

# Memorandum



**DATE:** October 10, 2013

**TO:** Jorge Vital  
DIC Coordinator  
Department of Regulatory and Economic Resources

**FROM:** Jacqueline Carranza *Jacqueline Carranza*  
Transit Planner 2  
Miami-Dade Transit - Engineering, Planning & Development Division

**SUBJECT:** DIC Project No. 12-128 (Ferro Development, LLC) – Revision No. 1  
MDT Project No. OSP006  
FSC No. 41.04

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## MDT Comments/Recommendations

The subject site is currently vacant and is located on the southwest corner of SW 8<sup>th</sup> Street and SW 152<sup>nd</sup> Avenue. There is no direct transit service currently serving the subject site. The closest transit service is provided by Routes 24, 51 (Flagler MAX) and 137 (West Dade Connection) and are located over mile away from the site. However, the extension of these routes is not economically feasible at this time. As such, this application meets the adopted mass transit level of service standards as prescribed by Policy MT-1A of the Mass Transit Sub-element of the Comprehensive Development Master Plan (CDMP). This project has been reviewed by MDT for mass transit concurrency and was found to be concurrent with the mass transit level-of-service standards established for Miami-Dade County.

Notwithstanding the foregoing, the 2013 ten-year Transit Development Plan (TDP) identifies in its 2023 Recommended Service Plan three proposed new Premium Metrobus Routes that will serve the proposed West Miami-Dade/SW 8<sup>th</sup> Street Park-and-Ride/Transit Terminal located at SW 8<sup>th</sup> Street and SW 147<sup>th</sup> Avenue, located approximately 0.37 miles to the east of the subject site.

The SR 836 Express Enhanced Bus and the Flagler Enhanced Bus will provide premium transit service along a segment of SW 8<sup>th</sup> Street from SW 107<sup>th</sup> Avenue to SW 147<sup>th</sup> Avenue. Both routes will terminate at the proposed West Miami-Dade/SW 8 Street Park-and-Ride/Transit Terminal located at SW 8<sup>th</sup> Street and SW 147<sup>th</sup> Avenue. These enhanced bus projects will feature specially-branded 60-foot diesel/electric hybrid, clean diesel, compressed natural gas (CNG) buses as well as strategic park-and-ride locations. In addition, these routes provide a premium east-west transit connection between the residential suburban areas of Western Miami-Dade and the MIC and the Downtown Central Business District.

The SR 836 Express Enhanced Bus service headways will be 10 minutes during the AM/PM peak-hour. Revenue service is anticipated to begin in 2017 using 11 new 60-foot diesel/electric hybrid, clean diesel, CNG, or other alternative fuel buses.

The existing Route 51 (Flagler MAX) will be transformed into the Flagler Enhanced Bus with service headways improved from 15 to 12 minutes during the AM/PM peak and 30 minutes

during midday service. Revenue service is anticipated to begin in 2018 using 10 new 60-foot diesel/electric hybrid, clean diesel, CNG, or other alternative fuel buses.

The SW 137<sup>th</sup> Avenue Enhanced Bus Service will provide premium limited-stop transit service along SW 137<sup>th</sup> Avenue from MDT’s proposed park-and-ride/bus terminal station (SW 8<sup>th</sup> Street and SW 147<sup>th</sup> Avenue) to SW 304<sup>th</sup> Street and US-1. This enhanced bus project will feature strategic park-and-ride locations. In addition, this route provides a premium north-south transit connection for the West Kendall area connecting several residential areas with large shopping centers, which include Kendale Lakes Mall, Miller Square and London Square. In 2007, the Miami-Dade Metropolitan Planning Organization conducted a study of potential transit service improvements in the Kendall area. Bus rapid transit (BRT) service on SW 137<sup>th</sup> Avenue was one of the recommendations made in that study. Service headways will be 20 minutes during the AM/PM peak-hour and 40 minutes during the mid-day. Revenue service is anticipated to begin in 2020 using nine (9) new standard 40-foot buses.

In conclusion, although there is no direct transit service currently serving the subject site and the extension of existing routes to serve this site is not economically feasible at this time, MDT opines that the planned transit improvements as identified in the 2023 Recommended Service Plan will accommodate the transit demand generated by the proposed development.

**Based on the information presented, MDT has no objections to this project.**

**Project Description**

12-128 – Ferro Development, LLC is requesting a special exception to permit a public charter school facility that will serve up to 3,000 students in grades pre-kindergarten through 12<sup>th</sup> grade. The applicant is currently requesting to amend the proposed project with a revised site plan submitted on September 12, 2014. The subject property is approximately 8.93 acres and is located on the southwest corner of SW 8<sup>th</sup> Street and SW 152<sup>nd</sup> Avenue, Miami-Dade County, Florida.

**Current Transit Service**

There is no transit service within the immediate vicinity of the application site. The closest transit service is provided by Routes 24, 51 (Flagler MAX) and 137 (West Dade Connection). The alignment for these routes is illustrated on the attached maps. The service headways for these routes (in minutes) are as follows:

**Metrobus Route Service Summary  
 Ferro Development, LLC Application Site**

| Route(s)                   | Service Headways (in minutes) |                    |                      |           |          |         | Proximity to Bus Route (miles) | Type of Service |
|----------------------------|-------------------------------|--------------------|----------------------|-----------|----------|---------|--------------------------------|-----------------|
|                            | Peak (AM/PM)                  | Off-Peak (middays) | Evenings (after 8pm) | Overnight | Saturday | Sunday  |                                |                 |
| 24                         | (20/30/40) / (20/40)          | (20/40)            | (24/30)              | n/a       | (30/60)  | (30/60) | 1.2                            | L               |
| 51 (Flagler MAX)           | 15                            | 30                 | 30                   | n/a       | n/a      | n/a     | 1.4                            | L/F/E           |
| 137 (West Dade Connection) | (30)/(30/45)                  | 45                 | (50/60)              | n/a       | 40       | 45      | 1.4                            | L               |

Notes: L means Metrobus local route service  
 F means Metrobus feeder service to Metrorail  
 E means Express or Limited-Stop Metrobus service

June 2013 Line up

### Future Transportation/Transit Improvements

The 2014 Transportation Improvement Program (TIP) proposes the following improvements on the roadways within the immediate vicinity of the site.

| Facility/Project Limits  | Type of Work   |
|--|--|
| SR 836 Enhanced Bus Service  | New park-and-ride lot at SW 8 <sup>th</sup> Street and SW 147 <sup>th</sup> Avenue |
| SW 157 <sup>th</sup> Avenue (from SW 42 <sup>nd</sup> Street to SW 8 <sup>th</sup> Street) | Construct additional 2 lanes   |

The 2035 Long Range Transportation Plan (LRTP) lists the following improvements within the immediate vicinity of this project.

| Facility/Project Limits  | Type of Work                       | Priority/Funding Phase   |
|--|------------------------------------|--------------------------|
| SW 147 <sup>th</sup> Avenue (from SW 22 <sup>nd</sup> Terrace to SW 10 <sup>th</sup> Street) | Widen roadway from 2 to 4 lanes    | Priority I               |
| SW 157 <sup>th</sup> Avenue (from SW 8 <sup>th</sup> Street to SW 42 <sup>nd</sup> Street)   | Widen roadway from 2 to 4 lanes    | Priority IV              |
| SR 836 Southwest Extension (from NW 137 <sup>th</sup> Avenue to SW Miami-Dade)               | Multimodal transportation corridor | Partially Funded Project |
| SW 147 <sup>th</sup> Avenue (from SW 8 <sup>th</sup> Street to SW 26 <sup>th</sup> Street)   | Complete as a 4 lane roadway       | Private Sector Project   |

The 2014 ten-year Transit Development Plan (TDP) identifies in its 2023 Recommended Service Plan the following improvements/adjustments on the existing routes serving the vicinity of the project:

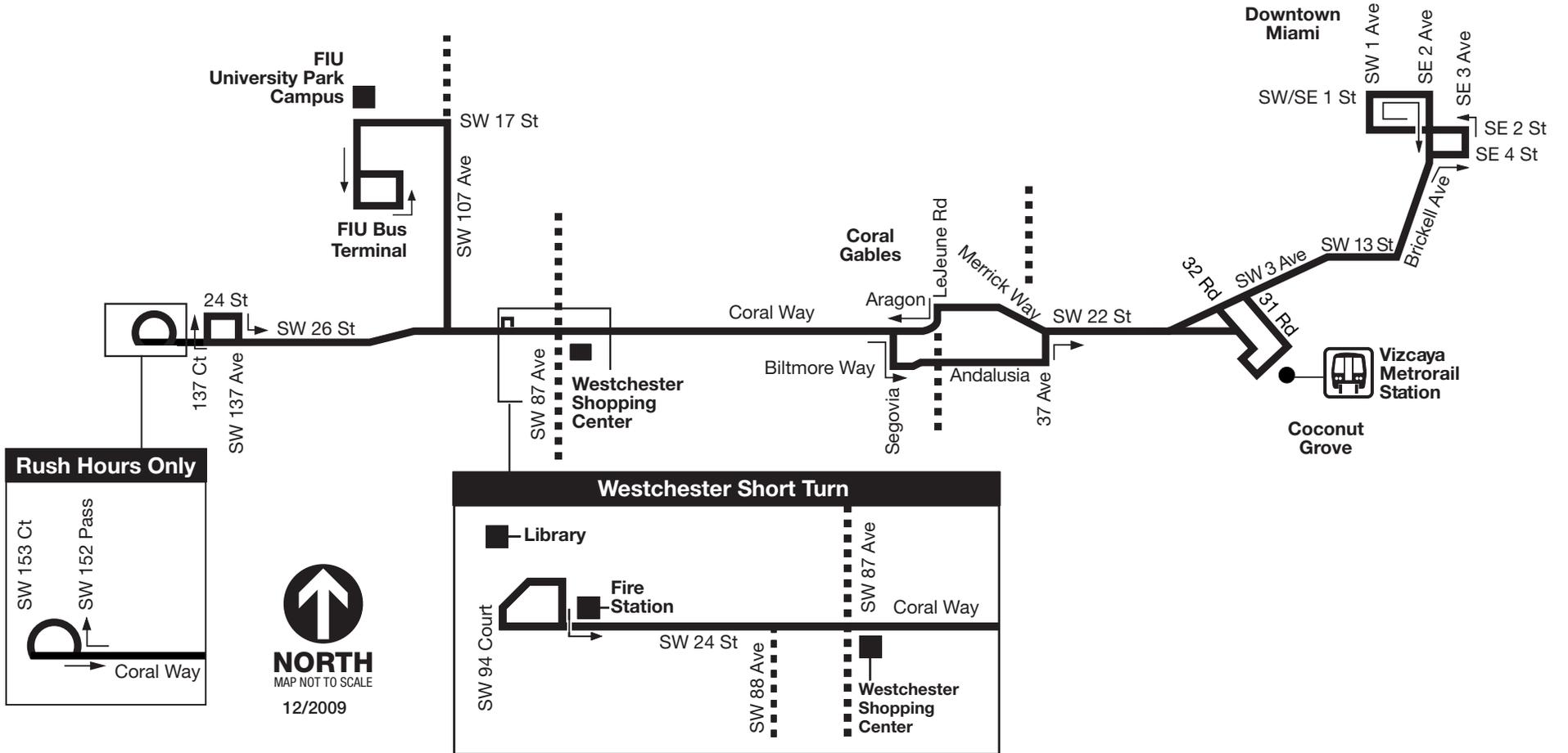
| Route                      | Improvement/Adjustment   |
|----------------------------|--|
| 24                         | Convert to the Coral Way Limited and provide local service between SW 153 <sup>rd</sup> Avenue and Ponce de Leon Blvd. Limited-stop service will be provided east of Ponce de Leon Blvd. to Downtown Miami due to City of Miami Coral Way Trolley. |
| 51 (Flagler MAX)           | Route to be transformed to Flagler Enhanced Bus.   |
| 137 (West Dade Connection) | No planned improvements.   |

In addition, the 2014 ten-year TDP identifies in its 2023 Recommended Service Plan the following new routes that will serve the vicinity of the project:

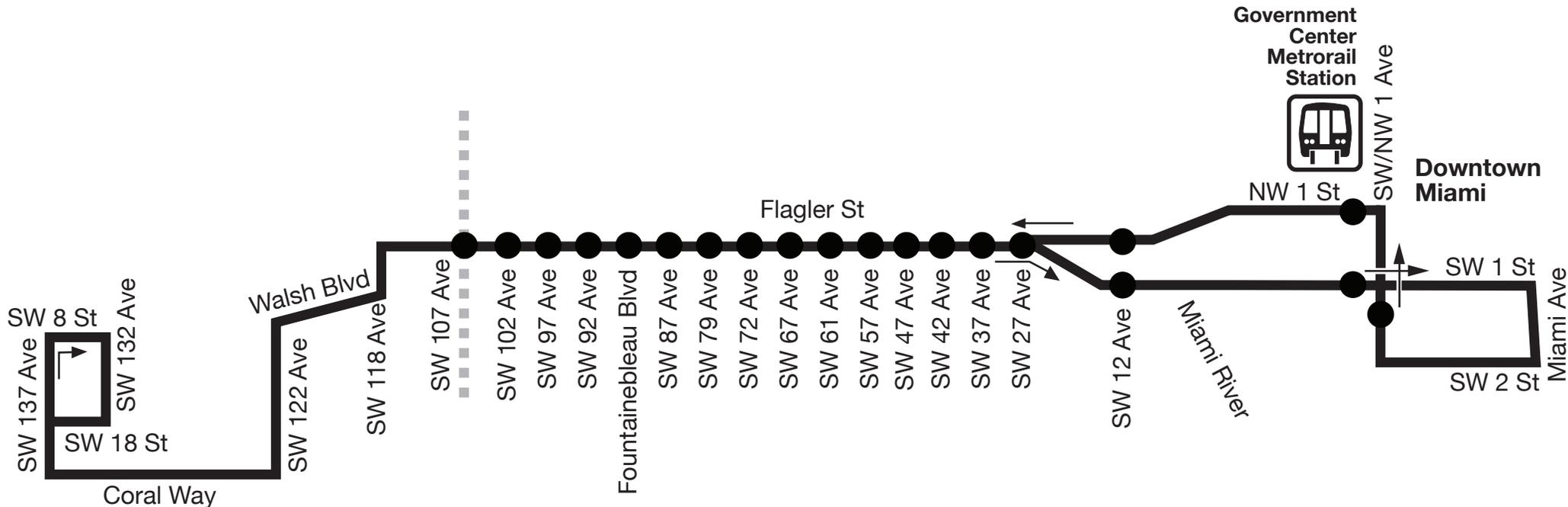
| Route                       | Description  |
|-----------------------------|--|
| SR 836 Express Enhanced Bus | This route will provide premium limited stop and express transit service along SR 836 and SW 8 <sup>th</sup> Street (East-West Corridor) from west Miami-Dade County (SW 8 <sup>th</sup> Street and SW 147 <sup>th</sup> Avenue) to the MIC via SW/NW 107 <sup>th</sup> Avenue and SR 836. |
| Flagler Enhanced Bus        | This route will provide premium limited-stop transit service along Flagler Street from Downtown Miami to West Miami-Dade County.   |
| SW 137 Avenue Enhanced Bus  | This route will provide premium limited-stop transit service along SW 137 <sup>th</sup> Avenue from MDT's proposed park-and-ride/bus terminal station (SW 8 <sup>th</sup> Street and SW 147 <sup>th</sup> Avenue) to SW 304 <sup>th</sup> Street and US-1.                                 |

cc: Monica D. Cejas, P.E., Senior Professional Engineer  
 Nilia Cartaya, Principal Planner  
 Douglas Robinson, Principal Planner  
 Gerald Bryan, Transit Planning Section Chief  
 Eric Zahn, Transit Planning Section Supervisor

# Route 24



# Route 51 Flagler MAX



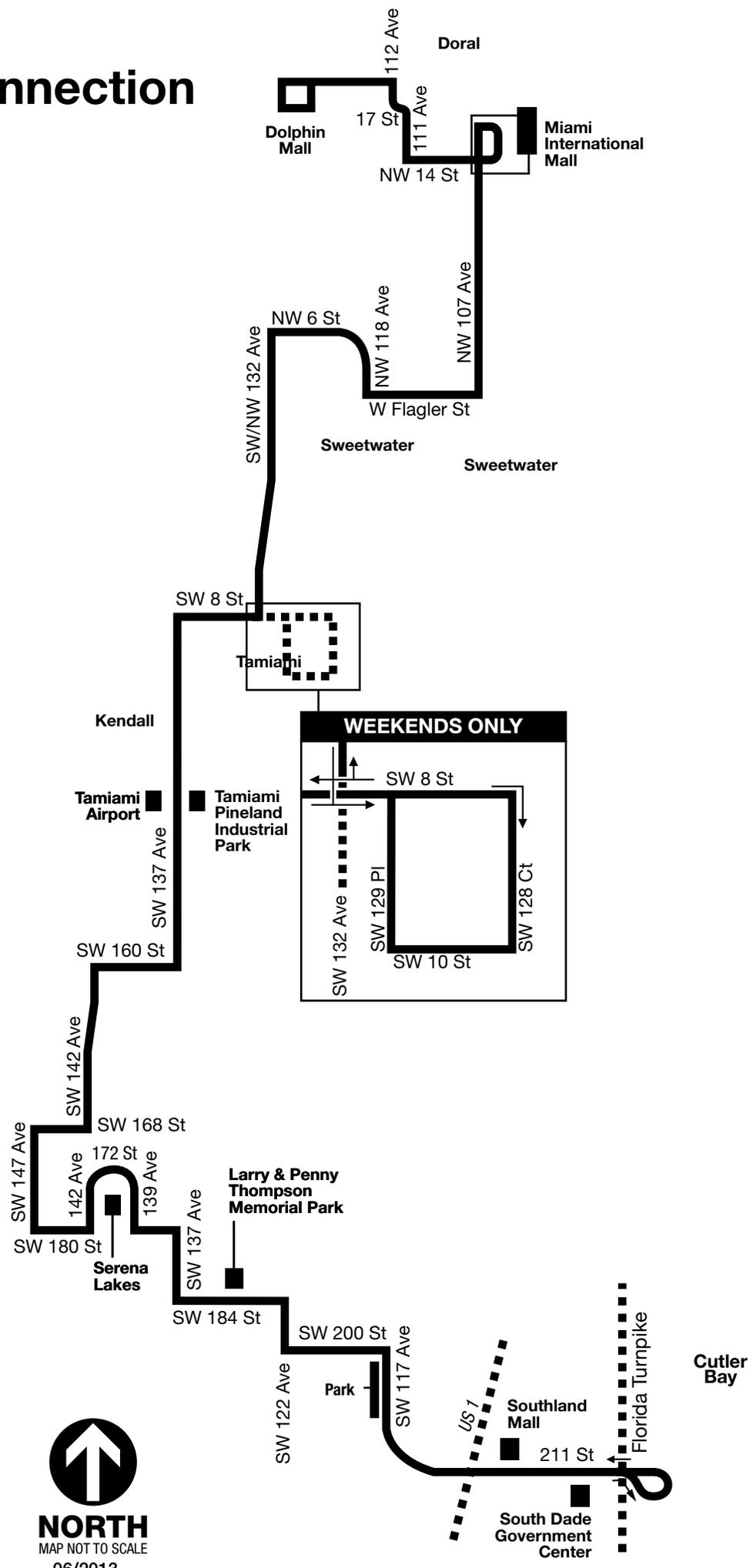
Makes all local stops west of 107 Ave

● LIMITED STOPS



# Route 137

## West Dade Connection



**NORTH**  
MAP NOT TO SCALE  
06/2013