DOCKLESS MOBILITY PROGRAM UPDATE

Mobility Committee of Council
December 6, 2018
BRIEFING TOPICS

1. Overall Program Status Update
2. Public Health & Safety
3. Enforcement & Safety Actions
4. Timeline
   1. Final Rules Adopted
   2. Safe Riding Ordinance
   3. Dockless Mobility Ordinance Refresh
5. Discussion & Questions
Licensed operators are able to serve the entire City of Austin jurisdiction, but are assumed to focus their initial 500-unit fleet mainly within the Downtown Austin Project Coordination Zone (DAPCZ). 65 square miles includes the DAPCZ plus any additional areas as defined in supplemental licenses.
Epidemiology

• Austin Public Health (APH) and the Austin Transportation Department (ATD) are partnering to bring in three (3) Epidemiologists from the Center for Disease Control (CDC) to conduct an epidemiological study

• Study will focus on incidents over a 60 day period, from 9/5/18 - 11/4/18

• Start next week with interviews

• 1st CDC Epidemiology Study on Dockless Scooters in the US

• Study will focus on 37 EMS calls and 68 scooter injuries reported through syndromic surveillance conducted at area hospitals
## SAFETY DATA

### ALL Crashes
(SEP. 29, 2018 – Oct. 31, 2018)

<table>
<thead>
<tr>
<th></th>
<th>Fatal</th>
<th>Injury</th>
<th>Property Damage Only</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor Vehicle</td>
<td>4</td>
<td>592</td>
<td>808</td>
<td>1,404</td>
</tr>
<tr>
<td>Motorcycle</td>
<td>0</td>
<td>22</td>
<td>7</td>
<td>29</td>
</tr>
<tr>
<td>Pedestrian</td>
<td>1</td>
<td>44</td>
<td>4</td>
<td>49</td>
</tr>
<tr>
<td>Bicycle</td>
<td>0</td>
<td>32</td>
<td>3</td>
<td>35</td>
</tr>
<tr>
<td>Scooter*</td>
<td>0</td>
<td>9*</td>
<td>5**</td>
<td>14</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>5</td>
<td>696</td>
<td>827</td>
<td>1,528</td>
</tr>
</tbody>
</table>

**Notes:**
- Data extraction date: 11/7/2018
- The statistics are preliminary and subject to change. (2018 crash records will be validated in 2019)
- Unless otherwise indicated, Data Source: Crash Record Information System (CRIS) by TxDOT
- *Scooter injury data source: Austin Emergency Medical Services; analyzed by Austin Public Health
- **Scooter property-damage data from monthly collision reports from licensed operators.
Compliance Dashboard

Shows locations and total number of units by zone, e.g. Downtown Project Coordination Zone (DAPCZ) updated real-time

<table>
<thead>
<tr>
<th>Vendor</th>
<th>Current #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bird</td>
<td>2352</td>
</tr>
<tr>
<td>Jump</td>
<td>270</td>
</tr>
<tr>
<td>Lime</td>
<td>1299</td>
</tr>
<tr>
<td>Lyft</td>
<td>0</td>
</tr>
<tr>
<td>Pace</td>
<td>1</td>
</tr>
<tr>
<td>Spin</td>
<td>8</td>
</tr>
<tr>
<td>VeoRide</td>
<td>345</td>
</tr>
<tr>
<td>Total</td>
<td>4275</td>
</tr>
</tbody>
</table>
• Lime: 20% Fleet reduction penalty ordered due to failure/inability to adhere to Austin Dockless Ordinance/Rules, effective November 27th

• Pace: Removal & impoundment of remaining vendor on-street inventory due to market exit

• Other enforcement: Coordination with all vendors regarding parking at Capital Metro bus stops and facilities

• Coordinating activities in preparation for SXSW
## Dockless Mobility Ridership Numbers: October 2018

<table>
<thead>
<tr>
<th>Device Type</th>
<th>Total number of trips</th>
<th>Total distance ridden (miles)</th>
<th>Average trip time (minutes)</th>
<th>Average trip length (miles)</th>
<th>Total number of devices in service</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scooter</td>
<td>275,300</td>
<td>264,300</td>
<td>12</td>
<td>1.0</td>
<td>7,389</td>
</tr>
<tr>
<td>Bicycle</td>
<td>17,600</td>
<td>34,800</td>
<td>21</td>
<td>2.0</td>
<td>602</td>
</tr>
<tr>
<td>(All Types)</td>
<td>292,900</td>
<td>299,100</td>
<td>12.5</td>
<td>1.1</td>
<td>7,991</td>
</tr>
</tbody>
</table>

These statistics are preliminary and subject to change. Trip records must meet the following conditions to be included in report:

- Distance >= .1 miles
- Distance < 500 miles
- Duration > 0 minutes
- Duration < 1440 minutes

Due to incomplete reporting from one operator, bicycle statistics are estimated based on previous reports.

Data extraction date: 30 Nov 2018
• **November 10, 2018**
  New rules adopted, 30-day appeals process began

• **January 2019**
  Ongoing studies – Health, Liability

• **February 28, 2019**
  Mobility Committee
  • Dockless Mobility Ordinance refresh
  • Safe Riding Ordinance

• **March/April 2019**
  Council Meeting and possible action
• Aligning the business model and fee structure to offset infrastructure and other needs
• Investigating an Operating Authority Model to better manage total number of companies and maximum fleet sizes
• Liability & Discovery – methodology and tools to hold users and companies accountable, where appropriate
• ATD is analyzing data to develop a location-specific ordinance that would include safe and reasonable riding speeds and locations for all users

• ATD will propose Dismount Zones, and other safety requirements for ALL riders, regardless of modal type

• The outcomes of this work will be used to inform the development of a Safe Riding Ordinance

• Clear indications of what is considered a riding violation making it easier to enforce
THANK YOU

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