SDOT SODO parking study
This document details a June 15, 2017 parking occupancy and duration study in areas of SODO, mostly along and adjacent to 1st Ave between S Atlantic St. and S Horton St.

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Study Details:
- Data were collected on Thursday June 15th from 8 AM – 8 PM (includes 8 PM hour)
- Occupancy and duration data were collected once per hour
- Occupancy study covered 1,213 parking spaces on 67 blockfaces. Duration data was collected on 368 parking spaces on 22 blockfaces.
- To understand parking types (time limits, etc.), sign records were supplemented with field review and video

SDOT Study Areas and Parking Types – DRAFT, does not denote load zones or other special parking types
Summary Occupancy Results:

- Across all spaces, occupancy is high and parking is likely difficult to find on weekdays before 2:30 PM:

  **On-Street Parking Occupancy - All Spaces**

- Evaluating occupancy by parking type reveals that time limits in the area provide short term parking availability, while unrestricted parking is full until 3 PM. Blockfaces with both time limits and unrestricted parking on the same blockface were not included in the below figure.

  **On-Street Parking Occupancy - By Space Type**
Summary Duration Results:

- Even with lower occupancy, time limited spaces accommodate more unique vehicles parking than unrestricted spaces. Note that study methodology based on once per hour observations undercounts short parking stays.

<table>
<thead>
<tr>
<th>Parking type and spaces studied</th>
<th>Unrestricted, 206 spaces</th>
<th>Time Limit – 2 hours, 46 spaces</th>
<th>Time Limit – 1 hour, 80 spaces</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unique vehicles per space per day</td>
<td>1.7</td>
<td>4.3</td>
<td>2.9</td>
</tr>
<tr>
<td>Average duration (hours)</td>
<td>4.9</td>
<td>2.2</td>
<td>1.5</td>
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</table>
Free-floating carshare (FFCS) vehicles:

- FFCS vehicles, including car2go and ReachNow, represented a very low percentage of observed vehicles. They peaked at 11 AM with 19 car2go vehicles and 2 ReachNow vehicles, out of a total 1,093 vehicles parked in the study area.

- Only one blockface had more than 1 car2go vehicle parked at any time. This was the west side of 1st Ave S between Walker and Stacy, which has a 1-hour time limit. Details:
  - 7 of the 25 spaces were occupied by car2go vehicles for most hours between 11AM and 3 PM.
  - car2go vehicles parked on average for 5.5 hours
  - Three different vehicles with disabled permits also parked between 6-9 hours.

- Only one blockface had more than 1 ReachNow vehicle parked at any time. This was the west side of 1st Ave S between Stacy and Lander, which has a 2-hour time limit. Details:
  - 2 of the 25 spaces were occupied by ReachNow, with an additional 1 car2go vehicle parked between 8 AM and 10 AM.

Parking management options and potential next steps:

- Review if additional load zones are needed, particularly on 1st Ave S
- Where more short-term access is needed, add additional areas of time limited parking – especially in areas with curbs and sidewalks, including portions of 1st Ave S, Utah Ave S, S Stacy St, 4th Ave S, and S Lander St. Could aim to coordinate with launch of Metro Connections in neighborhood
- Review area for private signs restricting parking in the public right-of-way
SODO Parking Occupancy 9 AM - 10 AM

Legend

SODO Study
9-10 AM Occupancy
- < 55%
- 55% - 70%
- 50% - 85%
- > 85%

Parking Study completed on 6/15/17.
SODO Parking Occupancy 11 AM - 4 PM (peak 3 hours)

Legend

SODO Study
Occupancy 11AM - 4 PM

- < 55%
- 55% - 70%
- 70% - 85%
- > 85%

Parking Study completed on 6/15/17.