On-Street Utilization Data Review

DPW Commission

11/15/17
Fall of 2014 – last major parking policy change:

- 300+ New Smart Meters in “Downtown Core”
- $1.50/Hr.
- No time limits
- Extended enforcement to 10pm

Goal:
- Open up parking spaces
- Ensure turnover in prime parking spots downtown
- 85% utilization as benchmark
Data-Driven Approach

- **DPTM Plan** recommends 85% occupancy as goal

- **Collect data on-street**
  - Second Thursday of Month
    - 8am, 12-1pm, 6-7:30pm, 8-9pm
  - Second Saturday of Month
    - 8am, 12-1pm, 7-7:30pm, 8-9pm
  - Second Sunday of Month
    - 1pm & 5pm

- **Months data was collected:**
  - February-September 2016
  - June-September 2017
Saturday, 8am – DPTM Study Area, Excluding Core

Saturday, 8am: DPTM Study Area, Excluding Core

Utilization %

<table>
<thead>
<tr>
<th>Time</th>
<th>Utilization %</th>
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<tbody>
<tr>
<td>March, 2016</td>
<td>25.00%</td>
</tr>
<tr>
<td>April, 2016</td>
<td>25.00%</td>
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<tr>
<td>May, 2016</td>
<td>30.00%</td>
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<tr>
<td>June, 2016</td>
<td>25.00%</td>
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<tr>
<td>July, 2016</td>
<td>50.00%</td>
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<tr>
<td>June, 2017</td>
<td>30.00%</td>
</tr>
<tr>
<td>July, 2017</td>
<td>10.00%</td>
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</tbody>
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Thursday, 12-1pm: On-Street Utilization

Utilization %

|---------------------|-------------|-------------|-----------|------------|------------|---------------|-------------------|-------------|-------------|
Saturday, 7-7:30pm – Downtown Core

Saturday Evening, 7-7:30pm: On-Street Utilization
New Parking Transactions - Daily Averages: September, 2017

*DATA NOTE: Data extracted from IPS (Smart Meter Software)*
New Parking Transactions in Downtown Core: 8-9pm

*DATA NOTE: Data extracted from IPS (Smart Meter Software)*
What We Learned

- On-street parking use low at 8am
  - Inside and outside downtown core (~37%)
- Short-term meter use low (~58%)
- On-street parking use high through early evening (~86%)
- Drop-off in new parking transactions after 9pm*:
  - Thursday (8/10/17): 69.21% drop-off
  - Saturday (8/12/17): 72.26% drop-off
  - Saturday (9/9/17): 79.77% drop-off
  - Thursday (9/14/17): 85.01% drop-off

*From IPS, compared to average # of new transactions from 6-9pm on same date
Recommendations

- Delay morning on-street enforcement until 9am in all of Burlington (including Main & Winooski Lot)
- Reduce on-street enforcement to 9pm in Downtown Core (including Main & Winooski Lot)
- Convert all 15-minute meters to 30-minute meters in Downtown Core