

## Micromobility Committee Meeting

July 13, 2022

### Attendees

Ahmed Rashad, Superpedestrian	Kaitlyn Schaffer, Kittelson & Associates
Ana Malladi, Bird	Lauren Scribi, Bird
Anjanette Wiggins, Enoch Pratt Library	Luciano Diaz, BCDOT
Arco Sen, Parking Authority	Mateo Mayor, Kiwibot
Ava Richardson, Department of Planning	Matias Longo, Spin
Breanna Bledsoe, Spin	Matt Kujava, Waterfront Partnership
Chalene Mingus, Baltimore Metropolitan Council	Menelik Yeha, Bikemore
DAngelo Goffigan, Superpedestrian	Nathan Barash, Bird
Don Halligan, Baltimore Metropolitan Council	Patrick McMahon, MDOT
Erika Duthely, Lime	Phil Sung, Bird
Felipe Pinzon, Kiwibot	Sam Storey, Downtown Partnership
Hale Erkan, UT Austin	Sonya Thomas, Bikemore
Hayden Andersen, Kittelson & Associates	Theo Ngongang, BCDOT
Hugh Scoggins, Civil Rights	Tiffany Walker, DPW
Jed Weeks, Bikemore	Walter Rosenkranz, Superpedestrian
Jeffery Flemming, BCDOT	

### Meeting Minutes

- **Meeting & Permit Cycle**
  - **Poll:** Should we rename this committee?
    - Most voted for Micromobility over other Dockless Vehicle Committee (7 to 3)
  - **2023 Permit**
    - Renewal(s) for any company without citations as of May 31, 2023
    - Anticipating 2-3 permits and possible RFP for supporting services (adaptive vehicles, e-bikes, outreach)
    - Application for available permits to open May, 2023
  - **Future Meetings**
    - October 2022
      - Fleet Increase applications (2022 Fleets: Link 1100, Spin 1800, Bird 2000)
      - Discuss RFP and R&R revisions
    - January 2023
      - Review survey and RFP drafts
    - April 2023
      - Review survey results
      - Public comment
- **Data Updates**
  - Ridership numbers

- 2022 ridership is trending with past years, but has experienced a recent dip due to changes in permit holders
  - Compliance Review
    - Update provided of 2021-2022 citations issued
  - Data requests
  - Corral analysis & next locations
    - Corrals are designated micromobility parking areas, at least 6x12 ft, preferably installed in on-street parking areas
    - Users are incentivized to park vehicles in corals
    - Corals sites are chosen based on heatmaps of trip destinations
    - There are 64 existing corrals, with 33 new locations proposed
    - 20% of trips will be serviced by corrals with new installations
    - **Questions:**
      - Will these additional corrals also be mandatory release locations per block face?
        - Yes, if there is a corral, it will be the mandatory point of deployment on that block face.
      - Will there be corrals at MTA stations?
        - Yes, corrals are installed or planned for metro and light rail stations.
      - How much parking is expected to be lost due to corral installation?
        - Parking supply loss will be minimal, as corrals will generally be placed in corner “daylight” zones.
      - Are there any plans to place parking blocks on the parking side of corrals to prevent vehicles from backing into the corral?
        - We will not utilize parking blocks, as cities have stopped using parking blocks for corrals because some riders have not seen them and crashed into them.
      - Are there any planned corrals near Johns Hopkins University or Hospital?
        - There are several corrals at Johns Hopkins Hospital and a few virtual corrals surrounding existing bike parking areas. The university has provided their own bike rack parking areas.
- **Permit Holder updates**
  - Bird
    - Bird utilizes a local fleet manager model
    - Local operations can create significant economic benefits for a city
    - Bird provides 50% off community pricing for veterans, senior citizens, and other eligible riders
    - New scooter BirdThree and Bird Bike will soon be available
    - Safe Start Feature implemented: Riders trying to ride at night are required to enter a key word into the app to make sure they are fit to ride
    - Upcoming event: Bikemore + Bird Mobile Bikeshop (Aug 23)
      - Bikeshop and scooter/bike safety

- **Questions**
  - How many scooters and bikes will Bird be deploying?
    - The plan is to have 400 vehicles by the end of July, 1,200 by August, and eventually get to 1,600
    - Bikes should show up in the next two weeks (the goal is to get to 200-300 bikes).
  - Will it be possible to search just for bikes in the app?
    - Yes, you'll be able to choose between scooters and bikes.
  - Will scooter and bicycle supply information be available in the Transit app?
    - Yes!
  - Is the bike shop for only for Bird bikes, or for personal bikes as well?
    - The bike shop is for personal bikes.
- **Spin**
  - Spin was the only company to receive an automatic permit renewal based on compliance and community feedback
  - Current fleet size: 1,800
  - Since launching in Baltimore, there have been over 170k Spin users, with over 1.3 million trips
  - Johns Hopkins Business school challenge: students generated ideas to promote equity in Baltimore micromobility
  - Dover vehicle pilot: Sensors can detect sidewalk riding, and will alert rider to not ride on the sidewalk
    - **Question:** How does this work in a case where it's a mixed-use path that visually appears as a sidewalk?
      - The vehicle AI can be trained on a city-by-city, surface-by-surface basis.
- **Superpedestrian**
  - Current fleet size: 1,100
  - Seated scooters introduced
    - 5,000 trips
    - Trips last longer on seated scooters (average duration of 20 minutes)
    - Baskets added to seated scooters
  - Adaptive Vehicle Program: Link Access
    - Provides adaptive vehicles that accommodate some disabilities, including a wheelchair attachment and electric tricycle
  - Link-Up equity program
    - 70% discount provided to qualified riders
    - 30,000+ trips so far
    - Nearly 500 participants
    - Baltimore is a top-5 city for Link-Up trips and Link-Up users
  - Events Recap: Lake 2 Lake Play Day, Library event, Cyclovia, Bike to Work month, Charles Street Promenade
  - **Comment:**

- “It would be cool to figure out a way to get people who enroll in one company's program to be automatically eligible and enrolled to other company access programs. Like a city effort to do that.”

- **Discussion**

- Reinvestment of Permit fees for equitable service
  - \$150,000 annual budget from permit fees, equating to ~60 person hours/week
  - **Poll:** What parts of equitable operations could be turned over to a local non-profit partner using the permit fees?
    - Assistance with adaptive vehicles (1<sup>st</sup> place)
    - Rebalancing bikes (tied for 2<sup>nd</sup>)
    - Promoting community awareness through events or other tactics (tied for 2<sup>nd</sup>)
  - Who should be involved in these programs:
    - Permit holders
    - Young people
    - BYKE
    - B360
    - Bikemore
    - Neighborhood/coalition groups
- Regulation: Personal Delivery Devices (PdD)
  - Key considerations for future city policies
    - Weight and size limits
    - Where they should be allowed to operate
    - Equity considerations
    - Outreach
  - Working group tentatively scheduled for July 25, 2022 to decide what regulations should be in place for PDDs
  - PDDs deployed at Morgan State University are 45.1 pounds

- **Looking Ahead**

- Large events:
  - Orioles and Ravens games
  - Vegan Fest
  - Baltimore by Baltimore
  - First Thursdays
- Next Meeting: October 12, 2022