

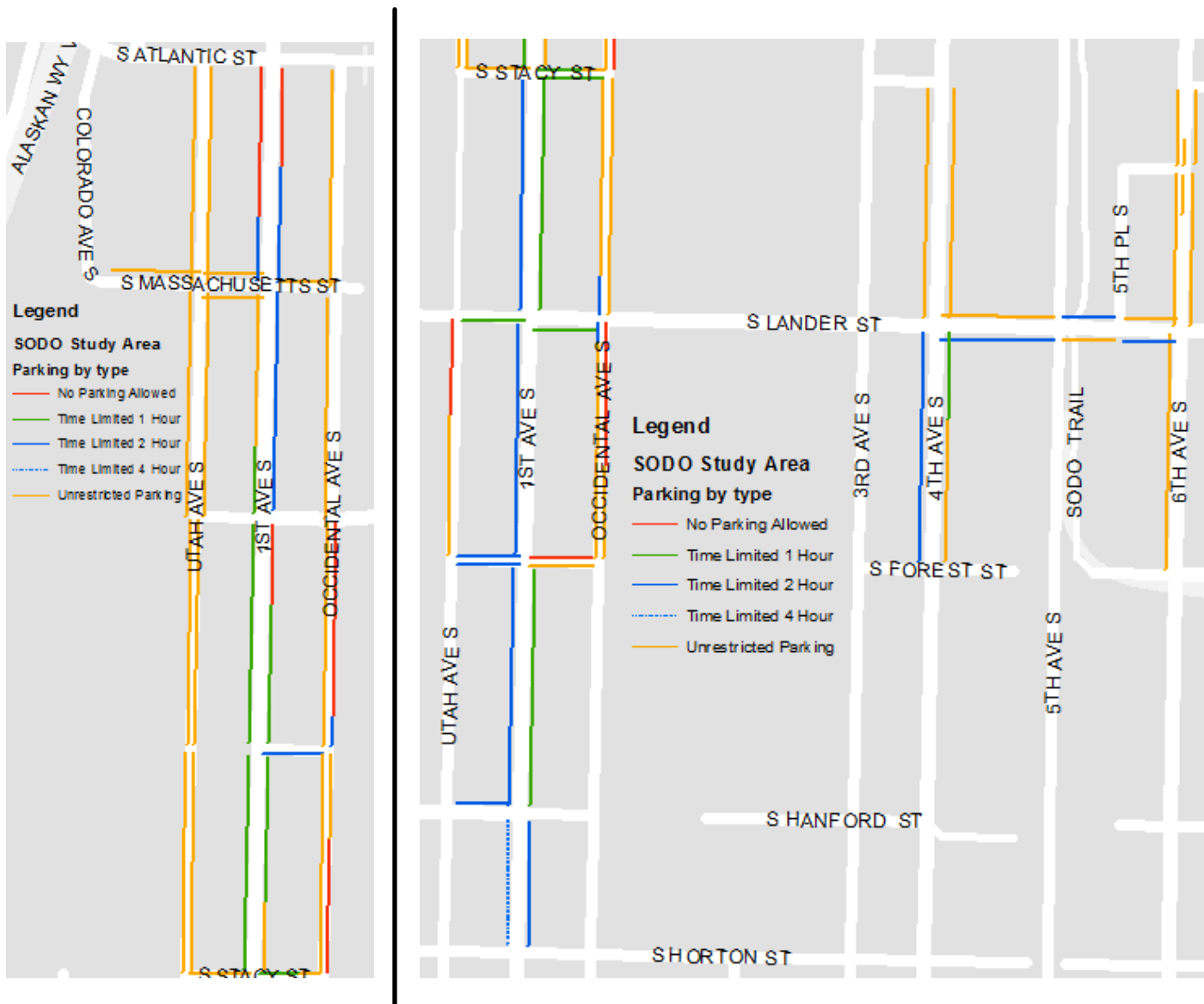
SDOT SODO parking study

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.

SDOT staff contact: Jonathan Williams, jonathan.williams@seattle.gov, 206-733-9026

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
-

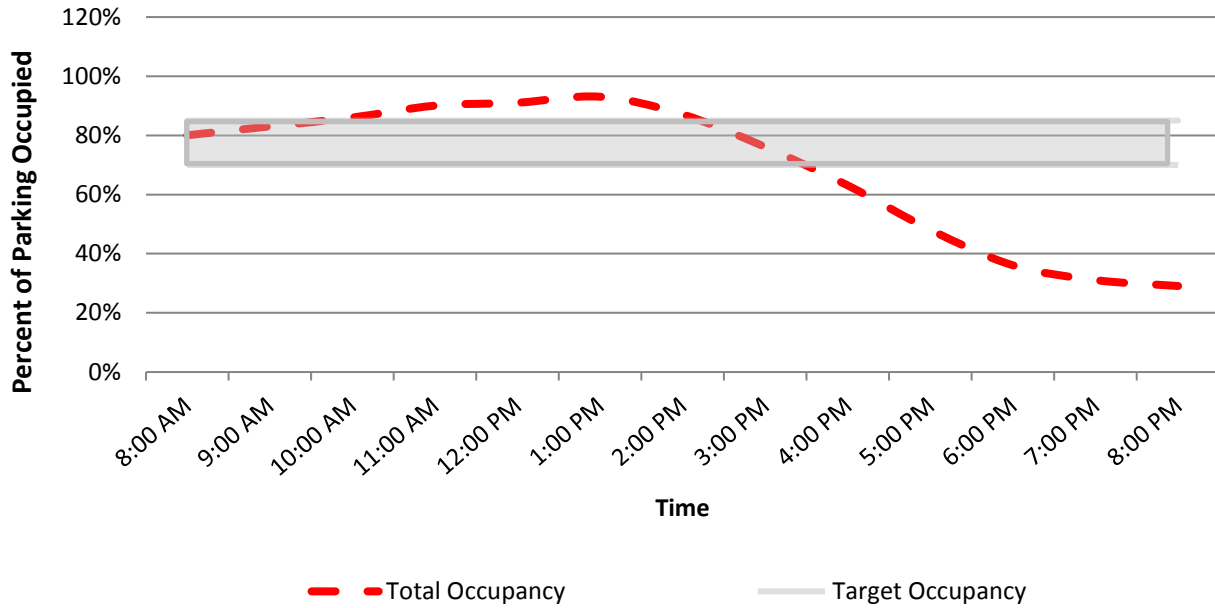


SDOT Study Areas and Parking Types – DRAFT, does not denote load zones or other special parking types

Summary Occupancy Results:

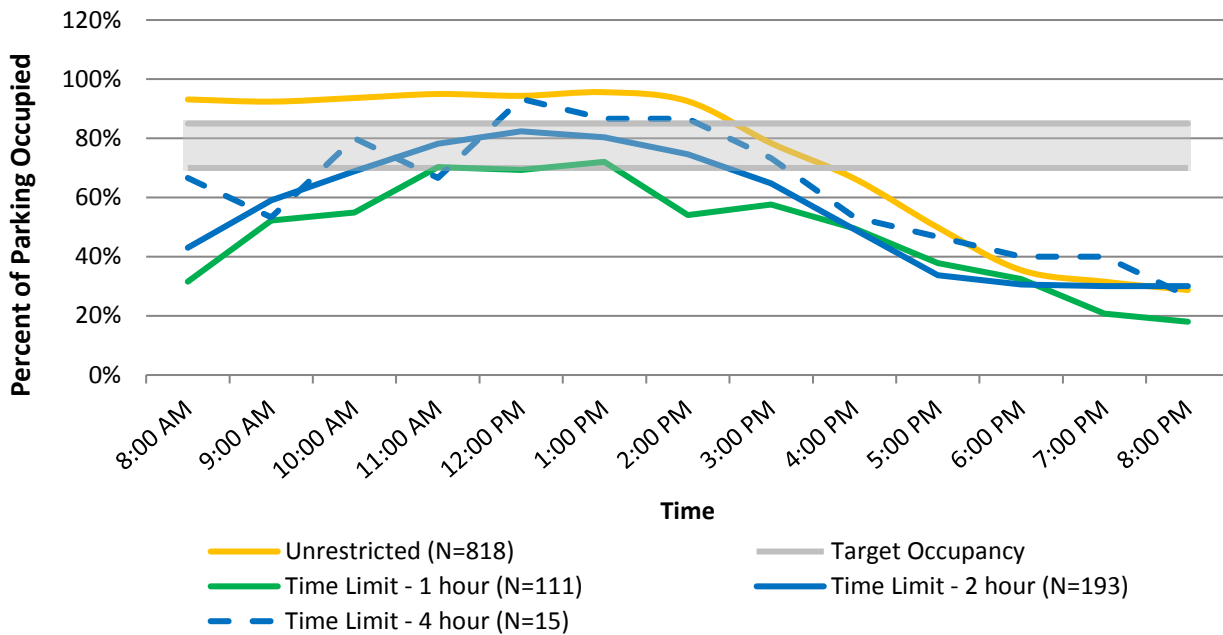
- Across all spaces, occupancy is high and parking is likely difficult to find on weekdays before 2:30 PM:

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.

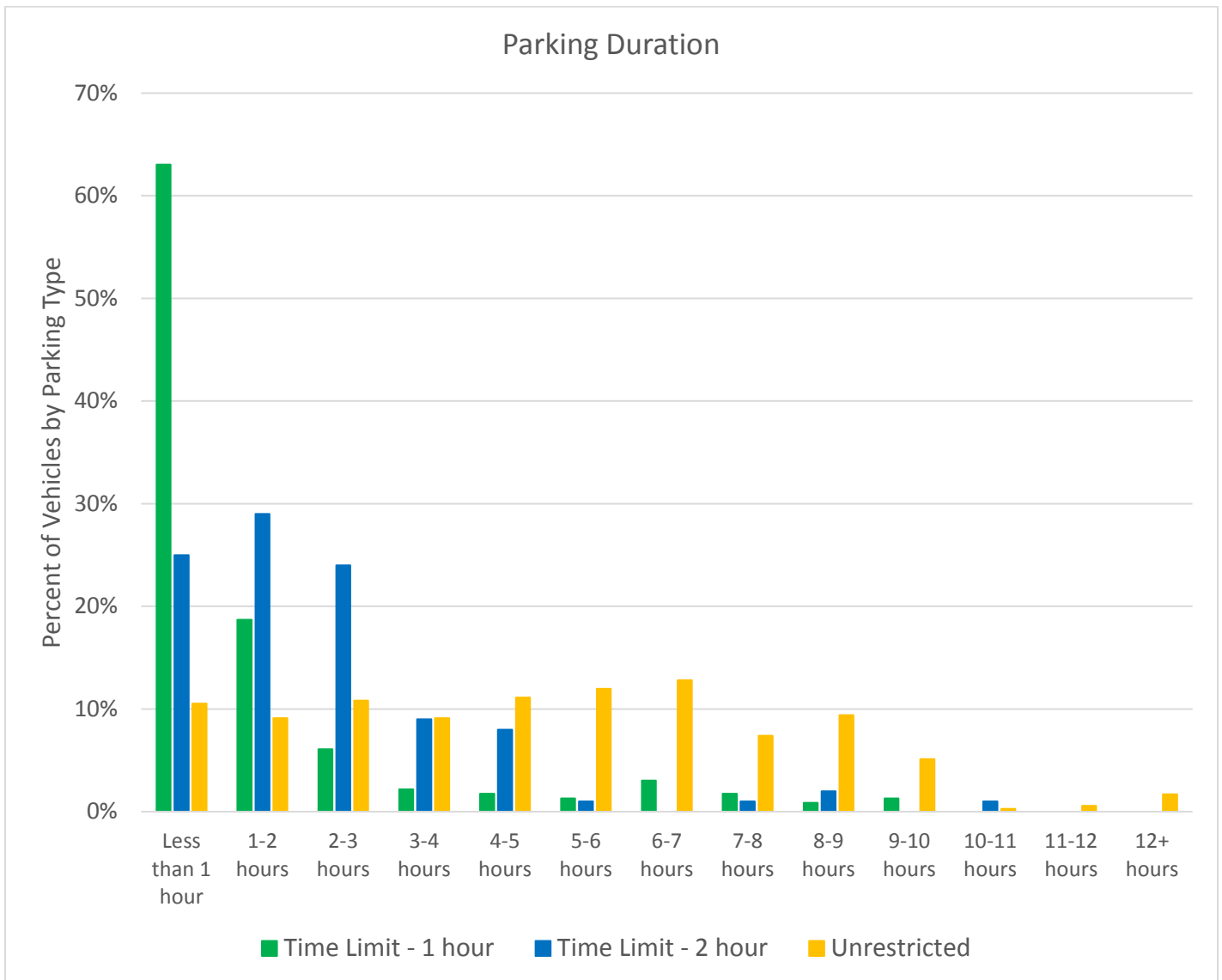
On-Street Parking Occupancy - By Space Type



Summary Duration Results:

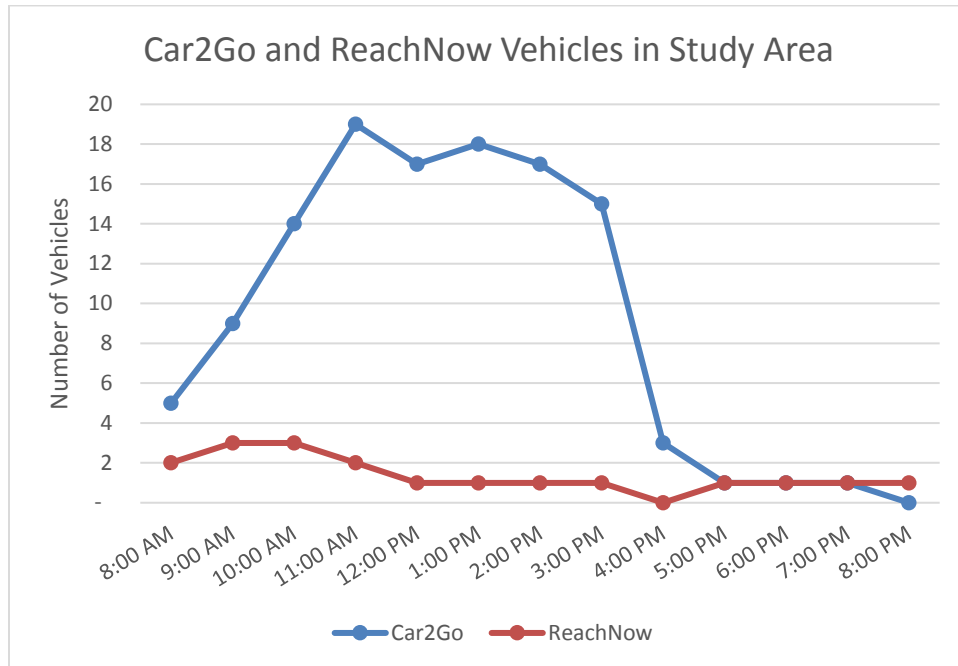
- Even with lower occupancy, time limited spaces accommodate more unique vehicles parking than unrestricted spaces. Note that study methodology based on once per hour observations undercounts short parking stays.

Parking type and spaces studied	Unrestricted, 206 spaces	Time Limit – 2 hours, 46 spaces	Time Limit – 1 hour, 80 spaces
Unique vehicles per space per day	1.7	4.3	2.9
Average duration (hours)	4.9	2.2	1.5



Free-floating carshare (FFCS) vehicles:

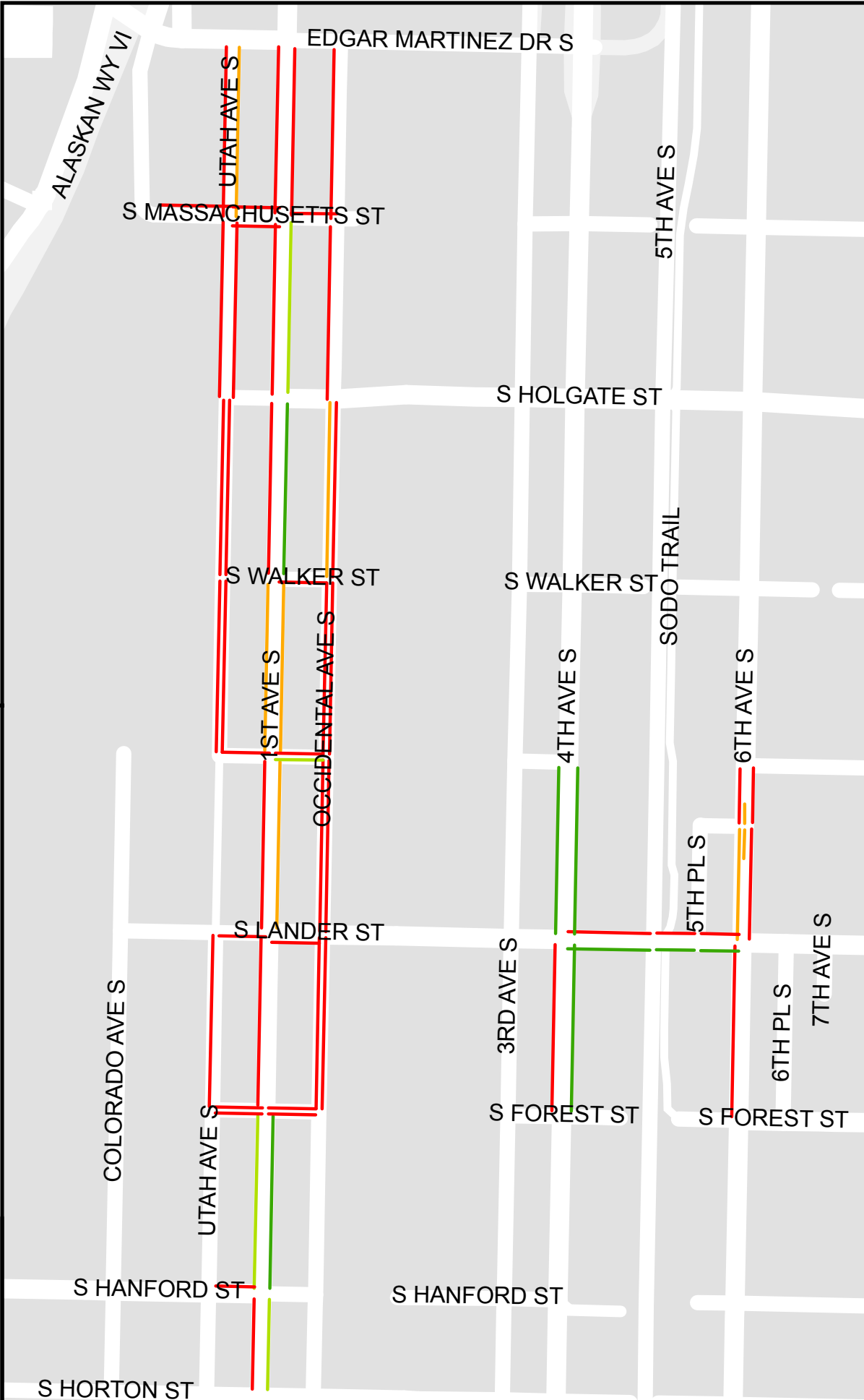
- FFCS vehicles, including car2go and ReachNow, represented a very low percentage of observed vehicles. They peaked at 11 AM with 19 car2go vehicles and 2 ReachNow vehicles, out of a total 1,093 vehicles parked in the study area.



- 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



Legend

SODO Study
Occupancy 11AM - 4 PM

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

Parking Study
 completed
 on 6/15/17.

0 0.035 0.07 0.105 0.14 Miles

©2017
 THE CITY OF SEATTLE
 All rights reserved.
 Produced by the Seattle
 Department of Transportation
 No warranties of any sort,
 including accuracy, fitness or
 merchantability, accompany
 this product.

Coordinate System:
 State Plane, NAD83-91,
 Washington, North Zone
 Orthophoto Source:
 Picometry 2007

PLOT DATE : 8/15/2017
 AUTHOR : J Williams
 SDOT CAPP SODO

SDOT
 Seattle Department of Transportation

SODO Parking Occupancy 11 AM - 4 PM (peak 3 hours)