SDOT’s Curbspace Access Sounding Board and Curbside Management in Seattle
Presentation overview

• Introductions
• Opening remarks from SDOT Director Sam Zimbabwe
• Overview of SDOT’s new Curbside Management Team
• 2019 Annual Paid Parking Study
• Potential agenda topics in 2020
SDOT’s (New) Curbside Management Team

“Parking Programs”... so very 2018. Now it’s Curbside Management.
Themes of our work

• Data-driven, performance-based
• Action, operations oriented
• Forward leaning
• Nimble
• Embrace new technologies
• Revenue generating
• Broad Municipal Code authority
• Consistent community engagement
Paid parking policy

2010 Seattle Municipal Code

Keep 1-2 on-street spaces per block open and available throughout the day to:

- Support business districts
- Maintain turnover
- Reduce congestion due to drivers circling
- Encourage walking, biking, transit, carpooling
How we implement the policy

- 30 paid areas, 2 or 3 rate periods

- Changes considered in all paid areas based on data collected and performance metric

- Data collection in spring

- Adjust rates and hours of operations - typically in fall
  - Rates range from $0.50 to $5.00 per hour
  - Time limits of 2 hours, 4 hours, or 10 hours
  - Paid parking from 8 AM to 6 PM/8 PM/10 PM
  - Rates are 8 AM – 11 AM; 11 AM – 5/6 PM; 5 PM – 8/10 PM
Using data to make rate changes decisions

1. COLLECT AND ANALYZE PARKING OCCUPANCY DATA

2. MONITOR CONDITIONS AND ADJUST RATES

Target Range

Rate decrease

Rate increase
What have we found recently?

2019 - All paid areas combined were between 70% - 85%

Average Occupancy

- **Morning**
  - 9am - 10am: 70% (2017), 72% (2018), 72% (2019)
  - Target: 83%

- **Afternoon**
  - 11am - 4pm: 83% (2017), 85% (2018), 84% (2019)
  - Target: 85%

- **Evening**
  - 6pm - 7pm: 75% (2017), 78% (2018), 76% (2019)
  - Target: 80%
Denny Triangle South - example

Rates vs Occupancy

- Morning 9am - 10am
- Afternoon 11am - 4pm
- Evening 6pm - 7pm

Occupancy Rate

- 2017
- 2018
- 2019
- Target
Business district street parking – open and available

Average occupancy over course of entire day between 70% - 85%, or less, in most business districts
Changes in paid spaces over time

Annual Average Total Paid Spaces

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Paid Spaces</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>12,211</td>
</tr>
<tr>
<td>2013</td>
<td>11,976</td>
</tr>
<tr>
<td>2014</td>
<td>11,418</td>
</tr>
<tr>
<td>2015</td>
<td>11,299</td>
</tr>
<tr>
<td>2016</td>
<td>11,315</td>
</tr>
<tr>
<td>2017</td>
<td>11,118</td>
</tr>
<tr>
<td>2018</td>
<td>11,280</td>
</tr>
<tr>
<td>2019</td>
<td>11,396</td>
</tr>
</tbody>
</table>
2019 Annual Paid Parking Study

• All business districts with paid parking studied
  • 1,700 blockfaces
• 12 - 14 hours of collection a day
  • Over 3,000 hours of study counts
• Tuesday, Wednesday or Thursday
• Eight weeks in Spring
Paid Area Time Periods – below, above target range

2019 Annual Paid Parking Study results
Rate changes

18
$1.31
(avg rate)

47
$2.37
(avg rate)

27
$3.56
(avg rate)

Average rate is the weighted average for these areas in each bucket – decrease rate, increase rate, and no change.
Rate changes scheduled for early 2020

<table>
<thead>
<tr>
<th>Area</th>
<th>Subarea</th>
<th>8 AM – 11 AM</th>
<th>11 AM – 5 PM or 6 PM [a]</th>
<th>5 PM – 8 PM / 10 PM</th>
</tr>
</thead>
<tbody>
<tr>
<td>12th Avenue</td>
<td></td>
<td>$0.50</td>
<td>$3.50</td>
<td>$3.50</td>
</tr>
<tr>
<td>Ballard</td>
<td>Core</td>
<td>$0.50</td>
<td>$2.00</td>
<td>$3.50</td>
</tr>
<tr>
<td>Ballard</td>
<td>Edge</td>
<td>$0.50</td>
<td>$1.00</td>
<td>$1.50</td>
</tr>
<tr>
<td>Ballard Locks</td>
<td>Winter</td>
<td>$0.50</td>
<td>$0.50</td>
<td>-</td>
</tr>
<tr>
<td>Ballard Locks</td>
<td>Summer</td>
<td>$1.00</td>
<td>$1.50</td>
<td>$1.50</td>
</tr>
<tr>
<td>Belltown</td>
<td>North</td>
<td>$1.00</td>
<td>$2.00</td>
<td>$1.00</td>
</tr>
<tr>
<td>Belltown</td>
<td>South</td>
<td>$2.50</td>
<td>$3.50</td>
<td>$2.50</td>
</tr>
<tr>
<td>Capitol Hill</td>
<td>North</td>
<td>$1.00</td>
<td>$3.00</td>
<td>$4.00</td>
</tr>
<tr>
<td>Capitol Hill</td>
<td>South</td>
<td>$1.50</td>
<td>$2.50</td>
<td>$4.00</td>
</tr>
<tr>
<td>Cherry Hill</td>
<td></td>
<td>$3.50</td>
<td>$3.50</td>
<td>$0.50</td>
</tr>
<tr>
<td>Chinatown/ID</td>
<td>Core</td>
<td>$1.00</td>
<td>$5.00</td>
<td>$3.50</td>
</tr>
<tr>
<td>Chinatown/ID</td>
<td>Edge</td>
<td>$0.50</td>
<td>$2.50</td>
<td>$2.00</td>
</tr>
<tr>
<td>Columbia City</td>
<td></td>
<td>$0.50</td>
<td>$1.00</td>
<td>$2.00</td>
</tr>
<tr>
<td>Commercial Core</td>
<td>Financial</td>
<td>$4.00</td>
<td>$5.00</td>
<td>$2.00</td>
</tr>
<tr>
<td>Commercial Core</td>
<td>Retail</td>
<td>$3.50</td>
<td>$4.00</td>
<td>$3.00</td>
</tr>
<tr>
<td>Commercial Core</td>
<td>Waterfront</td>
<td>$3.00</td>
<td>$5.00</td>
<td>$4.00</td>
</tr>
<tr>
<td>Denny Triangle</td>
<td>North</td>
<td>$1.50</td>
<td>$2.50</td>
<td>-</td>
</tr>
</tbody>
</table>

Legend
- Rates are increasing by $0.50
- Rates are decreasing by $0.50
## Outreach and installation schedule

<table>
<thead>
<tr>
<th>Activity</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outreach and education about rate changes</td>
<td>December – February</td>
</tr>
<tr>
<td>Rate changes</td>
<td>Late January</td>
</tr>
<tr>
<td>2020 Annual Study</td>
<td>March – May</td>
</tr>
</tbody>
</table>
Annual report design improvements

12th Avenue

Parking occupancy on 12th Avenue (between E. Madison St. and E. Jefferson St.) is within the target range for much of the day, with a peak around noon and a rise in the evening. The hourly rate is $1.50 and did not change during the course of these studies. SDOT does not plan to change the rate in 2012. Demand shows strong parking peaks around lunchtime and in the evening.

12th Avenue Parking Study Results

- Target Occupancy - 65%-83%
- November 2010: $1.50
- April 2011: $2.00
- June 2011: $2.00
- October 2011: $2.00

2012 2019

Average Occupancy

Occupancy by Hour

Rate vs Occupancy

2019 Action Plan

- Morning: 8am - 11am; Decrease rate to $0.50
- Afternoon: 2pm - 6pm; Increase rate to $1.25
- Evening: 5pm - 8pm; Increase rate to $1.50
Next steps

- Any specific follow-up, commitments from today’s meeting
- Schedule Spring 2020 Sounding Board meeting
- Poll Sounding Board members on potential agenda topics
Potential 2020 Sounding Board Agenda items

Examples:

• Comprehensive 2020 work in Uptown on access and mobility improvements

• Managing exploding growth for urban goods delivery with updated tools

• Emerging mobility at the curb: Uber/Lyft, car share, employer shuttles, scooters/bikes, food trucks

• Capital, corridor and mobility projects (e.g., bike and transit lanes) and how to maintain loading access for commerce and people

• Disabled parking: improving access while discouraging abuse

• Others?
BACK POCKET SLIDES
Capitol Hill North

Average Occupancy

<table>
<thead>
<tr>
<th>Time</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morning</td>
<td>36%</td>
<td>45%</td>
<td>54%</td>
<td></td>
</tr>
<tr>
<td>9am - 10am</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Afternoon</td>
<td>71%</td>
<td>72%</td>
<td>69%</td>
<td></td>
</tr>
<tr>
<td>11am - 4pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Evening</td>
<td>83%</td>
<td>86%</td>
<td></td>
<td>92%</td>
</tr>
<tr>
<td>6pm - 7pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

City of Seattle

December 12, 2019   Department of Transportation   22
Capitol Hill South

Average Occupancy

<table>
<thead>
<tr>
<th>Time Period</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morning 9am-10am</td>
<td>64%</td>
<td>67%</td>
<td>73%</td>
<td></td>
</tr>
<tr>
<td>Afternoon 11am-4pm</td>
<td>70%</td>
<td>68%</td>
<td>78%</td>
<td></td>
</tr>
<tr>
<td>Evening 6pm-7pm</td>
<td>84%</td>
<td></td>
<td>86%</td>
<td>93%</td>
</tr>
</tbody>
</table>
Columbia City

Average Occupancy

- **Morning**
  - 9am - 10am: 55% (2017), 76% (2019), Target: 89%

- **Afternoon**
  - 11am - 4pm: 75% (2018), 93% (2019), Target: 91%

- **Evening**
  - 6pm - 7pm: 91% (2019), Target: 93%
Commercial Core Financial

Average Occupancy

- **Morning** (9am - 10am)
  - 2017: 81%
  - 2018: 85%
  - 2019: 81%
  - Target: 80%

- **Afternoon** (11am - 4pm)
  - 2017: 88%
  - 2018: 91%
  - 2019: 92%

- **Evening** (6pm - 7pm)
  - 2017: 51%
  - 2018: 63%
  - 2019: 52%

City of Seattle
Commercial Core Retail

Average Occupancy

- **Morning**
  - 9am - 10am
  - 2017: 72%
  - 2018: 69%
  - 2019: 71%
  - Target: 90%

- **Afternoon**
  - 11am - 4pm
  - 2017: 85%
  - 2018: 83%
  - 2019: 80%
  - Target: 90%

- **Evening**
  - 6pm - 7pm
  - 2017: 69%
  - 2018: 68%
  - 2019: 59%
  - Target: 85%
Commercial Core Waterfront

Average Occupancy

- **Morning** (9am - 10am):
  - 2017: 56%
  - 2018: 58%
  - 2019: 71%
  - Target: 90%

- **Afternoon** (11am - 4pm):
  - 2017: 72%
  - 2018: 79%
  - 2019: 84%
  - Target: 95%

- **Evening** (6pm - 7pm):
  - 2017: 56%
  - 2018: 58%
  - 2019: 71%
  - Target: 90%
Denny Triangle North

Average Occupancy

<table>
<thead>
<tr>
<th>Time</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morning</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9am - 10am</td>
<td>84%</td>
<td>88%</td>
<td>79%</td>
<td></td>
</tr>
<tr>
<td>Afternoon</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11am - 4pm</td>
<td>77%</td>
<td>86%</td>
<td>90%</td>
<td>96%</td>
</tr>
<tr>
<td>Evening</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6pm - 7pm</td>
<td>76%</td>
<td>82%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Denny Triangle South

Average Occupancy

<table>
<thead>
<tr>
<th>Time</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morning</td>
<td>73%</td>
<td>81%</td>
<td>70%</td>
<td>95%</td>
</tr>
<tr>
<td>9am - 10am</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Afternoon</td>
<td>78%</td>
<td>77%</td>
<td>90%</td>
<td>95%</td>
</tr>
<tr>
<td>11am - 4pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Evening</td>
<td>76%</td>
<td></td>
<td></td>
<td>81%</td>
</tr>
<tr>
<td>6pm - 7pm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

City of Seattle
Fremont

Average Occupancy

<table>
<thead>
<tr>
<th>Time Period</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morning 9am - 10am</td>
<td>34%</td>
<td>43%</td>
<td>69%</td>
<td></td>
</tr>
<tr>
<td>Afternoon 11am - 4pm</td>
<td>64%</td>
<td>76%</td>
<td>87%</td>
<td>94%</td>
</tr>
<tr>
<td>Evening 6pm - 7pm</td>
<td>64%</td>
<td>88%</td>
<td>92%</td>
<td></td>
</tr>
</tbody>
</table>
Pike-Pine

Average Occupancy

- **Morning**
  - 9am - 10am:
    - 2017: 60%
    - 2018: 62%
    - 2019: 58%
  - Target: 60%

- **Afternoon**
  - 11am - 4pm:
    - 2017: 79%
    - 2018: 82%
    - 2019: 76%
  - Target: 80%

- **Evening**
  - 6pm - 7pm:
    - 2017: 98%
    - 2018: 99%
    - 2019: 91%
  - Target: 100%
Pioneer Square Core

Average Occupancy

- **Morning (9am - 10am)**
  - 2017: 63%
  - 2018: 85%
  - 2019: 82%
  - Target: 97%

- **Afternoon (11am - 4pm)**
  - 2017: 63%
  - 2018: 86%
  - 2019: 82%
  - Target: 97%

- **Evening (6pm - 7pm)**
  - 2017: 73%
  - 2018: 83%
  - 2019: 82%
  - Target: 97%
Pioneer Square Edge

Average Occupancy

- **Morning** (9am - 10am):
  - 2017: 74%
  - 2018: 83%
  - 2019: 77%
  - Target: 82%

- **Afternoon** (11am - 4pm):
  - 2017: 81%
  - 2018: 85%
  - 2019: 95%
  - Target: 85%

- **Evening** (6pm - 7pm):
  - 2017: 74%
  - 2018: 77%
  - 2019: 74%
  - Target: 80%
Ballard Core

Average Occupancy

- **Morning** (9am - 10am):
  - 2017: 44%
  - 2018: 45%
  - 2019: 40%

- **Afternoon** (11am - 4pm):
  - 2017: 78%
  - 2018: 72%
  - 2019: 74%

- **Evening** (6pm - 7pm):
  - 2017: 98%
  - 2018: 87%
  - 2019: 94%
Ballard Edge

Average Occupancy

- **Morning (9am - 10am)**
  - 2017: 59%
  - 2018: 68%
  - 2019: 63%
  - Target: 83%

- **Afternoon (11am - 4pm)**
  - 2017: 72%
  - 2018: 77%
  - 2019: 83%
  - Target: 89%

- **Evening (6pm - 7pm)**
  - 2017: 78%
  - 2018: 86%
  - 2019: 89%
  - Target: 89%