



WELCOME

**City of Tampa Shared
Micromobility Deployment April
2024 BPAC**



Introduction

Lime E-Bike

Gross weight: 32.7 kg
 Dimensions: 179.3 cm L x 62.5 cm W x 111.8 cm H
 Top speed: 25 km/h



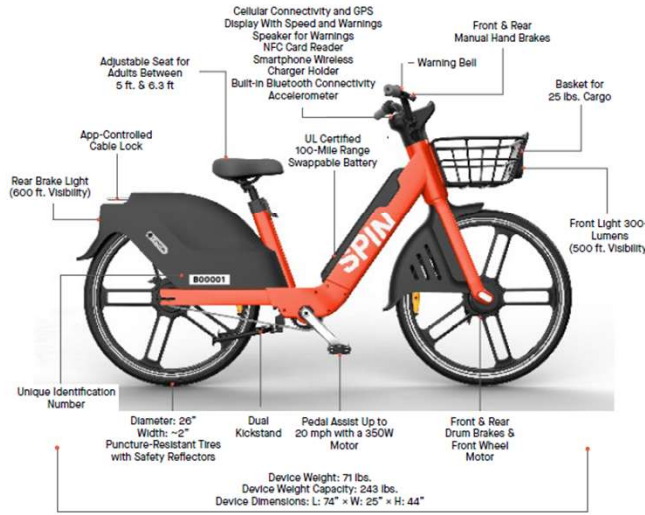
Rapid start
allows existing Helbiz users with pre-purchased ride credits to tap, and start riding.

Swappable battery
electronic lock secures battery, and allows for rapid swaps by staff on e-bikes.

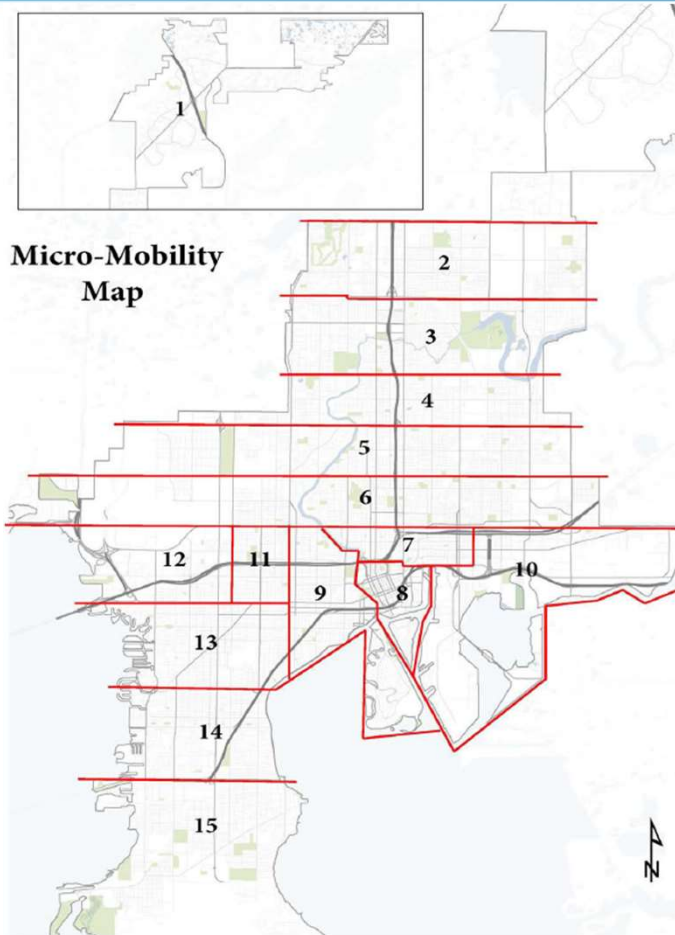
Large wheels
Combined with gel-filled tires offer smooth riding over any type of terrain.

Reflective stickers
provide better visibility to drivers and cyclists at night.

Wide floor board
stability allows riders to feel secure on their first trip.



Deployment Areas

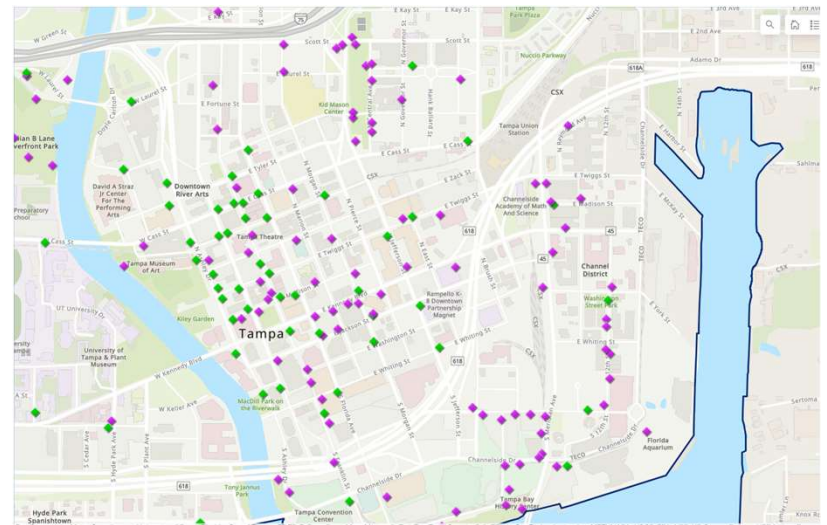


- Operators will be required to install and maintain all shared micromobility vehicles at a:
 - Marked corral
 - Electronic virtual corral
 - Bicycle rack
 - Scooter rack
 - Charging station
- All users are required to place all micromobility vehicles into locations mentioned above.
- Operators shall submit plans for approval and mark all corrals

Program Changes



- Dock-to-Dock Operation
- Out-of-Hub Fees
- Bounty



Enforcement (Out-of-Hub Fees & Bounty)



- All Operators shall provide for a docking location to docking location riding system
- Employ a “Out-of-Hub Fee” with an out of hub bounty system
 - Penalty Fee
 - System in which riders will be assessed an “out of hub” penalty fee when micromobility vehicle is not properly placed back into docking station.
 - Bounty Fee
 - System to allow all the public to participate by collecting the “out of hub” fee by placing the micromobility vehicles back into docking station.

Out-of-Hub Fees & Bounty Lime



- Out of Hub Fee
 - \$5 per vehicle
- Bounty and Redemption Process
 - \$2.5 bounty
 - Redemption: Signup page [Lime.bike/juicer](https://lime.bike/juicer)
 - Requires training and liability waivers to handle & operate ebikes

Out-of-Hub Fees & Bounty Spin



- **Out of Hub Fee**

- User continues to accrue the per ride fee until the scooter is moved in the hub or 30 minutes (adjustable) have passed

- **Bounty and Redemption Process**

- **Community Rebalancing**

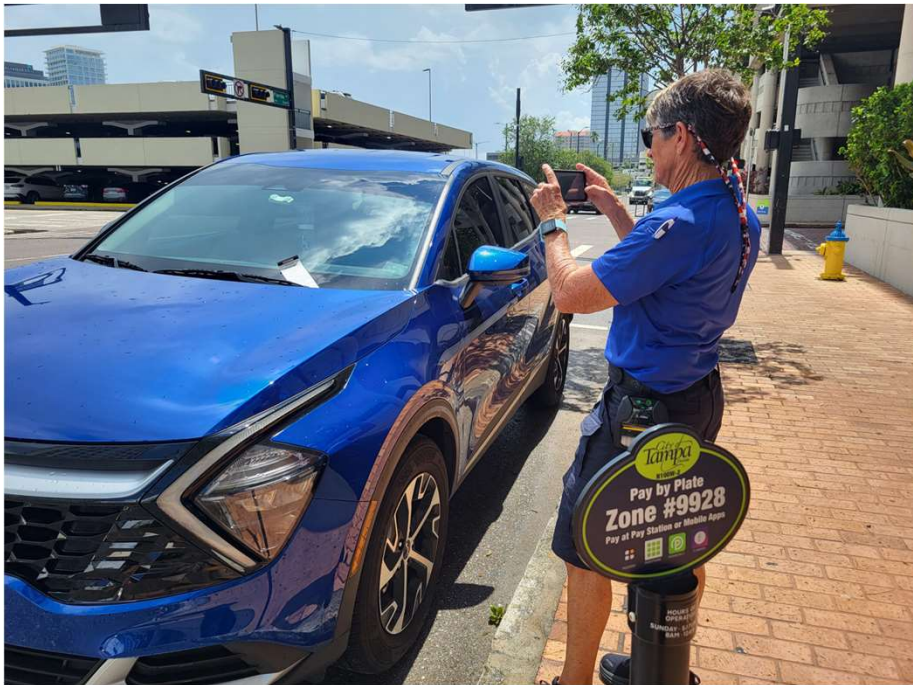
- Enables Spin to highlight improperly parked devices in app and offer riders a financial incentive to choose that vehicle for their next ride.
- Eligible vehicles are highlighted in the in-app map using the "\$" symbol. The amount is dynamic based on time and location (typically \$0.50-\$1)
- If no rider has initiated Community Rebalancing, we dispatch the closest team member to address the issue.
- Reduces vehicle miles traveled (VMT) and operational emissions!

Out-of-Hub Fees & Bounty Helbiz



- Out of Hub Fee
 - \$5 charged to the rider for a vehicle that is parked outside of a hub
- Bounty and Redemption Process
 - \$2.50 off a ride (for regular riders)
 - A discount for any rider that picks up a scooter on bounty and returns it to a hub location
 - Internal incentives will also be available to ensure vehicles are brought back to hub locations

Enforcement (City Side)



- **Vendor Compliance**

- Vendors will be required to submit a log of all “Out-of-Hub” fees charged to users for each month along with the indicated vehicle number.
- This list will be compared to the list created by City of Tampa Program staff for reported vehicles to monitor vendor compliance.

Corral Requirements



- Preferred placement is on-street
 - Existing hashed areas
- Located near key destination points
 - Grocery Stores
 - Employment Areas
 - Health Establishments
 - Parks
 - Transit Stops

Corral Placement Examples

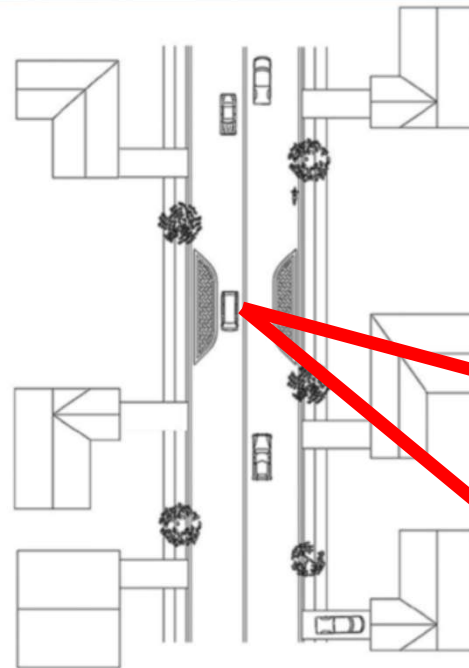
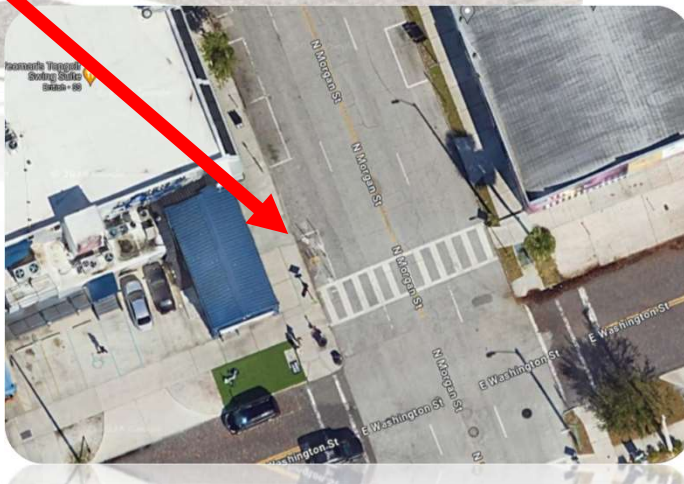


Figure 3.17.1. Choker Schematic
(Source: Delaware Department of Transportation)



Deployment Areas



We Need Your Input!

PublicCoordinate

City of Tampa Shared Micromobility Public Input

Created By Kimley»Horn

Welcome Admin Select Language
Powered by Google Translate

Basemap Type
Satellite

Search

Filter Comments
Add Comment
Take Survey

Legend
City of Tampa Boundary

mapbox

City of Tampa Shared Micromobility Public Input

We want your input! Where should shared micromobility coral locations be installed? Why did you pick those potential shared micromobility coral locations? Do you have any pictures to help support your recommendation? Please follow the below steps for provide feedback via the City of Tampa map and survey.

Step 1:
Click "OK" below and click the orange "Take Survey" box on the right side of the screen to share valued feedback.

If you are on a mobile device, click the purple box in the upper right corner of your screen, and then select "Take Survey."

Step 2:
Click the blue "Add Comment" box on the right side of the screen to place

OK

We Need Your Input!

PublicCoordinate Created By Kimley-Horn

City of Tampa Shared Micromobility Public Input Welcome Admin Select Language Powered by Google Translate

Basemap Type
Satellite

Legend
City of Tampa Boundary

Filter Comments
Add Comment
Take Survey

© Mapbox © OpenStreetMap Improve this map © Maxar

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Provide Email to Comment

Please provide an email address to add a comment. Your information will not display on the map and will only be collected by the project team in the event we need to contact you for clarification.

Submit Cancel

Legend
City of Tampa Boundary

mapbox

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Filler Comments
Add Comment
Survey

Add Comment

Add Point Comment

- ADA Accessible Vehicle
- Other
- Home
- Groceries
- Transit
- Doctor
- Park
- Work

The screenshot displays the PublicCoordinate interface for the City of Tampa. The main area is a satellite map of Tampa, Florida, with a blue outline indicating the city boundary. On the right side, there is a vertical toolbar with buttons for 'Filler Comments', 'Add Comment', and 'Survey'. A red arrow points to the 'Survey' button. Below the toolbar is a list of 'Add Point Comment' categories, each with a radio button: ADA Accessible Vehicle, Other, Home, Groceries, Transit, Doctor, Park, and Work. The top right corner shows user information: 'Welcome Admin' and a language selection dropdown. The top left corner shows the 'PublicCoordinate' logo and the title 'City of Tampa Shared Micromobility Public Input'. The bottom left corner has a legend and the Mapbox logo.

We Need Your Input!

PublicCoordinate
City of Tampa Shared Micromobility Public Input

Created by Kimley»Horn

Welcome Admin Select Language
Powered by Google Translate

Basemap Type
Satellite

Click anywhere on the map to add a comment.

Search

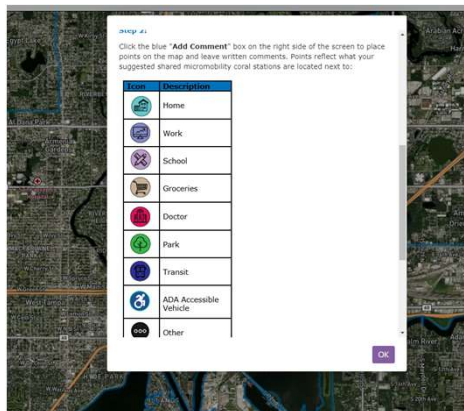
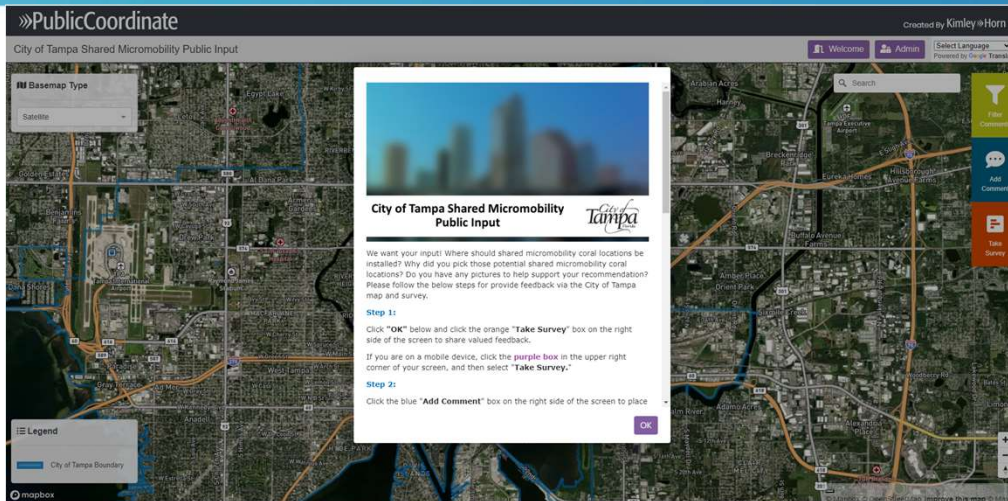
Filter Comments
Add Comment
Take Survey

Legend
City of Tampa Boundary

© Mapbox © OpenStreetMap Improve this map © Maxar

The screenshot displays the PublicCoordinate web application interface. At the top, the title "PublicCoordinate" and subtitle "City of Tampa Shared Micromobility Public Input" are visible. The user "Kimley»Horn" is logged in. A navigation bar includes "Welcome", "Admin", and a language selection dropdown. The main area is a satellite map of downtown Tampa, Florida, with a blue line indicating the city boundary. A red arrow points from the right side of the map towards a green location marker on the west bank of the Hillsborough River. A white information box with an 'i' icon and the text "Click anywhere on the map to add a comment." is positioned over the map. On the right side, there is a vertical toolbar with buttons for "Filter Comments", "Add Comment", and "Take Survey". A search bar is located at the top right of the map area. A legend in the bottom left corner identifies the blue line as the "City of Tampa Boundary". The bottom of the page shows copyright information for Mapbox, OpenStreetMap, and Maxar.

We Need Your Input!



- Where would you like to see and use shared micromobility corrals in your community?

• <https://app.publiccoordinate.com/#/projects/tampasharedmicromobility>



Use your smart device to scan this QR Code to be taken directly to the Community Input Survey