

MEMORANDUM

Supplement
Agenda Item No. 8(N)(5)

TO: Honorable Chairman Jose "Pepe" Diaz
and Members, Board of County Commissioners

DATE: October 5, 2021

FROM: Geri Bonzon-Keenan
County Attorney

SUBJECT: Supplemental Memorandum
regarding proposed amendments
to item 8(N)(5) Resolution
authorizing the implementation
of the bus service adjustments
set forth in the Better Bus
Network

This supplement is being submitted to provide a memorandum from the item's Prime Sponsor Commissioner Eileen Higgins providing the relevant information pertaining to the route modifications and associated route maps for an amendment that the Prime Sponsor intends to propose.

The accompanying supplement was prepared and placed on the agenda at the request of Prime Sponsor Commissioner Eileen Higgins.



Geri Bonzon-Keenan
County Attorney

GBK/cp



MEMORANDUM
BOARD OF COUNTY COMMISSIONERS
Commissioner Eileen Higgins - District 5

TO: Honorable Chairman Jose "Pepe" Diaz, and Members, Board of County Commissioners	DATE: October 4, 2021
FROM: Eileen Higgins County Commissioner, District 5	RE: Memorandum regarding item 8N5 on the October 5, 2021, Board of County Commissioners meeting agenda

At the September 13, 2021, Transportation, Mobility and Planning Committee (TMPC) meeting, I requested that the Department of Transportation and Public Works (DTPW) consider the comments made during the public hearing and subsequent committee discussion on item 1G2 on that agenda which was a resolution approving the implementation of the Better Bus Network. DTPW has provided a number of recommended route modifications to the Better Bus Network to address the concerns of the public, County bus drivers, and committee members discussed at the TMPC meeting. To that end, I intend to propose an amendment to item 8(N)(5) on the October 5, 2021, Board agenda to incorporate, subject to the availability and identification of funds, DTPW's recommended route modifications in the Better Bus Network. My proposed amendment will also direct the County Mayor or County Mayor's designee to identify available funding sources from within the fiscal year 2021-2022 County Budget that independently or combined may be utilized to fund the recommended route modifications and to report back to this Board within 30 days on the status of the funds and sources identified. **Because the amendment is quite lengthy, I am providing you with these proposed improvements and the associated maps in advance of Tuesday's Board meeting.**

Below is a summary of the recommended route modifications and attached are the revised route maps.

Modifications to be included in the Better Bus Network:

- Reinstate service for Route 2 at a 30-minute frequency on NW 2nd Avenue in the downtown to NW 84th Street, which allows Route 9 to stay on NE 2nd Avenue south of North 54th Street which provides more coverage and increases service between downtown Miami and North 84th Street. This change has an approximate annual cost of \$3,375,520.

- Replace Exhibit 1C typed page 20 with attached Revised Exhibit 1C Route 2 Map – Downtown-163 St Mall via NW 2 Ave
 - Add attached Revised New Exhibit 1D Better Bus Route 2 Map- Downtown to El Portal via NW 2 Ave
- Reinstatement Route 9A/B on NE 2nd Avenue between NE 54th Street and downtown Miami. This change will keep frequent service on NE 2nd Ave while reinstating, with a frequency of every 30-minutes, Route 2 service on NW 2nd Avenue. This change has an approximate cost savings of \$333,336.
 - Replace Exhibit 1C typed page 24 with attached Revised Exhibit 1C Route 9 Map – Aventura-Downtown via NE 6 & 2 Ave
 - Replace Exhibit 1D typed pages 132 with attached Revised Exhibit 1D Better Bus Route 9 Map – Aventura-Downtown via NE 2 & NW 2 Ave
 - Replace Exhibit 1D typed pages 133 with attached Revised Exhibit 1D Better Bus Route 9A Map -Aventura-Downtown via NE2 & NW 2 Ave
 - Replace Exhibit 1D typed pages 134 with attached Revised Exhibit 1D Better Bus Route 9B Map -Downtown via NE 2 & NW 2 Ave
- Reinstatement Route 12 to its original alignment serving Mercy Hospital via SW 12th Ave, while Route 21 is reinstated through Overtown Miami to provide more coverage. This change has an approximate annual cost of \$495,271.
 - Replace Exhibit 1C typed page 27 with attached Revised Exhibit 1C Route 12 Map – Northside-Mercy Hospital
 - Replace Exhibit 1C typed page 31 with attached Revised Exhibit 1C Route 21 Map – Northside-Downtown
 - Replace Exhibit 1D typed pages 136 with attached Revised Exhibit 1D Better Bus Route 12 Map – Northside-Mercy Hospital
 - Add attached Revised New Exhibit 1D Better Bus Route 21 Map- Northside-Downtown
- Amend the alignment of Route 14 to serve south of 5th Street in Miami Beach to provide coverage and service to senior housing. This change has an approximate annual cost of \$794,240.
 - Replace Exhibit 1D typed pages 137 with attached Revised Exhibit 1D Better Bus Route 14 Map – Mt. Sinai-Civic Center
 - Replace Exhibit 1D typed pages 138 with attached Revised Exhibit 1D Better Bus Route 14 Map – Mt. Sinai-Civic Center (SL)
 - Replace Exhibit 1D typed pages 139 with attached Revised Exhibit 1D Better Bus Route 14 Map – Mt. Sinai-Civic Center (LL)
- Extend Route 17 to 163rd St Mall and truncate at Vizcaya Metrorail Station with Route 12 serving Mercy Hospital. This change has an approximate annual cost of \$1,399,032.
 - Replace Exhibit 1C typed pages 29 with attached Revised Exhibit 1C Route 17 Map -Northwood-Vizcaya via NW-SW17 Ave

- Replace Exhibit 1D typed pages 141 with attached Revised Exhibit 1D Better Bus Route 17 Map- Golden Glades- Mercy Hospital
 - Replace Exhibit 1D typed pages 142 with attached Revised Exhibit 1D Better Bus Route 17 Map- Golden Glades- Mercy Hospital (A)
 - Replace Exhibit 1D typed pages 143 with attached Revised Exhibit 1D Better Bus Route 17 Map- Golden Glades- Mercy Hospital (B)
- Extend Route 22 to Miami Dade College North via NW 119th Street. This provides coverage service on NW 22 Avenue between NW 103rd Street and NW 119th Street. This change has an approximate annual cost of \$39,440.
 - Replace Exhibit 1C typed pages 32 with attached Revised Exhibit 1C Route 22 Map-163 St Mall-Coconut Grove via 22 Ave
 - Replace Exhibit 1D typed pages 145 with attached Revised Exhibit 1D Better Bus Route 22 Map -MDC North-Coconut Grove
- Increase frequency on Route 35 to every 20 minutes from every 30 minutes. This change has an approximate annual cost of \$2,016,336.
 - Replace Exhibit 1C typed pages 40 with attached Revised Exhibit 1C Route 35 Map – MDC Kendall-FL City via Cutler Bay
 - Replace Exhibit 1D typed pages 155 with attached Revised Exhibit 1D Better Bus Route 35 Map – Fla. City-Cutler Bay
- Eliminate Route 76 and remove page 181 in Exhibit 1D. The Route 17 extension provides the same coverage. This change has an approximate cost savings of \$550,660.
- Replace Exhibit 1A typed page 12 with attached Revised Exhibit 1A Routes by Weekday Midday Frequency Better Bus Network Map
- Replace Exhibit 1B typed page 15 with Revised Exhibit 1B Routes by Weekday Peak Hour Frequency Better Bus Network Map

I look forward to our discussion on Tuesday.

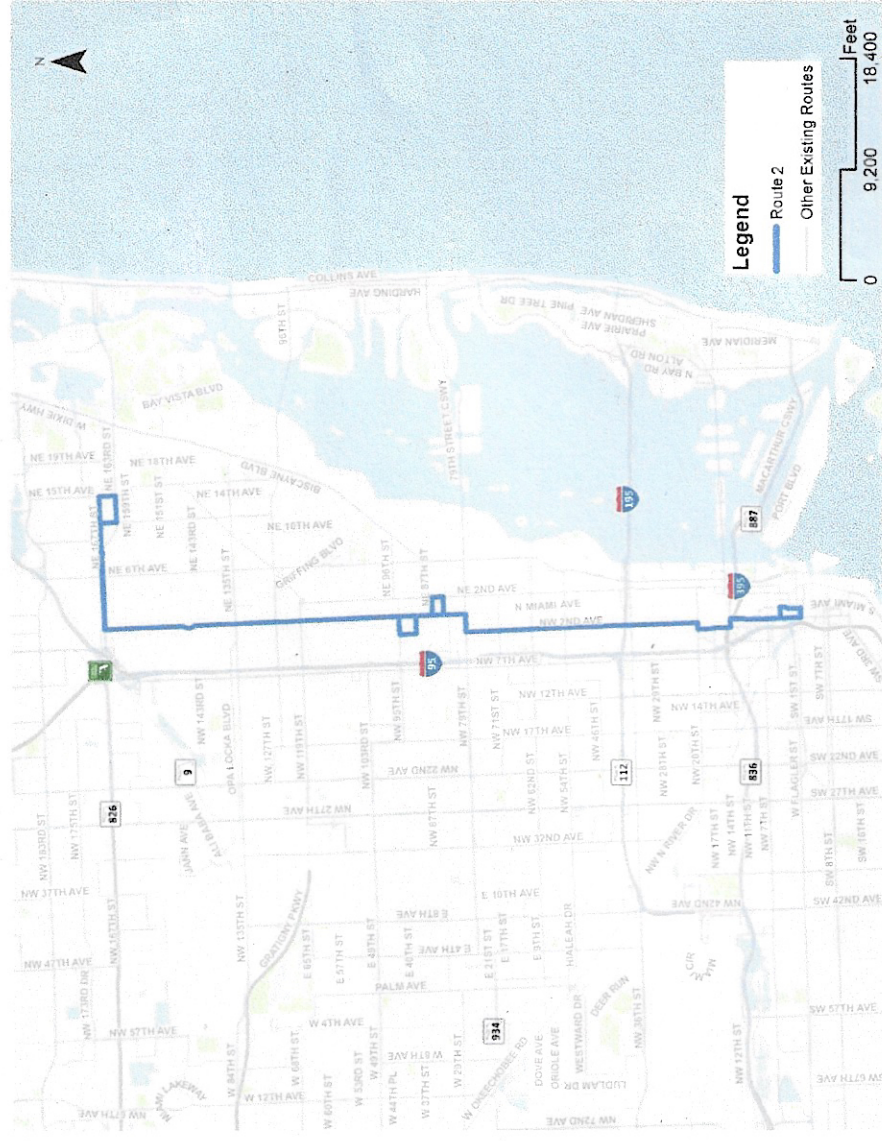
Revised Exhibit 1C Route 2 Map

Route 2 – Downtown-163 St Mall via NW 2 Ave

Key Destinations: 167 S Metrobus terminal, Downtown Miami.

	Weekdays	Weekends
Peak Frequency	20/60	20 Sat. 30 Sun.
Off Peak Frequency	20/60	
Span of Service	4:56 AM to 11:41 PM	5:27 AM to 11:39 PM Sat. 5:27 AM to 9:38 PM Sun.

Note:
Modified to provide 30-minute frequency on
NW 2nd Ave from Downtown to NW 84th
St.



Revised New Exhibit 1D Better Bus Route 2 Map

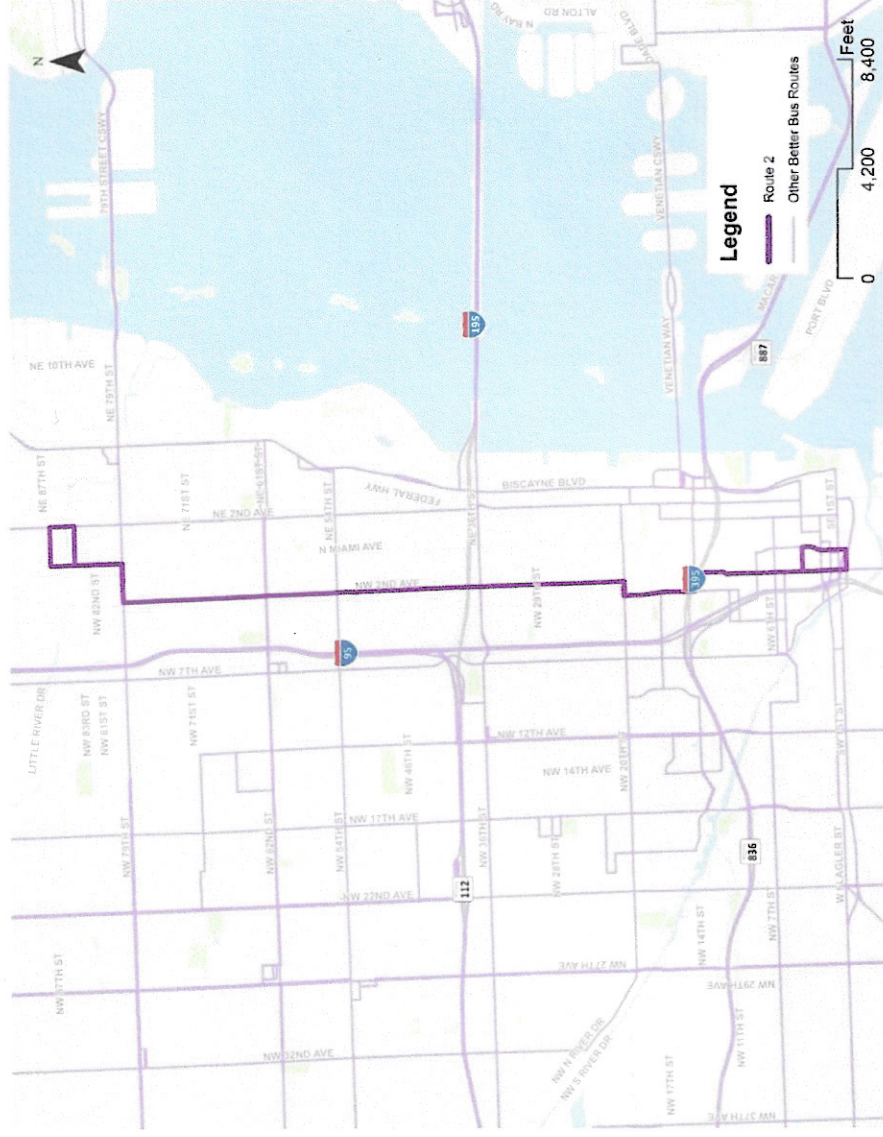
Better Bus Route 2 – Downtown to El Portal via NW 2 Ave

Key Destinations: El Portal, Little Haiti, Wynwood, Overtown, Government Center Metrorail and Metromover station.

	Weekdays	Weekends
Peak Frequency	30	30 Sat 30 Sun
Off Peak Frequency	30	
Span of Service	5:00 AM to 10:00 AM	5:00 AM to 10:00 AM

Note:

Will serve same alignment as existing route 2 from Downtown Miami to NW 84 St.



Revised Exhibit 1C Route 9 Map

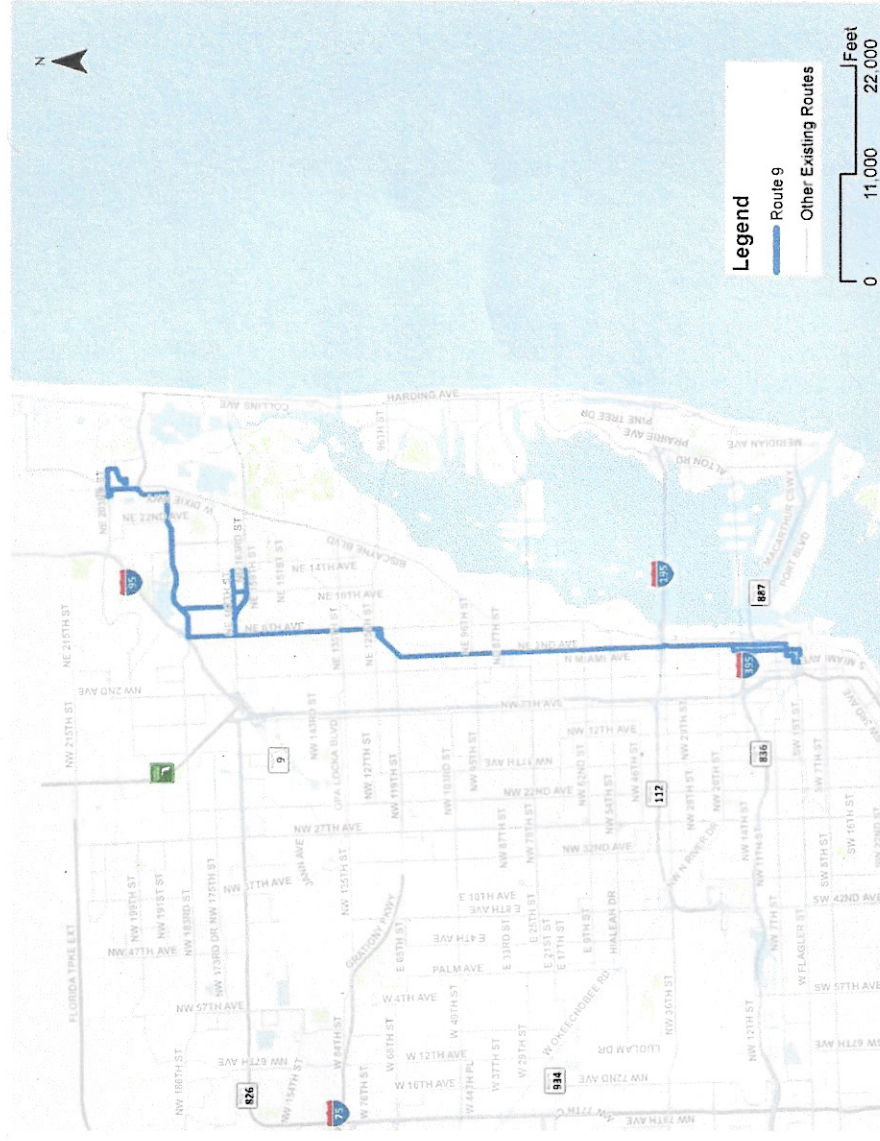
**Route 9 -- Aventura-Downtown via NE 6 &
2 Ave**

Key Destinations: Bus Terminal at Aventura Mall to the Downtown Bus Terminal along NE 2 Ave, NE 6 Ave & NE 10 Ave. Stops include the Bus Terminal at Aventura Mall, 167 St Metrobus terminal, Government Center Metrorail / Metromover station, Downtown Metrobus terminal.

	Weekdays	Weekends
Peak Frequency	12/30	30
Off Peak Frequency	30	
Span of Service	4:39 AM to 12:24 AM	5:09 AM to 12:53 AM Sat 5:15 AM to 11:53 PM Sun

Note:

Existing route 9 will be consolidated with route 10 to provide a more frequent service in the Better Bus Network. The route branches on the northern end to cover a larger area and becomes one route on Biscayne Blvd into Aventura Mall terminal.



Revised Exhibit 1D Better Bus Route 9 Map

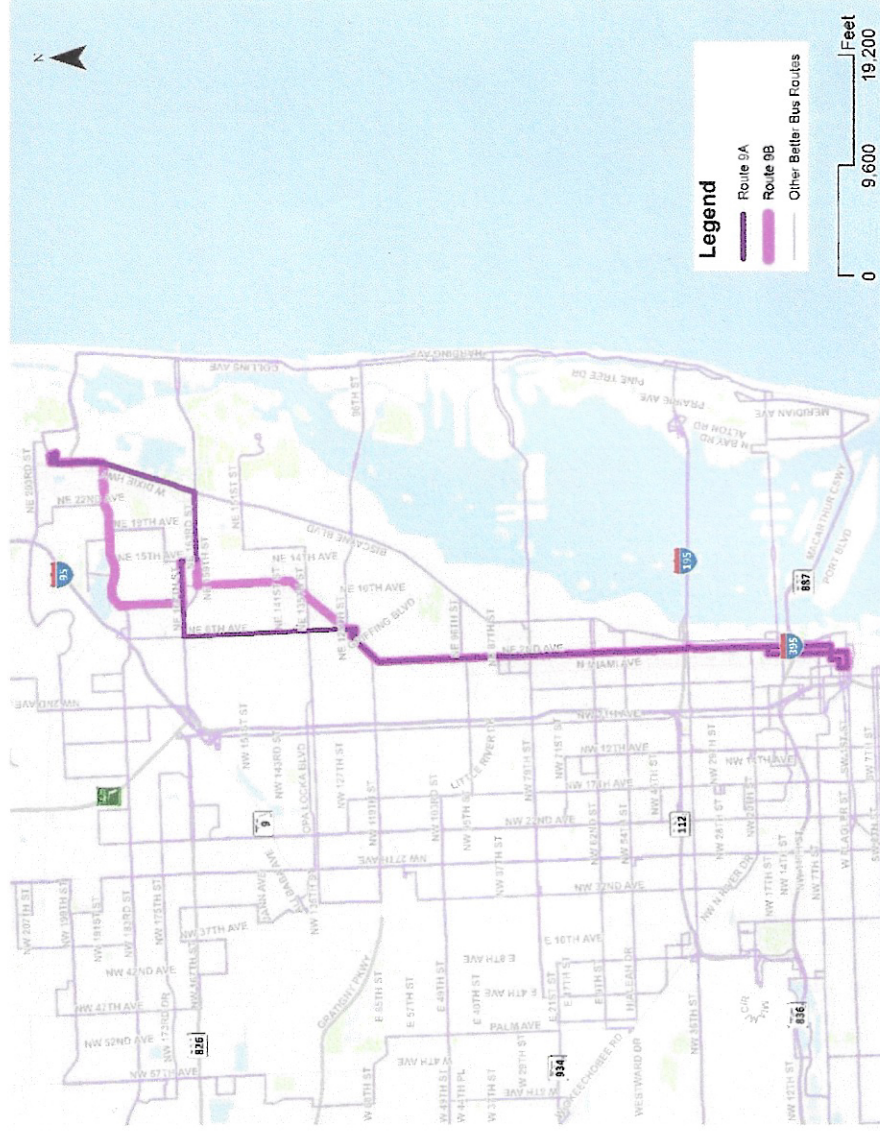
Better Bus Route 9 – Aventura-Downtown via NE 2 & NW 2 Ave

Key Destinations: Aventura Mall terminal, 167 St Metrobus terminal, Downtown Metrobus terminal.

	Weekdays	Weekends
Peak Frequency	10/20	15/30 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

Note:

Consolidated with routes 10, 19. The route branches on the northern end to cover a larger area and becomes one route at Miami Gardens Dr into Aventura Mall terminal.



Revised Exhibit 1D Better Bus Route 9B Map

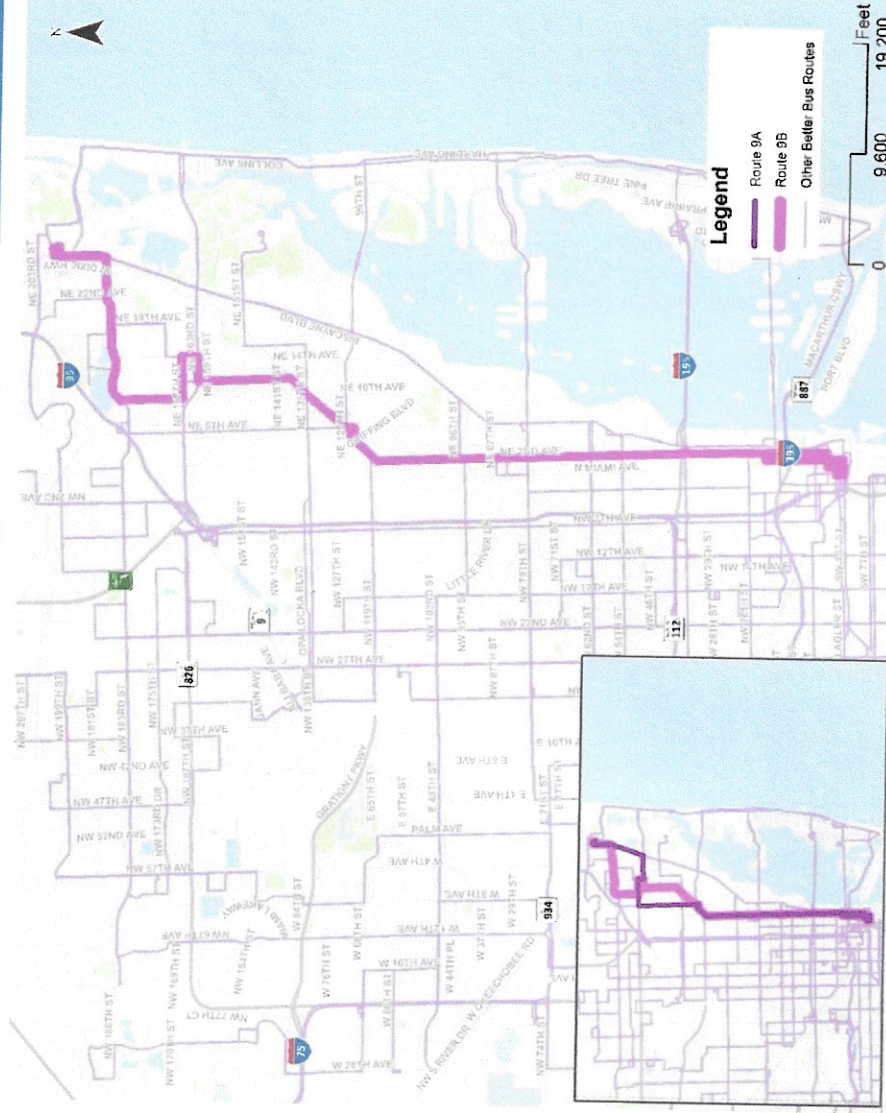
Better Bus Route 9B – Aventura-Downtown via NE 2 & NW 2 Ave

Key Destinations: Aventura Mall terminal, 167 St Metrobus terminal, Downtown Metrobus terminal.

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

Note:

Consolidated with routes 10, 19. The route branches on the northern end to cover a larger area and becomes one route at Miami Gardens Dr into Aventura Mall terminal.



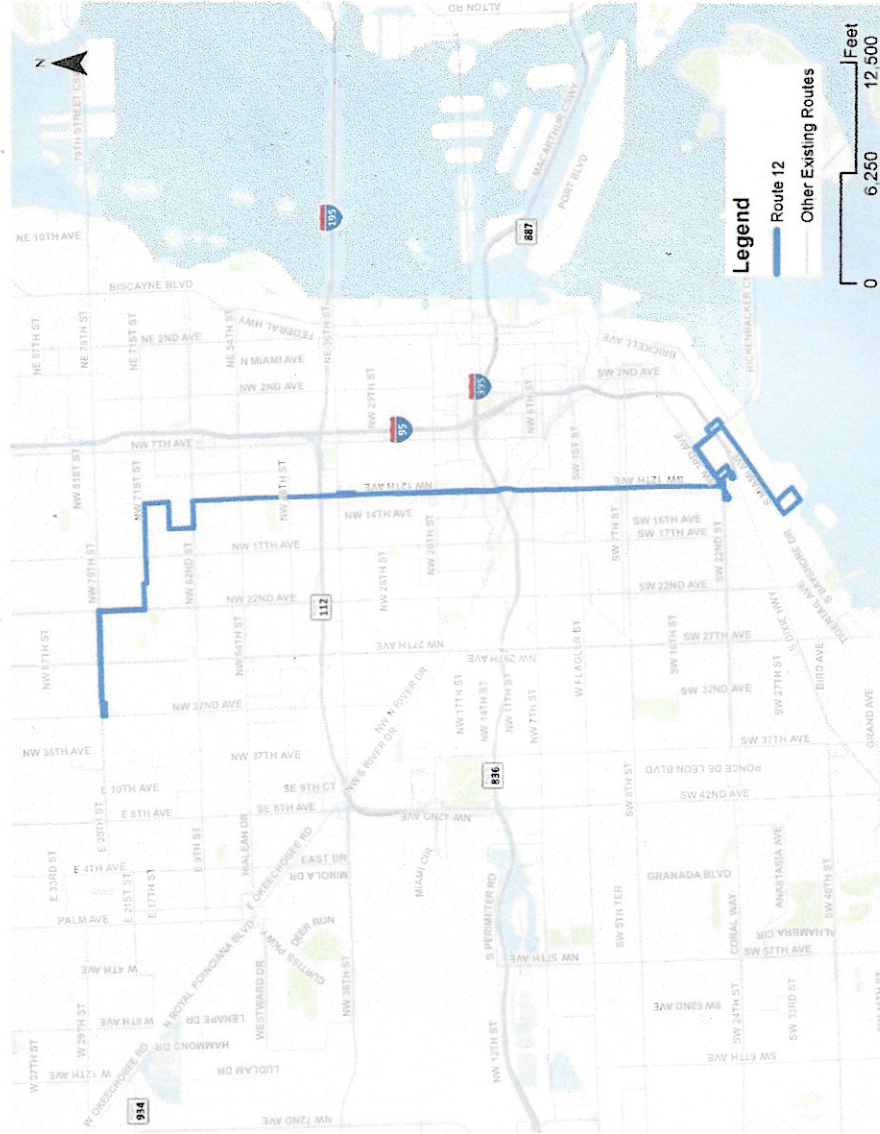
Revised Exhibit 1C Route 12 Map

Route 12 – Northside-Mercy Hospital

Key Destinations: Northside Metrorail station, Mercy Hospital, Allapattah Metrorail station, Santa Clara Metrorail station, Civic Center Metrorail station, Vizcaya Metrorail station.

	Weekdays	Weekends
Peak Frequency	30	20
Off Peak Frequency	30	
Span of Service	4:40 AM to 12:34 AM	5:36 AM to 12:22 AM Sat 5:36 AM to 12:11 AM Sun

Note:
No changes.



Route 21 – Northside-Downtown

	Weekdays	Weekends
Peak Frequency	30	40
Off Peak Frequency	30	
Span of Service	5:26 AM to 12:17 AM	5:36 AM to 11:49 PM Sat/Sun

[illegible]

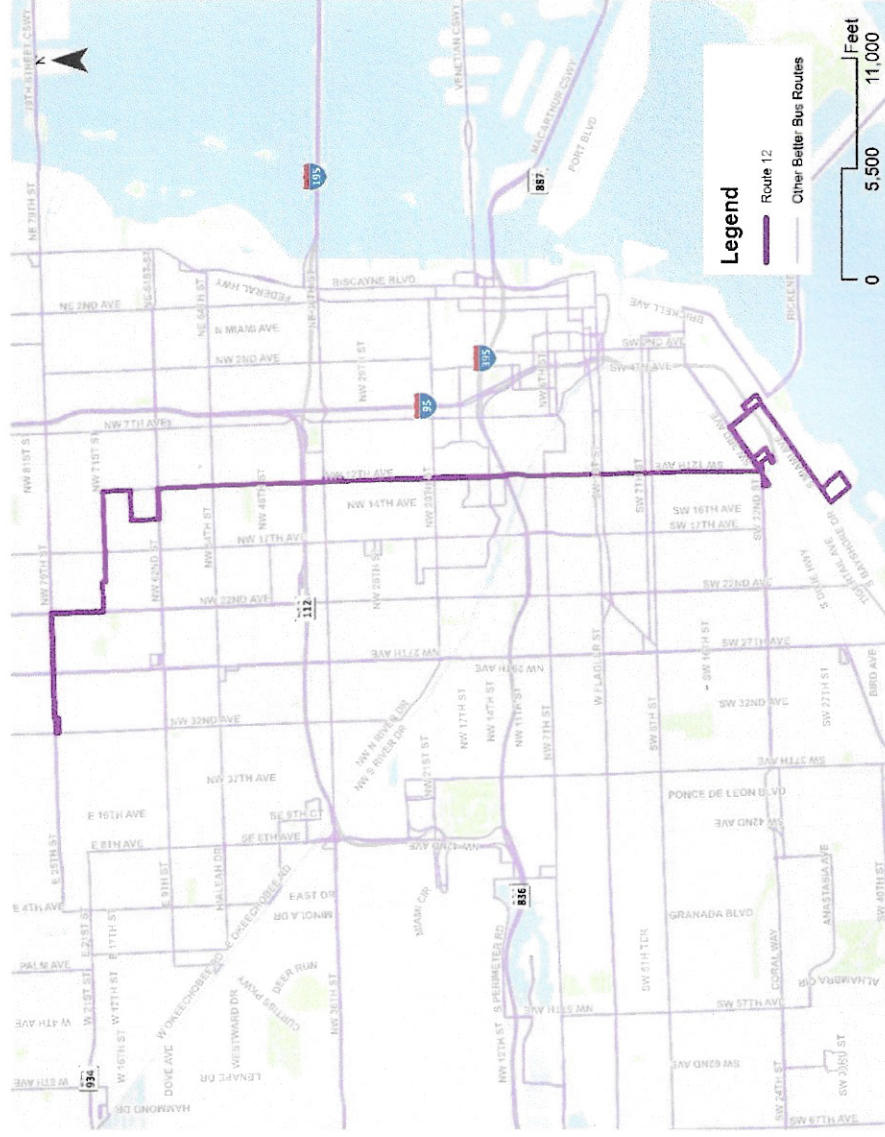
Revised Exhibit 1D Better Bus Route 12 Map-

Better Bus Route 12 – Northside-Mercy Hospital

Key Destinations: Northside Metrorail station, Mercy Hospital, Allapattah Metrorail station, Santa Clara Metrorail station, Civic Center Metrorail station, Vizcaya Metrorail station.

	Weekdays	Weekends
Peak Frequency	30	20
Off Peak Frequency	30	
Span of Service	4:40 AM to 12:34 AM	5:36 AM to 12:22 AM Sat 5:36 AM to 12:11 AM Sun

Note:
No changes.



Revised New Exhibit 1D Better Bus Route 21 Map

Better Bus Route 21 – Northside-

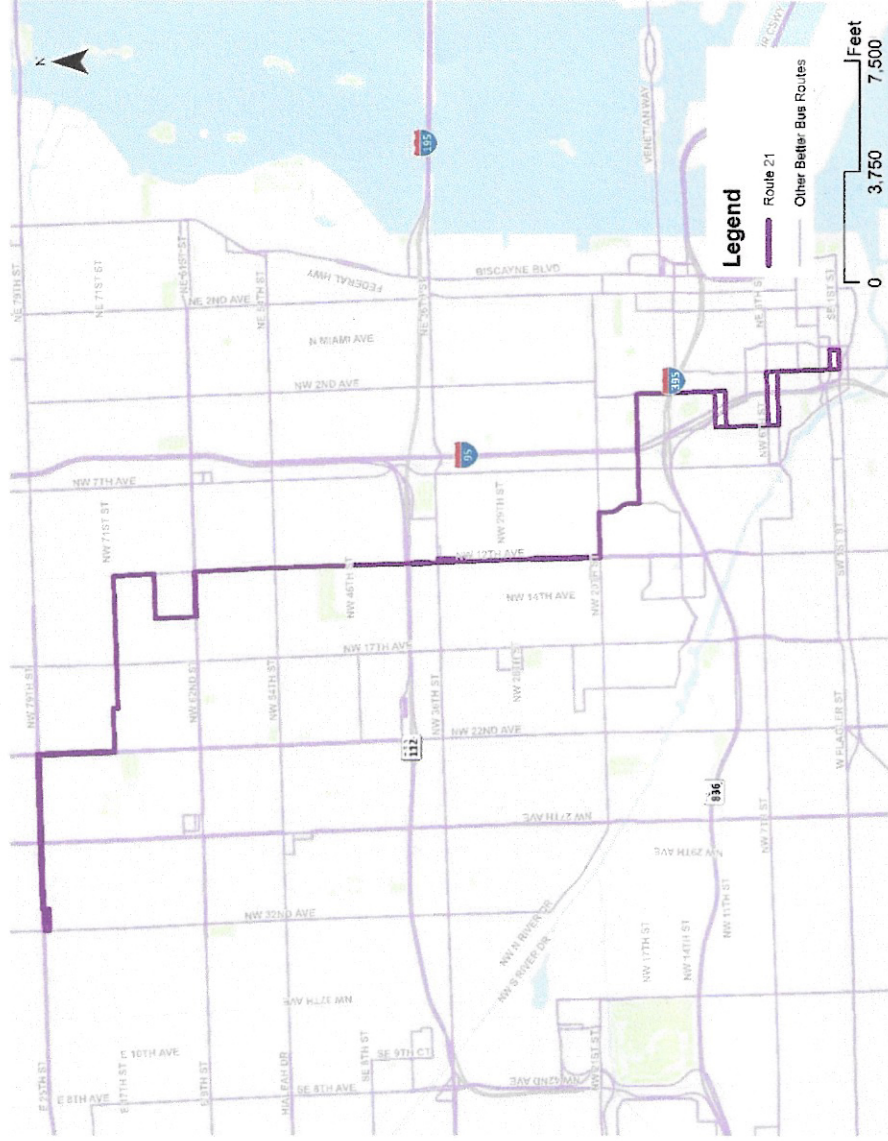
Downtown

Key Destinations: Northside Metrorail station, Downtown Metrobus terminal, Allapattah Metrorail station, Santa Clara

Metrorail station.

	Weekdays	Weekends
Peak Frequency	30	40
Off Peak Frequency	30	
Span of Service	5:26 AM to 12:17 AM	5:36 AM to 11:49 PM Sat/Sun

Note:
No changes.

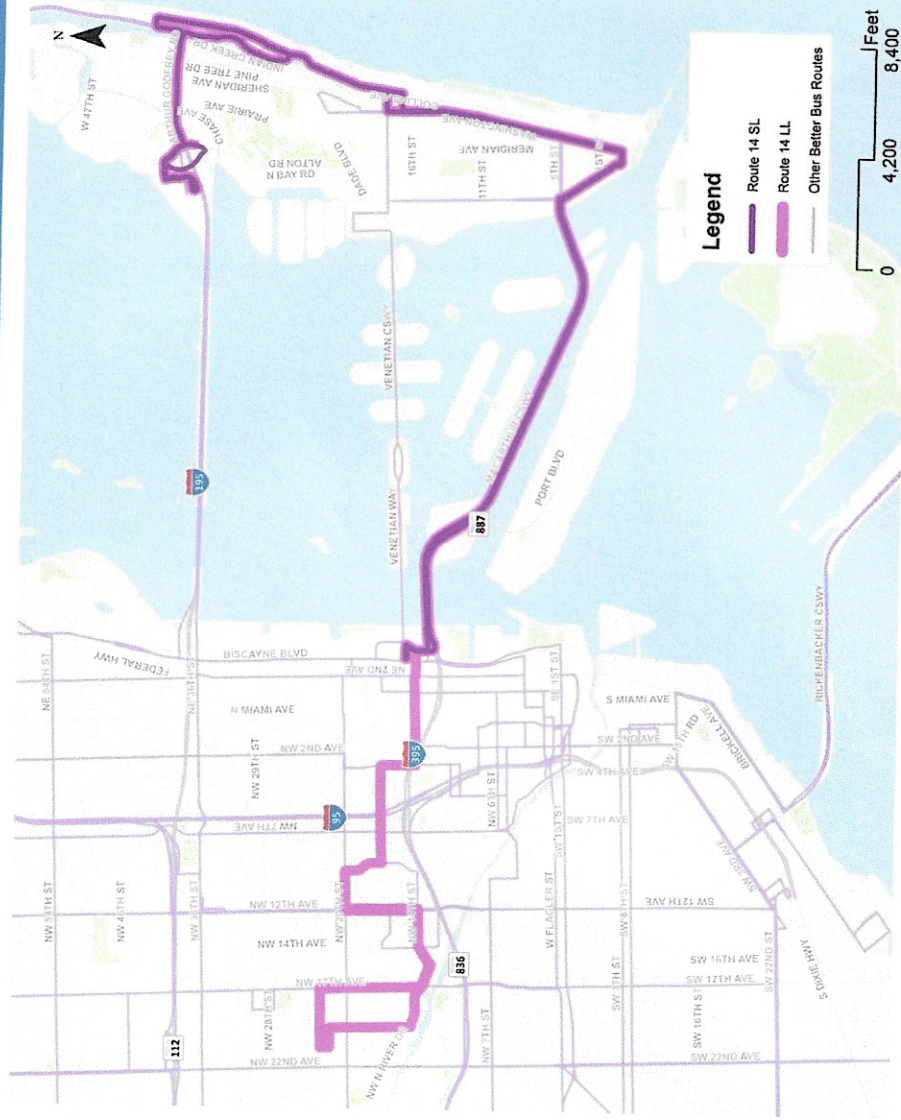


Better Bus Route 14 – Mt. Sinai-Civic Center

Key Destinations: Miami Beach, South of Fifth, Mt.Sinai Hospital, Adrienne Arsht Center Metromover station / Omni Metrobus terminal.

	Weekdays	Weekends
Peak Frequency	30/60	30/60 Sat 30/60 Sun
Off Peak Frequency	30/60	
Span of Service	6:00 AM to 22:00 PM	6:00 AM to 22:00 PM Sat 6:00 AM to 22:00 PM Sun

Note:
New route.



Better Bus Route 14 – Mt. Sinai-Civic Center (SL)

Key Destinations: Miami Beach, South of Fifth, Mt.Sinai Hospital, Adrienne Arsht Center Metromover station / Omni Metrobus terminal.

	Weekdays	Weekends
Peak Frequency	60	60 Sat 60 Sun
Off Peak Frequency	60	
Span of Service	6:00 AM to 22:00 PM	6:00 AM to 22:00 PM Sat 6:00 AM to 22:00 PM Sun

Note:
New route.



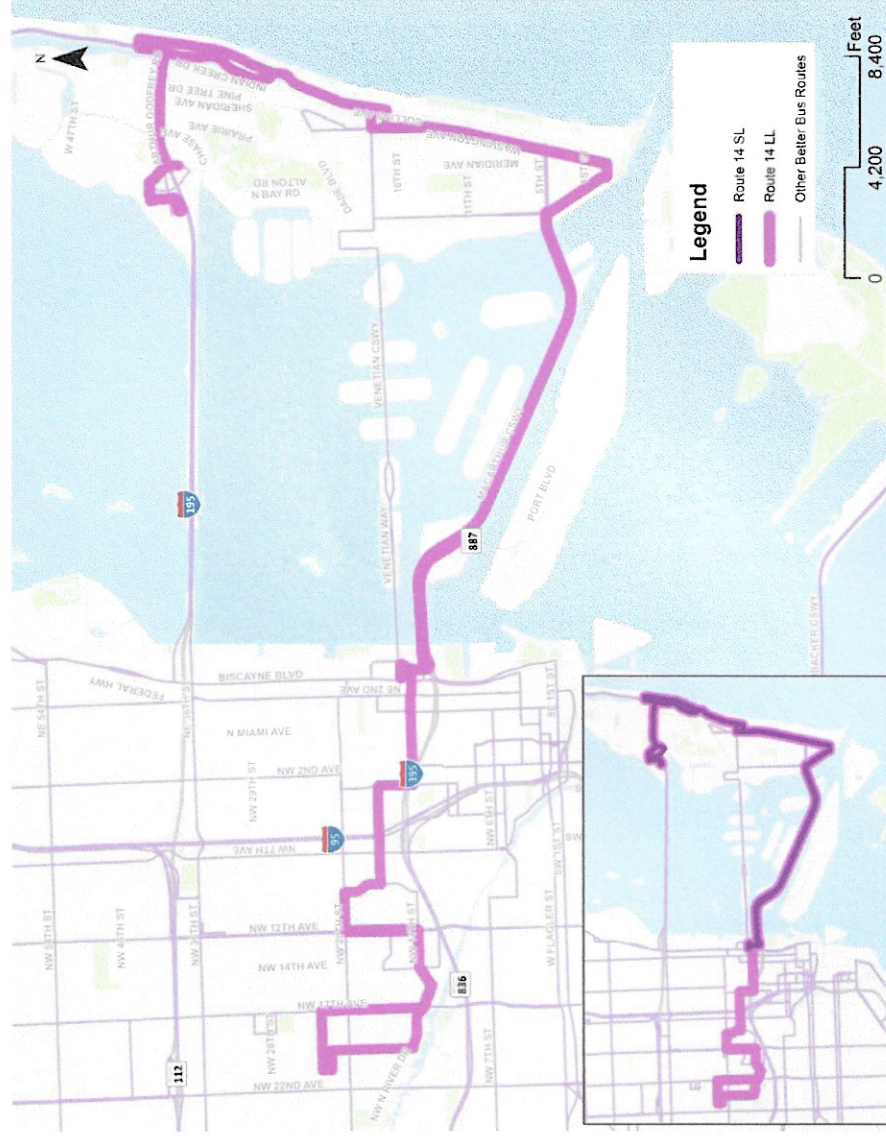
Revised Exhibit 1D Better Bus Route 14 Map-Mt. Sinai - Civic Center (LL)

Better Bus Route 14 – Mt. Sinai-Civic Center (LL)

Key Destinations: Miami Beach, South of Fifth, Mt.Sinai Hospital, Adrienne Arsht Center Metromover station / Omni Metrobus terminal.

	Weekdays	Weekends
Peak Frequency	60	60 Sat 60 Sun
Off Peak Frequency	60	
Span of Service	6:00 AM to 22:00 PM	6:00 AM to 22:00 PM Sat 6:00 AM to 22:00 PM Sun

Note:
New route.



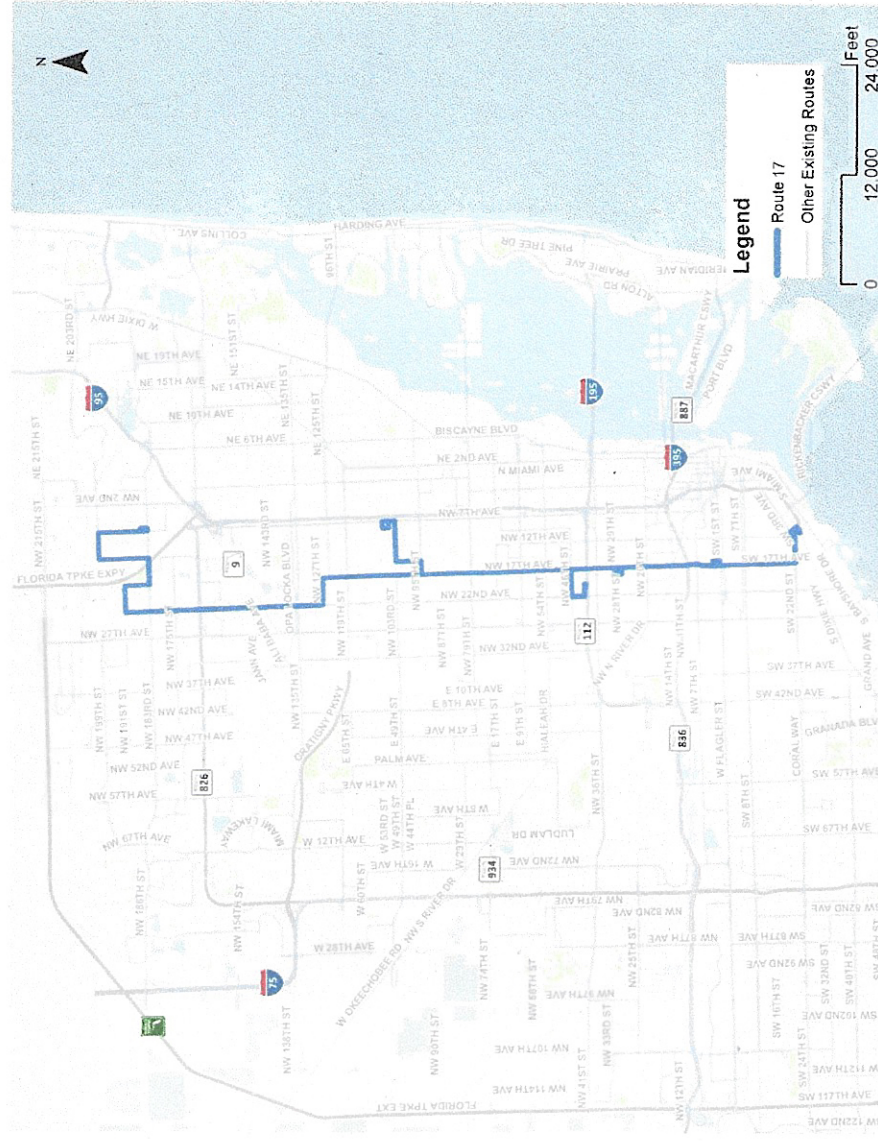
Revised Exhibit 1C Route 17 Map

Route 17 – Northwood-Vizcaya via NW-SW 17 Ave

Key Destinations: NW 199 St and 7 Ave,
Vizcaya Metrorail station, Earlington Heights
Metrorail station

	Weekdays	Weekends
Peak Frequency	15/30	30
Off Peak Frequency	30	
Span of Service	4:46 AM to 12:55 AM	4:56 AM to 12:39 AM Sat
		5:02 AM to 12:43 AM Sun

Note:
Extended to 163 St Mall. No short-turn to NW 7 Ave at 95 St.



Revised Exhibit 1D Better Bus Route 17 Map - Golden Glades - Mercy Hospital (A)

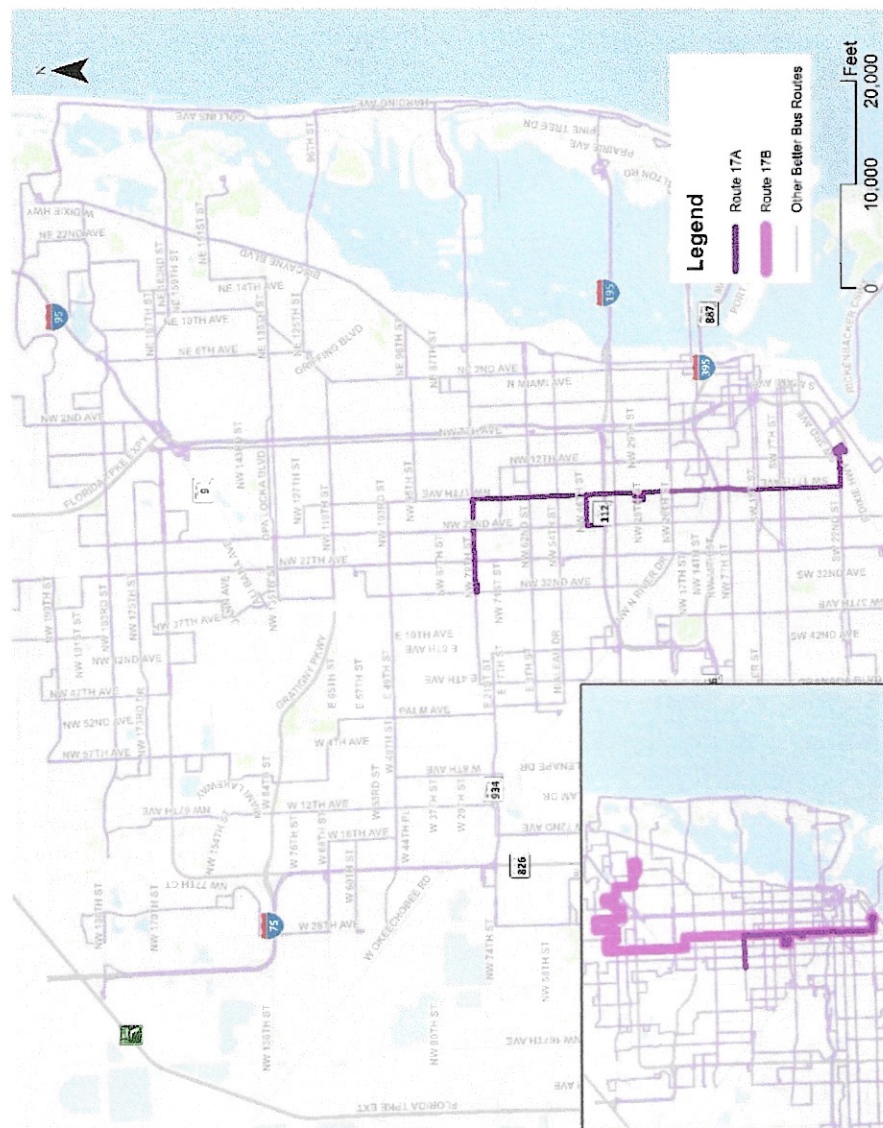
Better Bus Route 17 - Golden Glades - Mercy Hospital (A)

Key Destinations: Golden Glades, Vizcaya
Metrorail station, Earlington Heights
Metrorail station.

	Weekdays	Weekends
Peak Frequency	30	30 Sat 40 Sun
Off Peak Frequency	30	
Span of Service	4:00 AM to 12:00 AM	5:00 AM to 12:00 AM Sat 6:00 AM to 8:00 PM Sun

Note:

Existing Route 17 extended to 163
St Mall. No short-turn to NW 7 Ave at 95
St.



Revised Exhibit 1D Better Bus Route 17 Map- Golden Glades - Mercy Hospital (B)

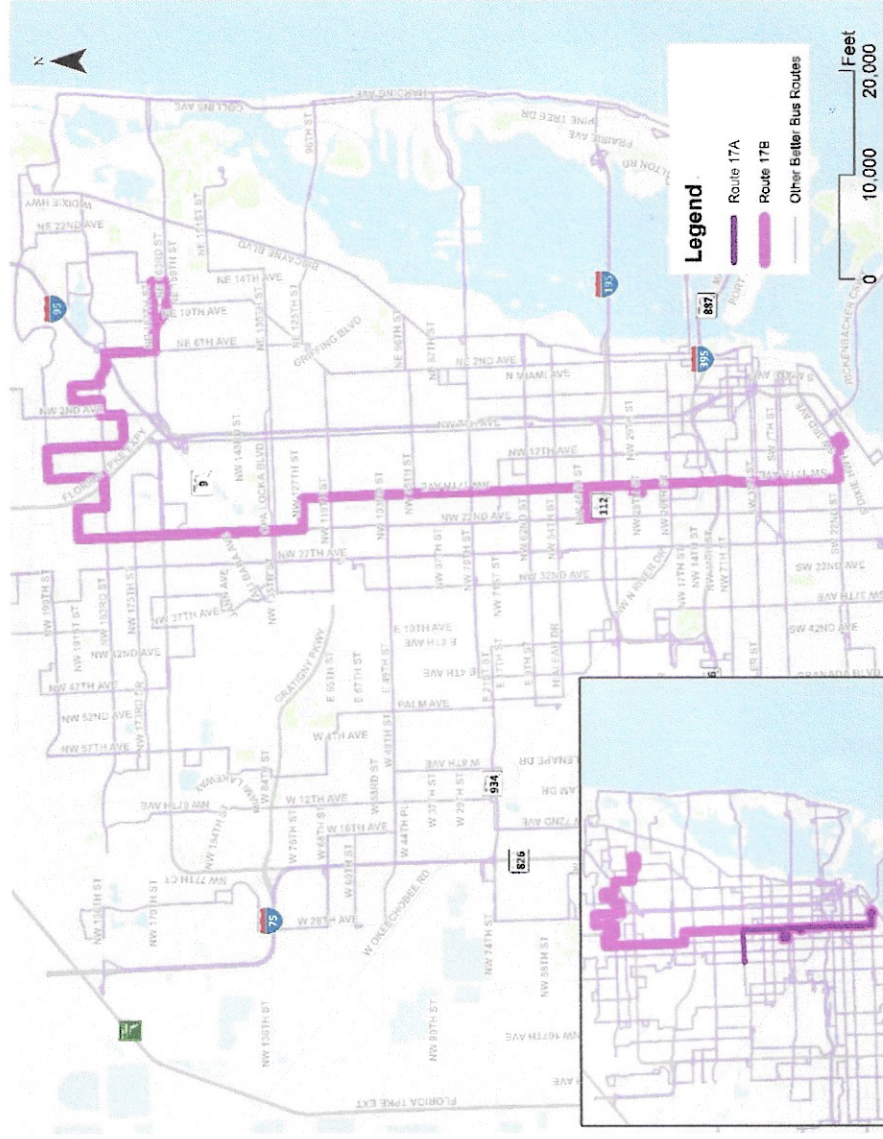
Better Bus Route 17 – Golden Glades- Mercy Hospital (B)

Key Destinations: Golden Glades,
Vizcaya Metrorail station, Earlington
Heights Metrorail station.

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

Note:

Existing Route 17 extended to 163
St Mall. No short-turn to NW 7 Ave at
95 St.



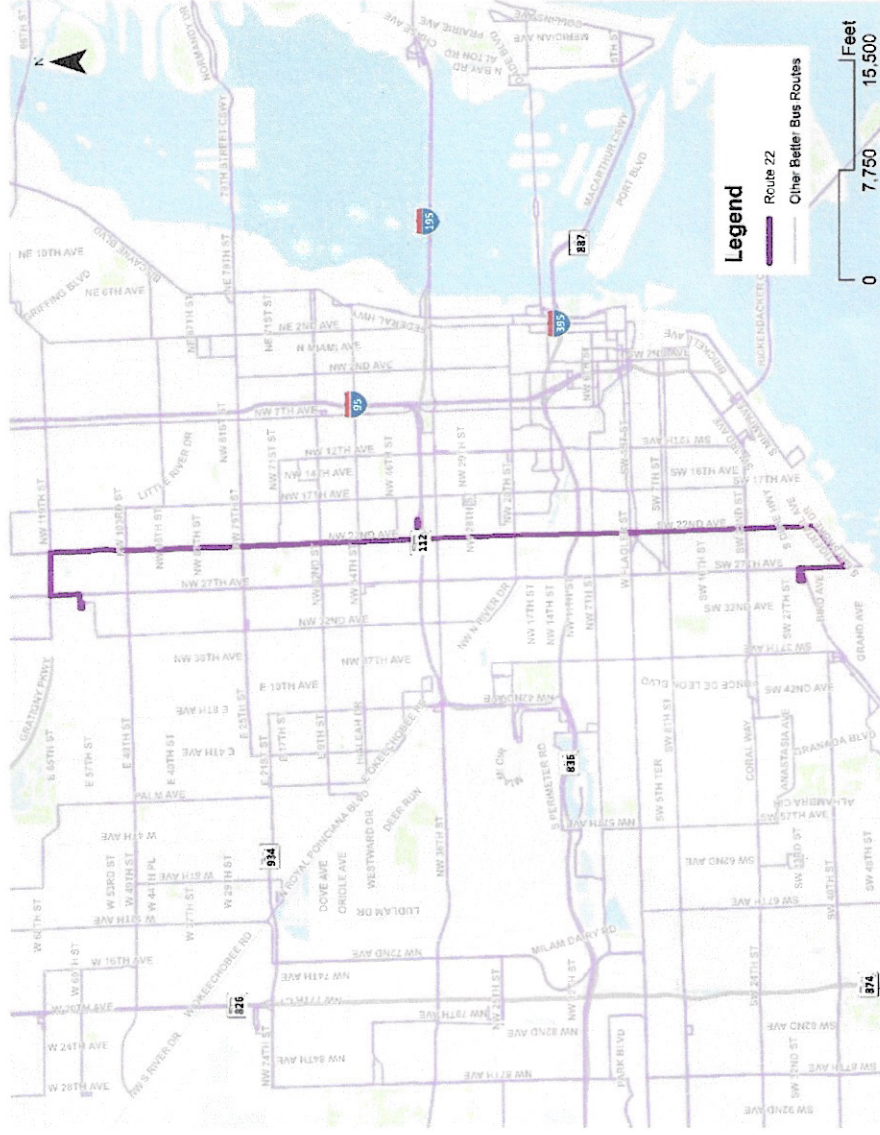
Revised Exhibit 1D Better Bus Route 22 Map

Better Bus Route 22 – MDC North-Coconut Grove

Key Destinations: Miami-Dade College North, Earlington Heights Metrorail station, Coconut Grove Metrorail station.

	Weekdays	Weekends
Peak Frequency	30	30 Sat 30 Sun
Off Peak Frequency	30	
Span of Service	5:00 AM to 11:00 PM	5:00 AM to 12:00 AM Sat 5:00 AM to 10:00 PM Sun

Note:
Existing Route 22 truncated at MDC North.



Revised Exhibit 1C Route 35 Map

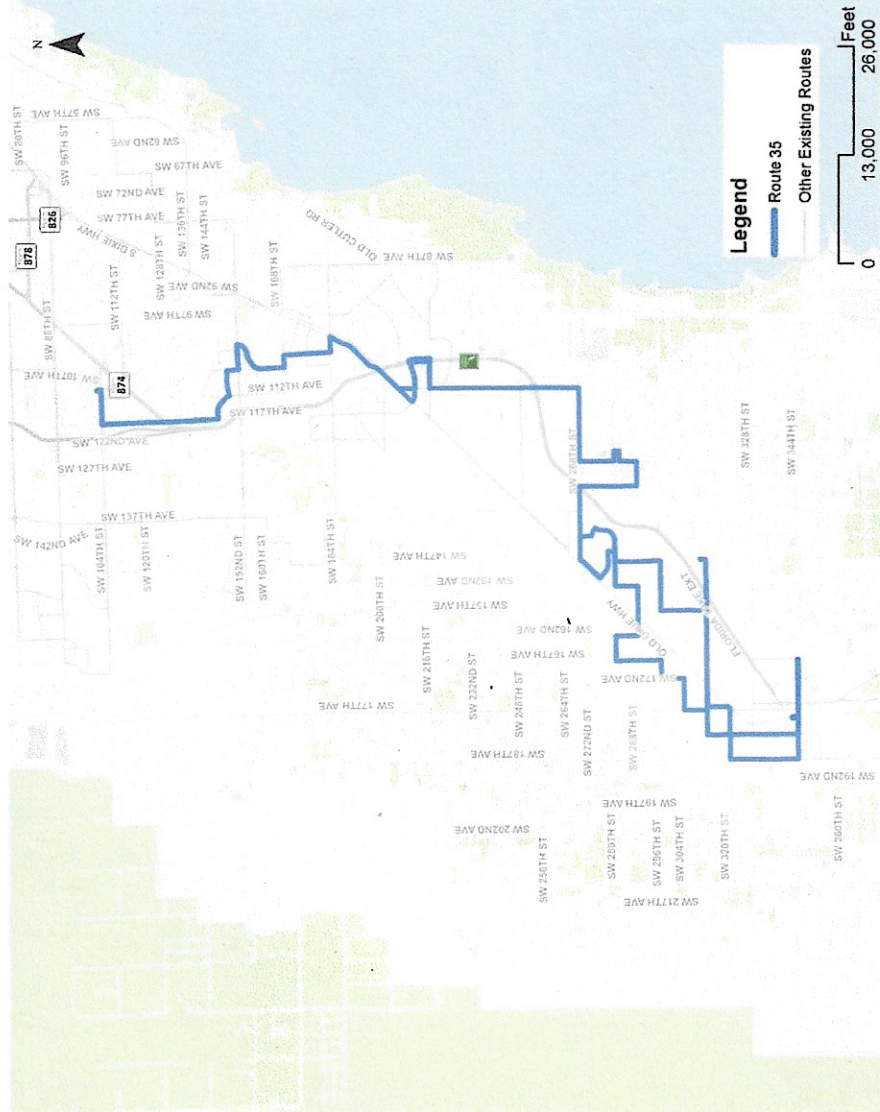
Route 35 – MDC Kendall-FL City via Cutler Bay

Key Destinations: Miami-Dade College Kendall Campus, Florida City, Richmond Heights, Perrine, Cutler Bay, Naranja, Homestead, South Dade TransitWay stations at 184 St, Marlin Rd, 200 St (Caribbean) Park & Ride, 112 Ave (Target) Park & Ride, and 344 St Park & Ride.

	Weekdays	Weekends
Peak Frequency	20/40	30/60
Off Peak Frequency	20/40	
Span of Service	4:57 AM to 12:44 AM	6:25 AM to 11:10 PM Sat. 6:35 AM to 9:10 PM Sun.

Note:

20 min frequency from Cutler Bay to Florida City. Better Bus Route 248 will serve the west side of the Transitway. Better Bus Route 107 will serve existing 35 alignment north of Southland Mall. Will be DTPW operated.



MIAMI-DADE COUNTY Draft Better Bus Network

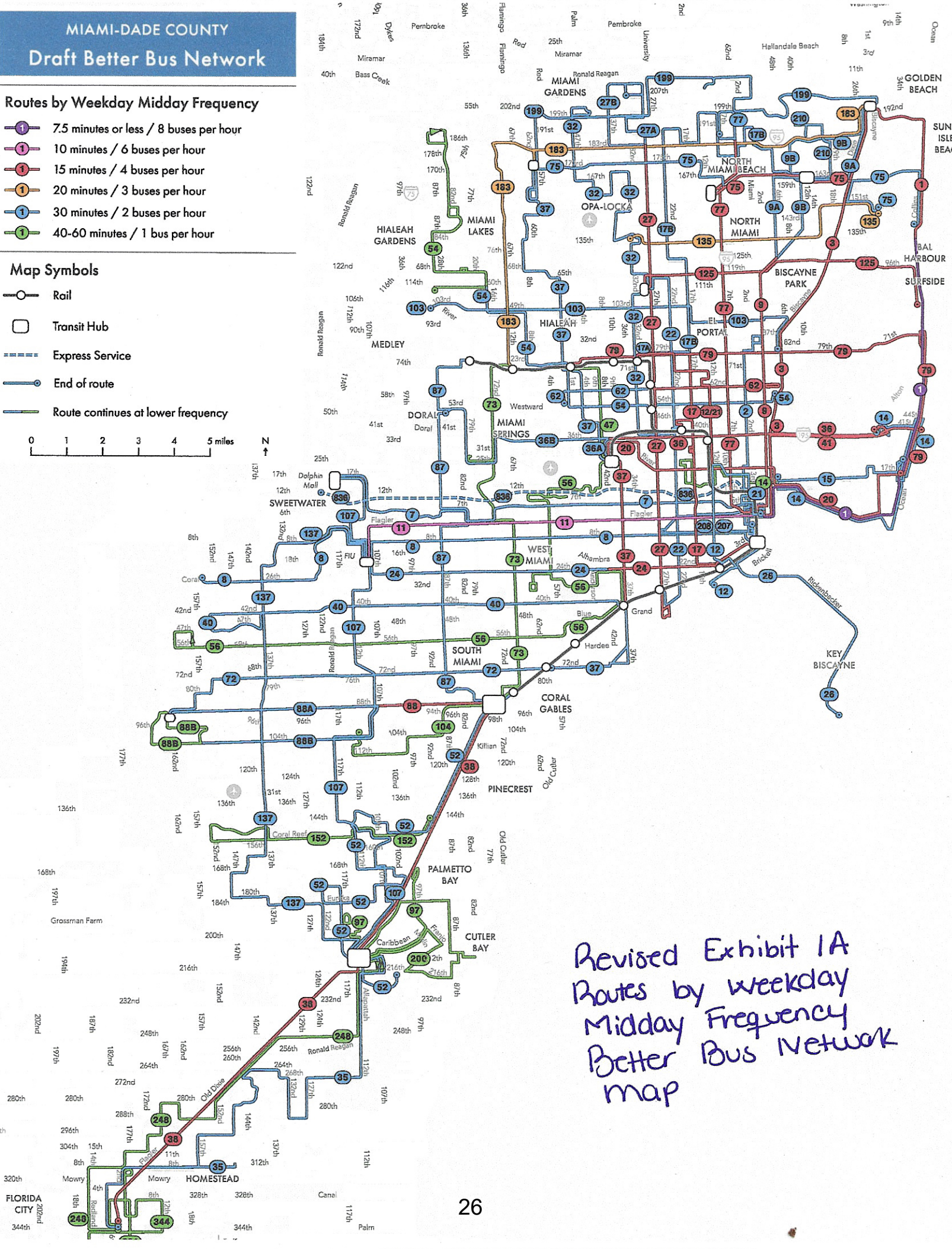
Routes by Weekday Midday Frequency

- 7.5 minutes or less / 8 buses per hour
- 10 minutes / 6 buses per hour
- 15 minutes / 4 buses per hour
- 20 minutes / 3 buses per hour
- 30 minutes / 2 buses per hour
- 40-60 minutes / 1 bus per hour

Map Symbols

- Rail
- Transit Hub
- Express Service
- End of route
- Route continues at lower frequency

0 1 2 3 4 5 miles N



Revised Exhibit 1A
Routes by weekday
Midday Frequency
Better Bus Network
map

MIAMI-DADE COUNTY Draft Better Bus Network

Routes by Weekday Peak Hour Frequency

- 7.5 minutes or less / 8 buses per hour
- 10 minutes / 6 buses per hour
- 15 minutes / 4 buses per hour
- 20 minutes / 3 buses per hour
- 30 minutes / 2 buses per hour
- 40-60 minutes / 1 bus per hour

MAX (M) Service – Limited stop service.

Peak (P) Service – Peak only all stop service.

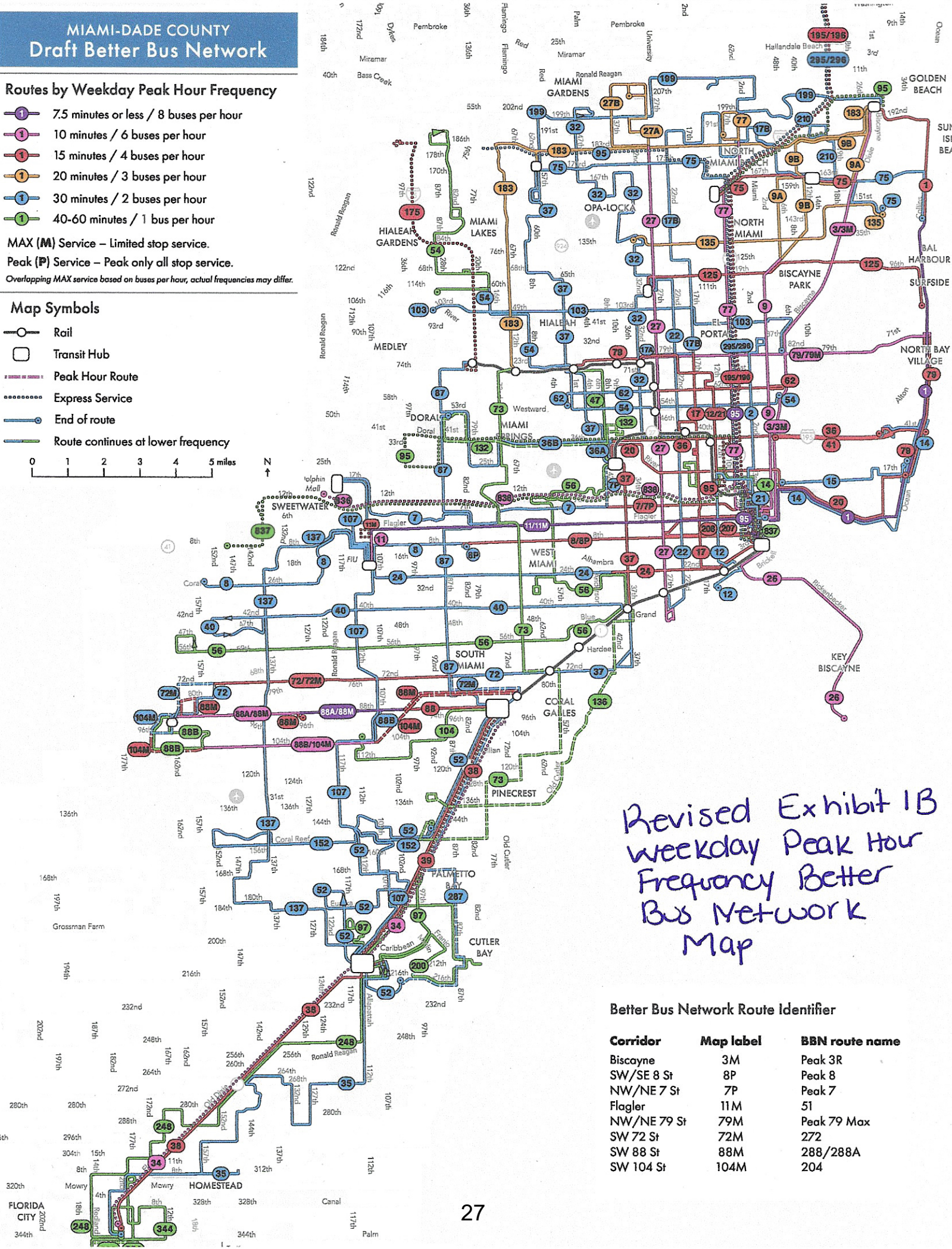
Overlapping MAX service based on buses per hour, actual frequencies may differ.

Map Symbols

- Rail
- Transit Hub
- Peak Hour Route
- Express Service
- End of route
- Route continues at lower frequency

0 1 2 3 4 5 miles

N



Revised Exhibit 1B
Weekday Peak Hour
Frequency Better
Bus Network
Map

Better Bus Network Route Identifier

Corridor	Map label	BBN route name
Biscayne	3M	Peak 3R
SW/SE 8 St	8P	Peak 8
NW/NE 7 St	7P	Peak 7
Flagler	11M	51
NW/NE 79 St	79M	Peak 79 Max
SW 72 St	72M	272
SW 88 St	88M	288/288A
SW 104 St	104M	204