EXECUTIVE SUMMARY

MARLIN Engineering was contracted by the Town of Cutler Bay to provide the community with a comprehensive system of Transit Mobility Hubs connecting to the South Dade Transitway and Town of Cutler Bay. This Plan seeks to improve connectivity, mobility and safety for pedestrians, bicyclists, and transit users through the identification of Neighborhood, Community and Regional Mobility Hubs throughout the Town’s roadway network. A total of 12 Mobility Hubs were identified throughout the Town of Cutler Bay: Six Neighborhood Hubs, Five Community Hubs and One Regional Hub. The Plan includes the location of Mobility Hubs in addition to identified amenities, improvements and recommendations to create vibrant public spaces to garner the support needed for mode shift in the Town of Cutler Bay. Mobility Hub templates have been developed for each level of Mobility Hub; these templates act as a visual aid to the development of the Mobility Hub network for the Town. Additionally, three conceptual designs for each type of Mobility Hub have been developed. Furthermore, the MARLIN team analyzed the existing Town Circulator (Route 200) and provided short-term and long-term recommendations to improve mobility and service throughout the Town of Cutler Bay. Finally, a cost estimate for improvements and amenities has been provided along with a list of prioritized recommendations.

The Town of Cutler Bay Mobility Hubs Plan builds upon the recommendations provided from the Town’s Transportation Master Plan, Bicycle & Pedestrian Master Plan, Complete Streets Corridor Analysis, Townwide Traffic Calming Master Plan, adopted Land Use Regulations; in addition to the Miami-Dade Transportation Planning Organization’s (TPO) First Mile/Last Mile Options for High-Trip Generator Employers Study and Protected Bike Lanes Demonstration Plan. The Mobility Hubs Plan supports many of the recommendations previously provided and builds upon them to continue the momentum to create safer, more walkable streets for all types of users within the Town of Cutler Bay.
WHAT IS A MOBILITY HUB?

Mobility Hubs have been defined as “major transit station areas with significant levels of transit services, high development potential, and a critical function in the regional transportation system as major trip generators. They are places of connectivity where different modes of transportation – from walking to high-speed rail – come together seamlessly and where there is an intensive concentration of employment, living, shopping and/or recreation. In addition to serving as places to arrive, depart and wait for transit, successful mobility hubs have the potential to become vibrant places of activity and destinations in themselves.” (Salsberg, 2010)

In essence, Mobility hubs are people places which integrate multi-modal travel options, technology and support services to facilitate efficient transportation. Mobility hubs support and are supported by Transit Oriented Development (TOD). TOD’s are areas which include a mixture of commercial, residential, office and entertainment uses centered around or located near a transit station.¹ TOD’s are dense, walkable, mixed-use areas near transit, which attract people and add to vibrant, connected communities.

Mobility hubs have the potential to create a synergy with TOD’s to create places for people and positively transform the community. Successful integration of this synergy can occur best with the support of stakeholders, elected officials, residents, the business community and governing organizations. Support for this synergy must include the implementation of TOD supportive zoning and land use regulations, government policies and public/private investments; which can spur the necessary development and support to create vibrant, attractive places where people want to eat, work and play.

Mobility hubs are more than transit stops, they integrate amenities for all types and all modes of transportation, and can include: pedestrian, bicycle, transit, vehicle, information, support services, technology and active uses.

¹ Federal Transit Administration
MOBILITY HUB RECOMMENDATIONS

Figure 2: Proposed Mobility Hubs Map
Table 1: Mobility Hubs Ranked by Score

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<tr>
<th>No.</th>
<th>Mobility Hub</th>
<th>Type</th>
<th>Score</th>
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<tr>
<td>2</td>
<td>Miami Heights</td>
<td>Community</td>
<td>24</td>
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<tr>
<td>3</td>
<td>Eureka Drive West</td>
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<td>4</td>
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<td>Community</td>
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<td>Whispering Pines</td>
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<tr>
<td>13</td>
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Mobility Hub Types & Locations

Regional Hub

Figure 3: Regional Hub Template
A Regional Hub is recommended at the existing Miami-Dade County Park & Ride facility located at SW 112th Avenue and the Transitway, near Target.

- Existing Routes 1, 31, 34, 35, 38, 39, 52 and 200.
- Existing Transitway Station Amenities: Shade, Seating, Trash Receptacle, Park & Ride and Signage.
- Existing Nearby Facilities: South Dade Trail, Retail/Restaurant, Industrial, Residential, and Southland Mall.

### Recommendations

#### Amenities

| Waiting Area for ride-hailing Transportation Network Companies (TNCs) | Real-Time Information | Emergency Callbox |
| Carshare | WiFi | Public Art |
| Bikeshare Station | Lending Library | Information Kiosk |
| Bicycle Repair Station | Monument Sign | Package Pickup Kiosk |
| Bicycle Storage Locker | USB Charge Port | Retail |
| EV Charge Station | Security Camera | |

#### Infrastructure

| Fill Sidewalk Gaps within ¼-mile | Pedestrian Lighting | Landscape Enhancements |
| Linear Park along Transitway Island | Pedestrian Promenade on the east side of US 1 & SW 112th Avenue | Parking Structure with Real-Time Parking Information |
Community Hubs

Figure 4: Community Hub Template
Community Hubs are recommended at the following locations:

1. **Town Center: Old Cutler Road at Publix**
   - Existing Routes: 200 (Town Circulator)
   - Existing Amenities: Shelter, Seating, Signage, Trash Receptacle, Bicycle Rack and Lighting.
   - Existing Nearby Facilities: Old Cutler Trail, Retail/Restaurant, Residential, Hospital, Places of Worship.

2. **Marlin: Marlin Road & U.S.1 / S. Dixie Hwy**
   - Existing Routes: 31, 35, 38, 200 (Town Circulator)
   - Existing Amenities: Seating, Trash Receptacle, and Signage.
   - Existing Transitway Amenities: Seating, Shade, Trash Receptacle, Lighting and Signage.
   - Existing Nearby Facilities: Retail / Restaurants, Bank, Residential, Industrial, Schools, Career Center, Grocery and Place of Worship.

3. **Eureka Drive West: Eureka Dr. / SW 184 St, East of U.S. 1 / S. Dixie Hwy.**
   - Existing Routes: 1, 31, 35, 38, 52, 200 (Town Circulator)
   - Existing Amenities: Seating, Signage, and Trash Receptacle.
   - Existing Transitway Amenities: Shelter, Seating, Trash Receptacle, Signage and Lighting.
   - Existing Nearby Facilities: South Dade Trail, Retail/Restaurants, Bank, Fitness Center, Residential, Industrial, Park, Grocery, Places of Worship, Schools.

4. **Miami Heights: SW 200 Ave. / Caribbean Blvd. & U.S. 1 / S. Dixie Hwy**
   - Existing Routes: 1, 31, 35, 38, 39, 52, 200 (Town Circulator).
   - Existing Amenities: Seating, Trash Receptacle and Signage.
   - Existing Transitway Amenities: Seating, Shade, Trash Receptacle, Lighting and Signage.
   - Existing Nearby Facilities: South Dade Trail, Retail / Restaurant, Town Hall, Southland Mall, Residential, Hotel, and Office Park.

5. **South Dade: SW 211 St. at Southland Mall / South Dade Government Center**
   - Existing Routes: 1, 31, 35, 39, 52, 137, 200 (Town Circulator), and 248.
   - Existing Nearby Facilities: Southland Mall, South Dade Government Center, Library, Retail / Restaurants, Residential, South Dade Cultural Center, Police, Fire, Town Hall, Movie Theater, Humane Society, Hotel, Offices and Bank.
### Recommendations

#### Amenities
- Shelter
- Lighting
- Bikeshare Station
- Bicycle Rack
- Trash/Recycle Receptacle
- USB Charging Station
- EV Charge Station
- Carshare
- Security Camera
- Emergency Callbox
- Lending Library
- Public Art
- Public Space
- Real-Time Signage

#### Optional Amenities
- Kiss & Ride
- Package Pickup Kiosk
- Information Kiosk
- Air Misting System
- WiFi
- Park & Ride
- Waiting Area for TNCs
- Bicycle Repair Station
- Bicycle Storage Locker

#### Infrastructure
- Fill Sidewalk Gaps within ¼-Mile
- Pedestrian Lighting
- Landscape Enhancements
- ADA Improvements
- Midblock Crossing with Flashing Beacon & Signage (where feasible)
- High Emphasis Crosswalks
- Bicycle Lanes / Shared Use Path
- Pedestrian Crossing Signs
- Increase Sidewalks to 8 – 10’
- Street Furniture
- Bicycle Signals (where feasible)
- Bike Box (where feasible)
Neighborhood Hubs

Figure 5: Neighborhood Hub Template
Neighborhood Hubs are recommended at the following locations:

1. **Lakes by the Bay: SW 85 Ave. & SW 212 St.**
   - Existing Routes: 200 (Town Circulator) and 287
   - Existing Amenities: Shelter, Seating, Trash Receptacle, Lighting, Bike Rack and Signage.
   - Existing Nearby Facilities: Residential, Schools and Park.

2. **Pine Wood: SW 87 Ave. & SW 190 St.**
   - Existing Routes: 200 (Town Circulator) and 287
   - Existing Amenities: Shelter, Seating, Trash Receptacle, Lighting, Signage & System Map.
   - Existing Facilities Nearby: Residential, Schools, Place of Worship and Park.

3. **Whispering Pines: Caribbean Blvd. & Franjo Rd.**
   - Existing Routes: 1 and 200 (Town Circulator)
   - Existing Amenities: Seating, Bicycle Rack, Bus Bay and Signage.
   - Existing Nearby Facilities: Residential and Schools.

4. **Cutler Ride: Caribbean Blvd. & Anchor Rd.**
   - Existing Routes: 1 and 200 (Town Circulator)
   - Existing Amenities: Seating, Shelter, Bicycle Rack, Trash Receptacle, Lighting and Signage.

5. **The Isles: SW 216 St. & SW 89 Pl**
   - Existing Routes: 200 (Town Circulator) & 287
   - Existing Amenities: None
   - Existing Nearby Facilities: Biscayne Trail, Park and Residential.

6. **Eureka Drive East: Old Cutler Road & SW 184 St.**
   - Existing Routes: None
   - Existing Amenities: None

7. **Community Health: SW 216 St. & SW 102 Ave.**
Existing Routes: 52 and 287
Existing Amenities: Seating, Trash Receptacle, Lighting, Bus Bay & Signage.
Existing Nearby Facilities: Hospital, Old Cutler Trail, Residential, Places of Worship, and Parks.

Recommendations

Amenities
- Shelter
- Seating
- Real-Time Signage
- Bikeshare
- Public Art
- Pedestrian Plaza / Pocket Park
- Lending Library
- USB Charge Station
- Trash/Recycle Receptacle
- Bicycle Rack
- Emergency Callbox

Optional Amenities
- Package Pickup Kiosk
- Carshare
- Security Camera
- USB Charge Station
- Air Misting System
- Motion Sensing Lighting

Infrastructure
- 4-5’ Bicycle Lanes
- Midblock Crossings with Flashing Beacon, Inground Lighting & Signage
- Pedestrian Lighting
- 10’ Shared Use Path
- Curb Extensions
- Bike Box
- Landscape Enhancements
- Travel Lane Reductions
- Bicycle Signal
- Enhanced Pedestrian Crossings
- Fill Sidewalk Gaps within ¼-mile
- Pedestrian Signage at Crossings

Town Circulator Recommendations

Short-Term Recommendations
1. Addition of counter-clockwise service to existing service to reduce wait times.
2. Extending hours of operation to include peak travel times.

Long-Term Recommendations
1. Bifurcate existing route into two routes and extend service to other areas of the community.
   a. North Route would cover areas north of Old Cutler Road and west of SW 87 Ave., including the U.S. 1 / S. Dixie Hwy. commercial corridor.
   b. South Route would cover areas south of Old Cutler Road and east of SW 87 Ave., including the Town Center District.
2. Commercial Circulator would cover the U.S. 1 / S. Dixie Hwy. corridor, at build out.
Other Recommendations

- Support of previous bicycle, pedestrian and transit recommendations from the following completed plans:
  - Town of Cutler Bay Bicycle & Pedestrian Master Plan
  - Town of Cutler Bay Complete Streets Corridor Analysis
  - Town of Cutler Bay Transportation Master Plan
  - Townwide Traffic Calming Master Plan
  - Town Street Tree Master Plan
  - Evaluation of Multimodal Mobility Options in the South Miami-Dade Area
  - Countywide Bus and Auto/Rideshare Access to Transit Facility Assessment Study
  - Miami-Dade County Vision Zero Plan
  - Miami-Dade TPO First Mile-Last Mile: Options with High Trip Generator Employers
  - The Strategic Miami Area Rapid Transit Plan (SMART) – South Dade Transitway Corridor
  - Miami-Dade TPO Protected Bike Lanes Demonstration Plan
- Support of Transit Corridor & Town Center Zoning Districts & Increased Density along U.S. 1 / S. Dixie Hwy.
- Incorporate Mobility Hub elements and amenities in future development projects.
- Allocate space for shared services such as on demand shuttles and rideshare companies, and consider the flexible use of that space where necessary.
- Partner with shared mobility service providers to integrate shared mobility services into a platform for trip planning and payment.
- Amend the development review process to encourage developers to incorporate Mobility Hub features into their projects.
- Adopt off-street parking requirements to better align with Mobility Hub investments.
- Implement flexible curb space to meet the needs of shared mobility services and the changing demands of users.
- Encourage businesses and/or developers to partner with government agencies to test technologies and service concepts in real world environments.
- Adopt a Branding & Marketing Plan and include a Wayfinding Signage Program.
- Explore the use of Shared Mobility Options.
- Explore the adoption of a Public Art Program to fund and implement Public Art throughout the Town.
- Create Transit Partnerships with neighboring communities.
- Implement Green Infrastructure Techniques for landscape enhancements.
- Create a Pedestrian Promenade along the east side of U.S. 1 / S. Dixie Hwy.
- Adopt of Curbside Management Plan.
- Adopt Transportation Demand Management policies.