



# TRANSPORTATION PUBLIC WORKS

## Urban Transportation Commission May 7, 2024 Shared Mobility Program Update

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5/3/2024

Shared Mobility Services



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# BRIEFING OVERVIEW

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# 2023 System Overview

## Current Operators | Fleet Size

**Lime** | 3,700 scooters & 180 ebikes

**Bird** | 3000 scooters

## 2023 Total Trips

**Lime** 1,868,208 scooters & 63,402 ebikes

**Bird** 791,337

**Link** 224,246

**Wheels** 33,109

## Total Distance Travelled

2,927,690 miles

## Trips per Major Area

2,081,017 (70%) within DAPCZ

395,048 (13%) within UT/West Campus



## Events

### Austin City Limits Festival

Weekend One: 59,175 trips

Weekend Two: 62,881 trips

### SXSW

142,540 trips

16,556 median trips per day (7,315 typically)



# Quick Background

## Regulation

### Texas Transportation Code, Title 7

- Chapter 551. - Operation of bicycles and mopeds, golf carts, and other low-powered vehicles.

### Title 14 Use of Streets and Public Property

- § 14-9-23 - City-wide dockless transportation license authorized.
- § 14-9-24 - City-wide dockless transportation unit placement plan.
- § 14-9-25 - License amendment, suspension, or revocation.

### Title 12 Traffic Enforcement

- § 12-2 - Micro-Mobility Devices and Bicycles.

### Director Rules for Deployment and Operation of Shared Small Vehicle Mobility Systems

## City Approved Fees

Fee Type	Fee Schedule	Collection
License Fee	\$1,500 per year	Collected bi-annually in December & June
Per Device Permit Fee	\$80 per device/ per year	Collected bi-annually in December & June
Per Trip Fee	\$0.15 per trip	Collected Monthly

# Operational Policies/Data Collection

Data from provider  
API utilizing Mobility  
Data Specification

Data aggregated by  
Ride Report

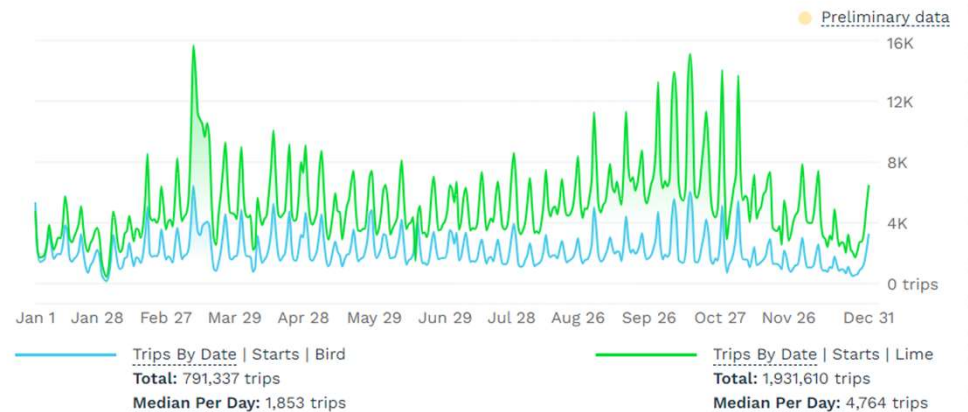
Real-time  
visibility and  
reporting

## How TPW Monitors/ Enforcement

- Third-party data management
- Geofencing/device performance restrictions
- Calls/Customer Service Requests (CSR)
- CSR response audits
- Staff device audits
- Shared communications channel during special events

## Results of Enforcement of Director Rules

- Impounds
- Reduction in Service
- Denial of license and/or device permits



# Recent Program Updates

## License & Permit Changes

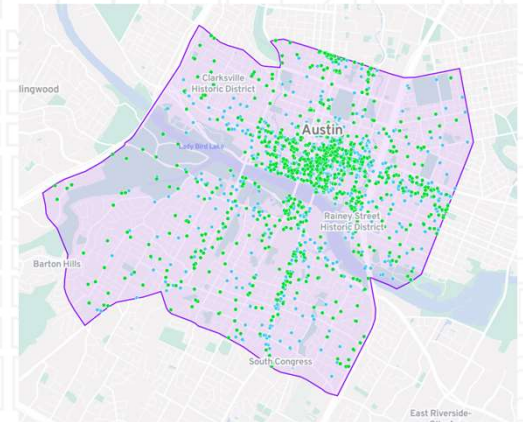
- **Maintain the number of licensed micro-mobility vendors at 2.** **ACTIVE**
- **No increases to device permits for current licensed operators.** **ACTIVE**
- **Maintain the total number of permitted scooters citywide at 6,700.** **ACTIVE**

# Recent Program Updates

## Operations Changes

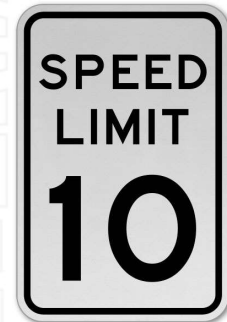
- Reduce the number of scooters allowed to operate in the Downtown Area Project Coordination Zone (DAPCZ) to 1,125 per licensed vendor.
- Reduce maximum speed from 15mph to 10mph between 10pm and 5am daily in the main entertainment districts of the urban core.
- Assign restricted and designated device staging areas and require rebalancing of devices to assigned areas each morning.

ACTIVE



IN PROGRESS

IN PROGRESS



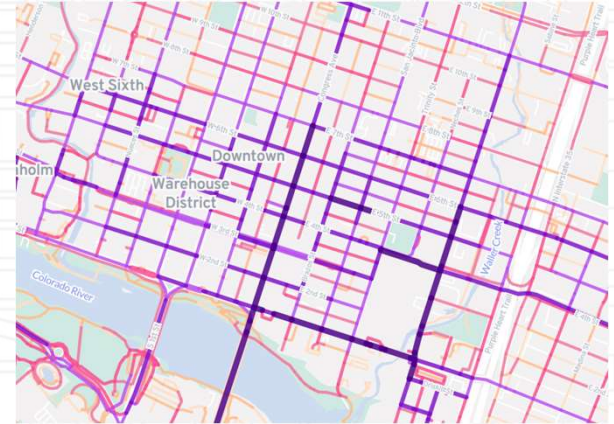


# Maximum Speed Reduction

***Reduce the maximum speed limit from 15mph to 10mph between the hours of 10pm and 5am within the downtown entertainment districts in an effort to limit serious injuries.***

- Analyze trip data, in conjunction with Vision Zero collision data to understand areas where slow zones would be beneficial.
- Work with vendors to understand how geofenced slow zones will be activated and how they can be adjusted.
- Once areas for deployment are determined, operators will be notified and required to create geofencing to ensure new speed limits are met.

## Heatmaps



## Vision Zero Data



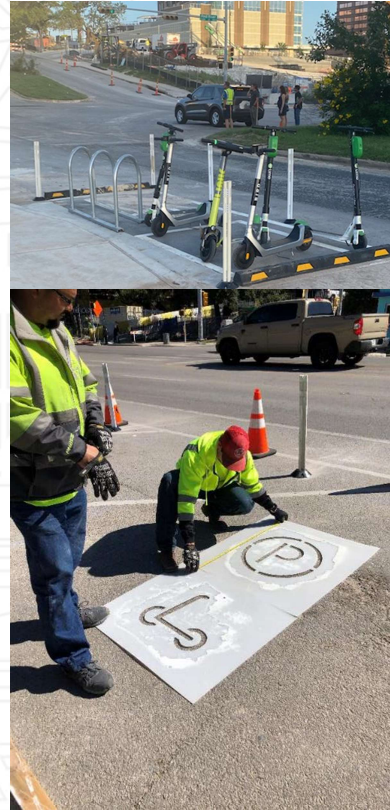


# Designated Staging/ Parking Areas

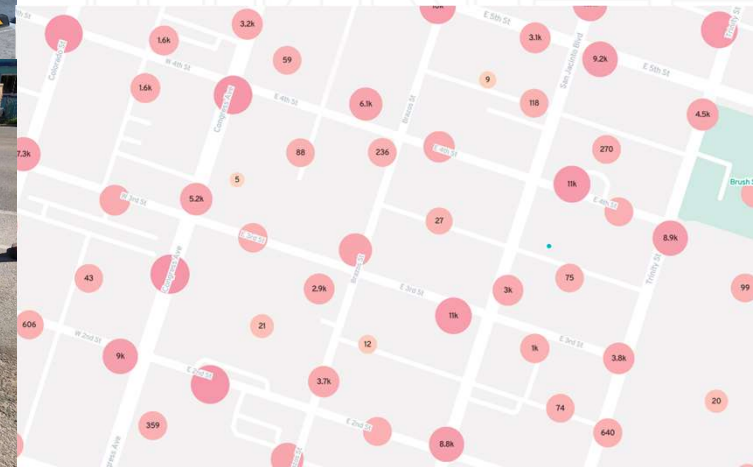
***Reduce clutter and sidewalk obstructions by creating designated parking and staging areas for scooter users and operators.***

- Survey to be released seeking stakeholder feedback May 13<sup>th</sup>
- Utilizing Ride Report data on Curb Events (trip starts/ends).
- Parking Boxes will be on-street that include a combination of pavement markings, delineators and inverted-U racks.
- Vendor will be instructed to rebalance devices to these boxes and when possible, use GPS force-parking technology to direct users to end trips within them.

## Existing Parking Box



## Curb Events



# Next Steps

## May 2024

- Collect feedback from the public & stakeholders on parking box placement.
- Start installing parking boxes at known hotspot locations.

## June/July 2024

- Setup and test slow zones in downtown during the evenings.

## Over the Next 6-Months

- Staff working on timeline for update to Director Rules
- Review and evaluate program updates



# Any Questions?

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