Stg 1	-	-	-	-	-	-	4.4	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	4.4	-	-
Follow-up Hdwy	2.23	-	-	2.23	-	-	3.8	-	3.9
Pot Cap-1 Maneuver	532	-	-	651	-	-	194	0	582
Stage 1	-	-	-	-	-	-	375	0	-
Stage 2	-	-	-	-	-	-	534	0	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	525	-	-	651	-	-	~ 142	0	575
Mov Cap-2 Maneuver	-	-	-	-	-	-	~ 142	0	-
Stage 1	-	-	-	-	-	-	279	0	-
Stage 2	-	-	-	-	-	-	525	0	-

Approach	EB	WB	SB
HCM Control Delay, s/v	1.54	0.03	58.25
HCM LOS			F

Minor Lane/Major Mvmt	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1	SBLn2
Capacity (veh/h)	525	-	-	651	-	-	142	575
HCM Lane V/C Ratio	0.247	-	-	0.005	-	-	1.008	0.493
HCM Control Delay (s/veh)	14.1	-	-	10.6	-	-	139.5	17.2
HCM Lane LOS	B	-	-	B	-	-	F	C
HCM 95th %tile Q(veh)	1	-	-	0	-	-	7.4	2.7

Notes  
 -: Volume exceeds capacity    \$: Delay exceeds 300s    +: Computation Not Defined    \*: All major volume in platoon

Timings  
4: NW 87th Avenue & NW 33rd Street

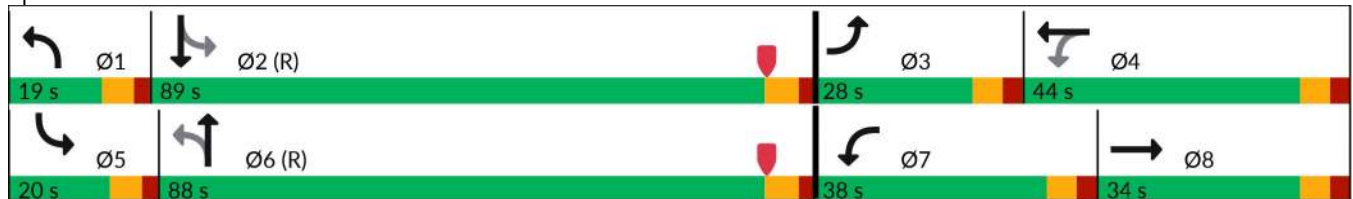
Future Background Conditions  
P.M. Peak Hour

Lane Group	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Lane Configurations								
Traffic Volume (vph)	492	424	124	528	211	1528	112	1277
Future Volume (vph)	492	424	124	528	211	1528	112	1277
Turn Type	Prot	NA	pm+pt	NA	pm+pt	NA	pm+pt	NA
Protected Phases	3	8	7	4	1	6	5	2
Permitted Phases			4		6		2	
Detector Phase	3	8	7	4	1	6	5	2
Switch Phase								
Minimum Initial (s)	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
Minimum Split (s)	13.7	31.7	13.7	31.7	13.4	33.4	13.4	37.4
Total Split (s)	28.0	34.0	38.0	44.0	19.0	88.0	20.0	89.0
Total Split (%)	15.6%	18.9%	21.1%	24.4%	10.6%	48.9%	11.1%	49.4%
Yellow Time (s)	4.0	4.0	4.0	4.0	4.4	4.4	4.4	4.4
All-Red Time (s)	2.7	2.7	2.7	2.7	2.0	2.0	2.0	2.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	6.7	6.7	6.7	6.7	6.4	6.4	6.4	6.4
Lead/Lag	Lead	Lag	Lead	Lag	Lead	Lag	Lead	Lag
Lead-Lag Optimize?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recall Mode	None	None	None	None	None	C-Max	None	C-Max
Act Effct Green (s)	21.3	44.3	51.6	37.3	96.9	84.3	93.5	82.6
Actuated g/C Ratio	0.12	0.25	0.29	0.21	0.54	0.47	0.52	0.46
v/c Ratio	1.28	0.83	0.65	1.02	1.35	0.73	0.74	0.82
Control Delay (s/veh)	199.6	66.1	55.6	105.0	231.1	40.9	57.3	44.4
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	199.6	66.1	55.6	105.0	231.1	40.9	57.3	44.4
LOS	F	E	E	F	F	D	E	D
Approach Delay (s/veh)		122.2		97.6		62.8		45.1
Approach LOS		F		F		E		D

Intersection Summary






















Cycle Length: 180  
 Actuated Cycle Length: 180  
 Offset: 54 (30%), Referenced to phase 2:SBTL and 6:NBTL, Start of Yellow  
 Natural Cycle: 130  
 Control Type: Actuated-Coordinated  
 Maximum v/c Ratio: 1.35  
 Intersection Signal Delay (s/veh): 74.4  
 Intersection Capacity Utilization 103.0%  
 Analysis Period (min) 15  
 Intersection LOS: E  
 ICU Level of Service G

Splits and Phases: 4: NW 87th Avenue & NW 33rd Street



HCM 7th Signalized Intersection Summary  
4: NW 87th Avenue & NW 33rd Street

Future Background Conditions  
P.M. Peak Hour

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	492	424	254	124	528	169	211	1528	98	112	1277	450
Future Volume (veh/h)	492	424	254	124	528	169	211	1528	98	112	1277	450
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		0.99	1.00		0.99	1.00		0.98	1.00		0.98
Parking Bus, Adj	1.00	1.00	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856
Adj Flow Rate, veh/h	512	442	209	129	550	154	220	1592	94	117	1330	411
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	3	3	3	3	3	3	3	3	3	3	3	3
Cap, veh/h	406	582	272	231	562	157	220	2356	139	202	1748	538
Arrive On Green	0.20	0.43	0.43	0.07	0.21	0.21	0.09	0.64	0.64	0.06	0.61	0.61
Sat Flow, veh/h	3428	2269	1063	1767	2714	757	1767	4885	288	1767	3810	1172
Grp Volume(v), veh/h	512	342	309	129	357	347	220	1100	586	117	1178	563
Grp Sat Flow(s),veh/h/ln	1714	1763	1569	1767	1763	1708	1767	1689	1796	1767	1689	1605
Q Serve(g_s), s	21.3	29.6	30.2	10.3	36.2	36.5	12.6	37.1	37.2	6.4	45.7	46.1
Cycle Q Clear(g_c), s	21.3	29.6	30.2	10.3	36.2	36.5	12.6	37.1	37.2	6.4	45.7	46.1
Prop In Lane	1.00		0.68	1.00		0.44	1.00		0.16	1.00		0.73
Lane Grp Cap(c), veh/h	406	452	402	231	365	354	220	1629	866	202	1550	737
V/C Ratio(X)	1.26	0.76	0.77	0.56	0.98	0.98	1.00	0.68	0.68	0.58	0.76	0.76
Avail Cap(c_a), veh/h	406	452	402	416	365	354	220	1629	866	254	1550	737
HCM Platoon Ratio	1.67	1.67	1.67	1.00	1.00	1.00	1.33	1.33	1.33	1.33	1.33	1.33
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	72.2	46.7	46.9	52.3	70.9	71.0	37.2	23.4	23.4	28.1	27.9	28.0
Incr Delay (d2), s/veh	136.4	6.9	8.3	1.6	40.5	42.8	61.3	2.3	4.2	1.0	3.6	7.4
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	25.6	18.8	17.5	8.3	28.0	27.6	13.6	20.4	22.1	4.9	24.9	24.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	208.6	53.7	55.2	53.9	111.4	113.8	98.5	25.6	27.6	29.1	31.4	35.4
LnGrp LOS	F	D	E	D	F	F	F	C	C	C	C	D
Approach Vol, veh/h		1163			833			1906			1858	
Approach Delay, s/veh		122.3			103.5			34.6			32.5	
Approach LOS		F			F			C			C	
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	19.0	89.0	28.0	44.0	14.8	93.2	19.2	52.8				
Change Period (Y+Rc), s	6.4	6.4	6.7	6.7	6.4	6.4	6.7	6.7				
Max Green Setting (Gmax), s	12.6	82.6	21.3	37.3	13.6	81.6	31.3	27.3				
Max Q Clear Time (g_c+I1), s	14.6	48.1	23.3	38.5	8.4	39.2	12.3	32.2				
Green Ext Time (p_c), s	0.0	6.1	0.0	0.0	0.1	5.5	0.2	0.0				
<b>Intersection Summary</b>												
HCM 7th Control Delay, s/veh			61.6									
HCM 7th LOS			E									

Future Total P.M. Peak Hour

Timings  
1: NW 92nd Avenue & NW 33rd Street

Future Total Conditions  
P.M. Peak Hour

Lane Group	EBT	WBL	WBT	NBL	NBR
Lane Configurations	↑↑	↑	↑↑	↑	↑
Traffic Volume (vph)	986	188	1190	142	149
Future Volume (vph)	986	188	1190	142	149
Turn Type	NA	Prot	NA	Prot	pm+ov
Protected Phases	6	5	2	4	5
Permitted Phases			2		4
Detector Phase	6	5	2	4	5
Switch Phase					
Minimum Initial (s)	7.0	5.0	7.0	5.0	5.0
Minimum Split (s)	28.0	11.0	24.2	27.0	11.0
Total Split (s)	40.0	23.0	63.0	27.0	23.0
Total Split (%)	44.4%	25.6%	70.0%	30.0%	25.6%
Yellow Time (s)	4.0	4.0	4.0	4.0	4.0
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	6.0	6.0	6.0	6.0	6.0
Lead/Lag	Lag	Lead			Lead
Lead-Lag Optimize?	Yes	Yes			Yes
Recall Mode	C-Max	None	C-Max	None	None
Act Effct Green (s)	45.6	14.4	66.0	12.0	32.4
Actuated g/C Ratio	0.51	0.16	0.73	0.13	0.36
v/c Ratio	0.66	0.71	0.49	0.64	0.27
Control Delay (s/veh)	20.4	47.0	5.5	48.9	16.2
Queue Delay	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	20.4	47.0	5.5	48.9	16.2
LOS	C	D	A	D	B
Approach Delay (s/veh)	20.4		11.2	32.1	
Approach LOS	C		B	C	

Intersection Summary















Cycle Length: 90  
 Actuated Cycle Length: 90  
 Offset: 0 (0%), Referenced to phase 2:WBT and 6:EBT, Start of Yellow  
 Natural Cycle: 75  
 Control Type: Actuated-Coordinated  
 Maximum v/c Ratio: 0.71  
 Intersection Signal Delay (s/veh): 17.0  
 Intersection Capacity Utilization 63.9%  
 Analysis Period (min) 15  
 Intersection LOS: B  
 ICU Level of Service B

Splits and Phases: 1: NW 92nd Avenue & NW 33rd Street



HCM 7th Signalized Intersection Summary  
 1: NW 92nd Avenue & NW 33rd Street

Future Total Conditions  
 P.M. Peak Hour

						
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	 			 		 
Traffic Volume (veh/h)	986	107	188	1190	142	149
Future Volume (veh/h)	986	107	188	1190	142	149
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)		0.98	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1856	1856	1856	1856	1856	1856
Adj Flow Rate, veh/h	1038	113	198	1253	149	157
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	3	3	3	3	3	3
Cap, veh/h	1785	194	232	2666	195	380
Arrive On Green	0.56	0.56	0.17	1.00	0.11	0.11
Sat Flow, veh/h	3292	348	1767	3618	1767	1572
Grp Volume(v), veh/h	572	579	198	1253	149	157
Grp Sat Flow(s),veh/h/ln	1763	1784	1767	1763	1767	1572
Q Serve(g_s), s	19.1	19.1	9.8	0.0	7.4	7.6
Cycle Q Clear(g_c), s	19.1	19.1	9.8	0.0	7.4	7.6
Prop In Lane		0.20	1.00		1.00	1.00
Lane Grp Cap(c), veh/h	984	996	232	2666	195	380
V/C Ratio(X)	0.58	0.58	0.85	0.47	0.76	0.41
Avail Cap(c_a), veh/h	984	996	334	2666	412	574
HCM Platoon Ratio	1.00	1.00	1.33	1.33	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	13.0	13.0	36.3	0.0	38.9	28.7
Incr Delay (d2), s/veh	2.5	2.5	9.8	0.6	2.3	0.3
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	12.1	12.2	8.1	0.4	5.9	11.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	15.5	15.5	46.1	0.6	41.2	29.0
LnGrp LOS	B	B	D	A	D	C
Approach Vol, veh/h	1151			1451	306	
Approach Delay, s/veh	15.5			6.8	34.9	
Approach LOS	B			A	C	
Timer - Assigned Phs		2		4	5	6
Phs Duration (G+Y+Rc), s		74.0		16.0	17.8	56.2
Change Period (Y+Rc), s		6.0		6.0	6.0	6.0
Max Green Setting (Gmax), s		57.0		21.0	17.0	34.0
Max Q Clear Time (g_c+I1), s		2.0		9.6	11.8	21.1
Green Ext Time (p_c), s		13.6		0.4	0.1	6.3
<b>Intersection Summary</b>						
HCM 7th Control Delay, s/veh			13.2			
HCM 7th LOS			B			



HCM 7th TWSC  
2: NW 33rd Street & NW 91st Avenue

Future Total Conditions  
P.M. Peak Hour

Intersection													
Int Delay, s/veh	1.5												
Movement	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↔	↕		↔	↕		↔		↕	↔		↕
Traffic Vol, veh/h	1	45	1046	43	44	1301	38	32	0	38	43	0	42
Future Vol, veh/h	1	45	1046	43	44	1301	38	32	0	38	43	0	42
Conflicting Peds, #/hr	0	3	0	0	0	0	3	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	175	-	-	50	-	-	0	-	0	50	-	0
Veh in Median Storage, #	-	-	0	-	-	0	-	-	1	-	-	1	-
Grade, %	-	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehicles, %	3	3	3	3	3	3	3	3	3	3	3	3	3
Mvmt Flow	1	48	1113	46	47	1384	40	34	0	40	46	0	45

Major/Minor	Major1				Major2				Minor1				Minor2			
Conflicting Flow All	1424	1427	0	0	1159	0	0	2019	-	579	2155	-	715			
Stage 1	-	-	-	-	-	-	-	1234	-	-	1501	-	-			
Stage 2	-	-	-	-	-	-	-	786	-	-	654	-	-			
Critical Hdwy	6.46	4.16	-	-	4.16	-	-	4.4	-	4.9	4.4	-	4.9			
Critical Hdwy Stg 1	-	-	-	-	-	-	-	4.4	-	-	4.4	-	-			
Critical Hdwy Stg 2	-	-	-	-	-	-	-	4.4	-	-	4.4	-	-			
Follow-up Hdwy	2.53	2.23	-	-	2.23	-	-	3.8	-	3.9	3.8	-	3.9			
Pot Cap-1 Maneuver	175	467	-	-	593	-	-	194	0	565	172	0	501			
Stage 1	-	-	-	-	-	-	-	375	0	-	302	0	-			
Stage 2	-	-	-	-	-	-	-	534	0	-	590	0	-			
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-	-			
Mov Cap-1 Maneuver	447	447	-	-	593	-	-	145	-	565	131	-	500			
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	231	-	-	210	-	-			
Stage 1	-	-	-	-	-	-	-	334	-	-	277	-	-			
Stage 2	-	-	-	-	-	-	-	448	-	-	488	-	-			

Approach	EB	WB	NB	SB
HCM Control Delay, s/v 0.57		0.37	17.06	19.96
HCM LOS			C	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1	SBLn2
Capacity (veh/h)	231	565	447	-	-	593	-	-	210	500
HCM Lane V/C Ratio	0.147	0.072	0.109	-	-	0.079	-	-	0.218	0.089
HCM Control Delay (s/veh)	23.2	11.9	14	-	-	11.6	-	-	26.8	12.9
HCM Lane LOS	C	B	B	-	-	B	-	-	D	B
HCM 95th %tile Q(veh)	0.5	0.2	0.4	-	-	0.3	-	-	0.8	0.3

HCM 7th TWSC  
3: NW 33rd Street & NW 89th Court

Future Total Conditions  
P.M. Peak Hour

Intersection												
Int Delay, s/veh	9.3											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↔	↕↕		↔	↕↕					↕		↕
Traffic Vol, veh/h	123	1004	2	3	1105	101	0	0	0	136	0	269
Future Vol, veh/h	123	1004	2	3	1105	101	0	0	0	136	0	269
Conflicting Peds, #/hr	13	0	1	1	0	13	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	50	-	-	80	-	-	-	-	-	50	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	95	95	95	95	95	95	95	95	95	95	95	95
Heavy Vehicles, %	3	3	3	3	3	3	3	3	3	3	3	3
Mvmt Flow	129	1057	2	3	1163	106	0	0	0	143	0	283

Major/Minor	Major1			Major2			Minor2		
Conflicting Flow All	1282	0	0	1060	0	0	2023	-	648
Stage 1	-	-	-	-	-	-	1236	-	-
Stage 2	-	-	-	-	-	-	787	-	-
Critical Hdwy	4.16	-	-	4.16	-	-	4.4	-	4.4
Critical Hdwy Stg 1	-	-	-	-	-	-	4.4	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	4.4	-	-
Follow-up Hdwy	2.23	-	-	2.23	-	-	3.8	-	3.9
Pot Cap-1 Maneuver	532	-	-	647	-	-	194	0	582
Stage 1	-	-	-	-	-	-	375	0	-
Stage 2	-	-	-	-	-	-	533	0	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	525	-	-	647	-	-	~ 142	0	575
Mov Cap-2 Maneuver	-	-	-	-	-	-	~ 142	0	-
Stage 1	-	-	-	-	-	-	279	0	-
Stage 2	-	-	-	-	-	-	524	0	-

Approach	EB	WB	SB
HCM Control Delay, s/v	1.53	0.03	58.65
HCM LOS			F

Minor Lane/Major Mvmt	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1	SBLn2
Capacity (veh/h)	525	-	-	647	-	-	142	575
HCM Lane V/C Ratio	0.247	-	-	0.005	-	-	1.011	0.493
HCM Control Delay (s/veh)	14.1	-	-	10.6	-	-	140.6	17.2
HCM Lane LOS	B	-	-	B	-	-	F	C
HCM 95th %tile Q(veh)	1	-	-	0	-	-	7.4	2.7

Notes  
 -: Volume exceeds capacity    \$: Delay exceeds 300s    +: Computation Not Defined    \*: All major volume in platoon

Timings  
4: NW 87th Avenue & NW 33rd Street

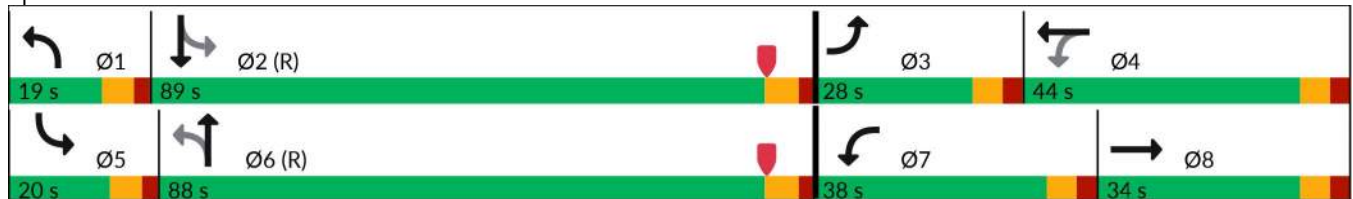
Future Total Conditions  
P.M. Peak Hour

Lane Group	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Lane Configurations								
Traffic Volume (vph)	496	424	124	528	211	1528	112	1277
Future Volume (vph)	496	424	124	528	211	1528	112	1277
Turn Type	Prot	NA	pm+pt	NA	pm+pt	NA	pm+pt	NA
Protected Phases	3	8	7	4	1	6	5	2
Permitted Phases			4		6		2	
Detector Phase	3	8	7	4	1	6	5	2
Switch Phase								
Minimum Initial (s)	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
Minimum Split (s)	13.7	31.7	13.7	31.7	13.4	33.4	13.4	37.4
Total Split (s)	28.0	34.0	38.0	44.0	19.0	88.0	20.0	89.0
Total Split (%)	15.6%	18.9%	21.1%	24.4%	10.6%	48.9%	11.1%	49.4%
Yellow Time (s)	4.0	4.0	4.0	4.0	4.4	4.4	4.4	4.4
All-Red Time (s)	2.7	2.7	2.7	2.7	2.0	2.0	2.0	2.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	6.7	6.7	6.7	6.7	6.4	6.4	6.4	6.4
Lead/Lag	Lead	Lag	Lead	Lag	Lead	Lag	Lead	Lag
Lead-Lag Optimize?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recall Mode	None	None	None	None	None	C-Max	None	C-Max
Act Effct Green (s)	21.3	44.3	51.6	37.3	96.9	84.3	93.5	82.6
Actuated g/C Ratio	0.12	0.25	0.29	0.21	0.54	0.47	0.52	0.46
v/c Ratio	1.29	0.84	0.65	1.02	1.35	0.73	0.74	0.82
Control Delay (s/veh)	203.3	66.1	55.8	105.0	231.1	40.9	57.3	44.4
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	203.3	66.1	55.8	105.0	231.1	40.9	57.3	44.4
LOS	F	E	E	F	F	D	E	D
Approach Delay (s/veh)		123.9		97.6		62.8		45.1
Approach LOS		F		F		E		D

Intersection Summary






















Cycle Length: 180  
 Actuated Cycle Length: 180  
 Offset: 54 (30%), Referenced to phase 2:SBTL and 6:NBTL, Start of Yellow  
 Natural Cycle: 130  
 Control Type: Actuated-Coordinated  
 Maximum v/c Ratio: 1.35  
 Intersection Signal Delay (s/veh): 74.8  
 Intersection Capacity Utilization 103.1%  
 Analysis Period (min) 15  
 Intersection LOS: E  
 ICU Level of Service G

Splits and Phases: 4: NW 87th Avenue & NW 33rd Street



HCM 7th Signalized Intersection Summary  
4: NW 87th Avenue & NW 33rd Street

Future Total Conditions  
P.M. Peak Hour

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	496	424	257	124	528	169	211	1528	98	112	1277	450
Future Volume (veh/h)	496	424	257	124	528	169	211	1528	98	112	1277	450
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		0.99	1.00		0.99	1.00		0.98	1.00		0.98
Parking Bus, Adj	1.00	1.00	0.96	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856
Adj Flow Rate, veh/h	517	442	212	129	550	154	220	1592	94	117	1330	411
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	3	3	3	3	3	3	3	3	3	3	3	3
Cap, veh/h	406	579	275	230	562	157	220	2356	139	202	1748	538
Arrive On Green	0.20	0.43	0.43	0.07	0.21	0.21	0.09	0.64	0.64	0.06	0.61	0.61
Sat Flow, veh/h	3428	2258	1072	1767	2714	757	1767	4885	288	1767	3810	1172
Grp Volume(v), veh/h	517	344	310	129	357	347	220	1100	586	117	1178	563
Grp Sat Flow(s),veh/h/ln	1714	1763	1567	1767	1763	1708	1767	1689	1796	1767	1689	1605
Q Serve(g_s), s	21.3	29.8	30.4	10.3	36.2	36.5	12.6	37.1	37.2	6.4	45.7	46.1
Cycle Q Clear(g_c), s	21.3	29.8	30.4	10.3	36.2	36.5	12.6	37.1	37.2	6.4	45.7	46.1
Prop In Lane	1.00		0.68	1.00		0.44	1.00		0.16	1.00		0.73
Lane Grp Cap(c), veh/h	406	452	402	230	365	354	220	1629	866	202	1550	737
V/C Ratio(X)	1.27	0.76	0.77	0.56	0.98	0.98	1.00	0.68	0.68	0.58	0.76	0.76
Avail Cap(c_a), veh/h	406	452	402	415	365	354	220	1629	866	254	1550	737
HCM Platoon Ratio	1.67	1.67	1.67	1.00	1.00	1.00	1.33	1.33	1.33	1.33	1.33	1.33
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	72.2	46.8	47.0	52.4	70.9	71.0	37.2	23.4	23.4	28.1	27.9	28.0
Incr Delay (d2), s/veh	141.5	7.1	8.6	1.6	40.5	42.8	61.3	2.3	4.2	1.0	3.6	7.4
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	26.0	18.9	17.6	8.3	28.0	27.6	13.6	20.4	22.1	4.9	24.9	24.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	213.7	53.9	55.5	54.0	111.4	113.8	98.5	25.6	27.6	29.1	31.4	35.4
LnGrp LOS	F	D	E	D	F	F	F	C	C	C	C	D
Approach Vol, veh/h		1171			833			1906			1858	
Approach Delay, s/veh		124.9			103.5			34.6			32.5	
Approach LOS		F			F			C			C	
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	19.0	89.0	28.0	44.0	14.8	93.2	19.2	52.8				
Change Period (Y+Rc), s	6.4	6.4	6.7	6.7	6.4	6.4	6.7	6.7				
Max Green Setting (Gmax), s	12.6	82.6	21.3	37.3	13.6	81.6	31.3	27.3				
Max Q Clear Time (g_c+I1), s	14.6	48.1	23.3	38.5	8.4	39.2	12.3	32.4				
Green Ext Time (p_c), s	0.0	6.1	0.0	0.0	0.1	5.5	0.2	0.0				
<b>Intersection Summary</b>												
HCM 7th Control Delay, s/veh			62.2									
HCM 7th LOS			E									

HCM 7th Roundabout  
 5: NW 91st Avenue & West Project Driveway/East Project Driveway

Future Total Conditions  
 P.M. Peak Hour

Intersection

Intersection Delay, s/veh 2.8  
 Intersection LOS A

Approach	EB	WB	NB
Entry Lanes	1	1	1
Conflicting Circle Lanes	1	1	1
Adj Approach Flow, veh/h	16	17	14
Demand Flow Rate, veh/h	17	18	14
Vehicles Circulating, veh/h	18	7	0
Vehicles Exiting, veh/h	7	7	35
Ped Vol Crossing Leg, #/h	0	0	0
Ped Cap Adj	1.000	1.000	1.000
Approach Delay, s/veh	2.9	2.9	2.7
Approach LOS	A	A	A

Lane	Left	Left	Left
Designated Moves	TR	LT	LR
Assumed Moves	TR	LT	LR
RT Channelized			
Lane Util	1.000	1.000	1.000
Follow-Up Headway, s	2.609	2.609	2.609
Critical Headway, s	4.976	4.976	4.976
A (Intercept)	1380	1380	1380
B (Slope)	1.02e-3	1.02e-3	1.02e-3
Entry Flow, veh/h	17	18	14
Cap Entry Lane, veh/h	1355	1370	1380
Entry HV Adj Factor	0.941	0.944	1.000
Flow Entry, veh/h	16	17	14
Cap Entry, veh/h	1275	1294	1380
V/C Ratio	0.013	0.013	0.010
Control Delay, s/veh	2.9	2.9	2.7
LOS	A	A	A
95th %tile Queue, veh	0	0	0

## Appendix K

### FDOT's 2023 *Multimodal Quality Level of Service Handbook Tables*



# 2023 MULTIMODAL QUALITY/ LEVEL OF SERVICE HANDBOOK

**State of Florida**  
**Department of Transportation**  
Systems Implementation Office  
605 Suwannee St. MS 19  
Tallahassee, FL 32399

[www.fdot.gov/planning](http://www.fdot.gov/planning)  
January 2023

# C3C & C3R

## Motor Vehicle Arterial Generalized Service Volume Tables

### Peak Hour Directional

### Peak Hour Two-Way

### AADT



(C3C-Suburban Commercial)

	B	C	D	E
1 Lane	*	760	1,070	**
2 Lane	*	1,520	1,810	**
3 Lane	*	2,360	2,680	**
4 Lane	*	3,170	3,180	**

	B	C	D	E
2 Lane	*	1,380	1,950	**
4 Lane	*	2,760	3,290	**
6 Lane	*	4,290	4,870	**
8 Lane	*	5,760	5,780	**

	B	C	D	E
2 Lane	*	15,300	21,700	**
4 Lane	*	30,700	36,600	**
6 Lane	*	47,700	54,100	**
8 Lane	*	64,000	64,200	**



(C3R-Suburban Residential)

	B	C	D	E
1 Lane	*	970	1,110	**
2 Lane	*	1,700	1,850	**
3 Lane	*	2,620	2,730	**

	B	C	D	E
2 Lane	*	1,760	2,020	**
4 Lane	*	3,090	3,360	**
6 Lane	*	4,760	4,960	**

	B	C	D	E
2 Lane	*	19,600	22,400	**
4 Lane	*	34,300	37,300	**
6 Lane	*	52,900	55,100	**

### Adjustment Factors

The peak hour directional service volumes should be adjusted by multiplying by 1.2 for one-way facilities  
 The AADT service volumes should be adjusted by multiplying 0.6 for one way facilities  
 2 Lane Divided Roadway with an Exclusive Left Turn Lane(s): Multiply by 1.05  
 2 lane Undivided Roadway with No Exclusive Left Turn Lane(s): Multiply by 0.80

Exclusive right turn lane(s): Multiply by 1.05  
 Multilane Undivided Roadway with an Exclusive Left Turn Lane(s): Multiply by 0.95  
 Multilane Roadway with No Exclusive Left Turn Lane(s): Multiply by 0.75  
 Non-State Signalized Roadway: Multiply by 0.90

This table does not constitute a standard and should be used only for general planning applications. The table should not be used for corridor or intersection design, where more refined techniques exist.

\* Cannot be achieved using table input value defaults.

\*\* Not applicable for that level of service letter grade. For the automobile mode, volumes greater than level of service D become F because intersection capacities have been reached.