

Downtown Parking Study *SAC Meeting #2*



SEPTEMBER 19, 2017

Agenda



1. Introductions
2. Update project status
3. Review initial data findings
4. Next Steps

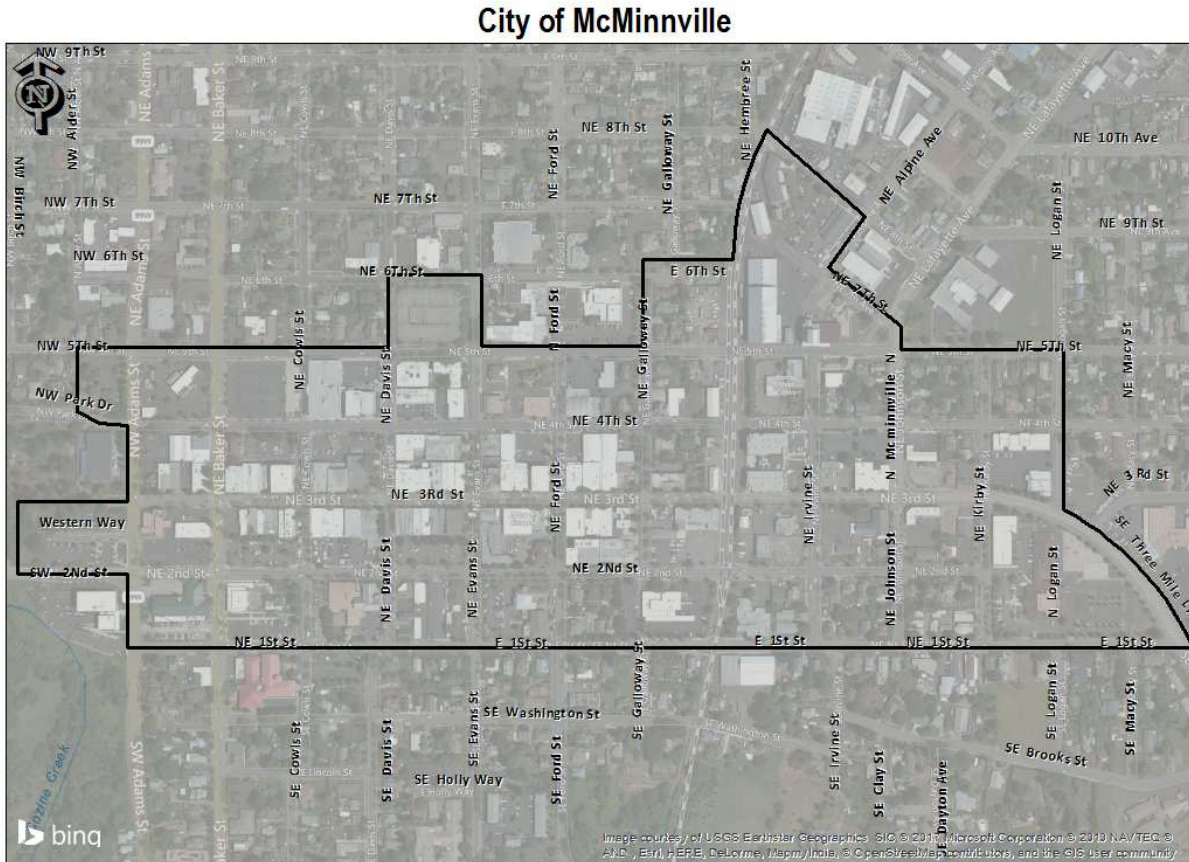
Project Status




- Completed - 100% inventory of on- and off-street supply.
- Completed - 10 hour data collection (Thursday, June 8)
- Completed - 10 hour data collection (Saturday, August 5)
- Compiling - full data summary (est. September 30, 2017)
- Review full data report and initial strategies with SAC (October)
- Draft Report and Strategies Recommendations (Oct/Nov)
- Final Report (Nov/December)

Study Area Boundary

Data Collection (June 6 & August 8, 2017)



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 Parking Study Area

0 87.5175 350 525 700 Feet

- 5th Street and extensions (north)
- 1st Street (south)
- NW Adams/Birch/Alder (West)
- Logan/Three Mile Lane (east)

BACKGROUND



Survey Days

- Thursday, June 6 (school in session)
- Saturday, August 5 (“typical summer day”)
- Hourly turnover (on-street), hourly occupancy (off-street)

Supply

- 2,845 TOTAL STALLS
- 798 on-street stalls (28%)
- 2,047 off-street stalls (72%)
- 75 off-street sites

Surveyed

- 2,464 TOTAL Stalls (87%)
- All on-street stalls (798 / 100%)
- 1,666 off-street stalls (81%) on 42 sites (56%)
- All City owned off-street sites

Inventory (On-street Supply)



| Stalls by Type | # of Stalls | % of Total |
|-------------------------|-------------|------------|
| 10 Minutes (Signed) | 1 | < 1% |
| 15 Minutes (Signed) | 1 | < 1% |
| 2 Hours (Signed) | 282 | 35.3% |
| ADA accessible (Signed) | 21 | 2.6% |
| No Limit | 493 | 61.8% |
| <i>On-Street Supply</i> | 798 | 100% |

- 35% of stalls are designated for short-term stays (2 Hours – signed)
- 62% of stalls allow unlimited time stays – No Limit.
 - *This is unusually high for “destination downtown.”*

Inventory (Off-street Supply)



| Stalls by Type | # of Stalls | % of Total |
|---|-----------------------------------|--|
| Off-Street Supply | 2,047 <i>(75 sites)</i> | 100% |
| <i>Off-Street Supply Surveyed</i> | <i>1,666</i> <i>(42 sites)</i> | <i>81.4%</i> |
| <i>Off-Street 2 Hour Parking Supply</i> | <i>138</i> <i>(4 sites)</i> | <i>6.7%</i> <i>(of Off-Street Supply)</i> |

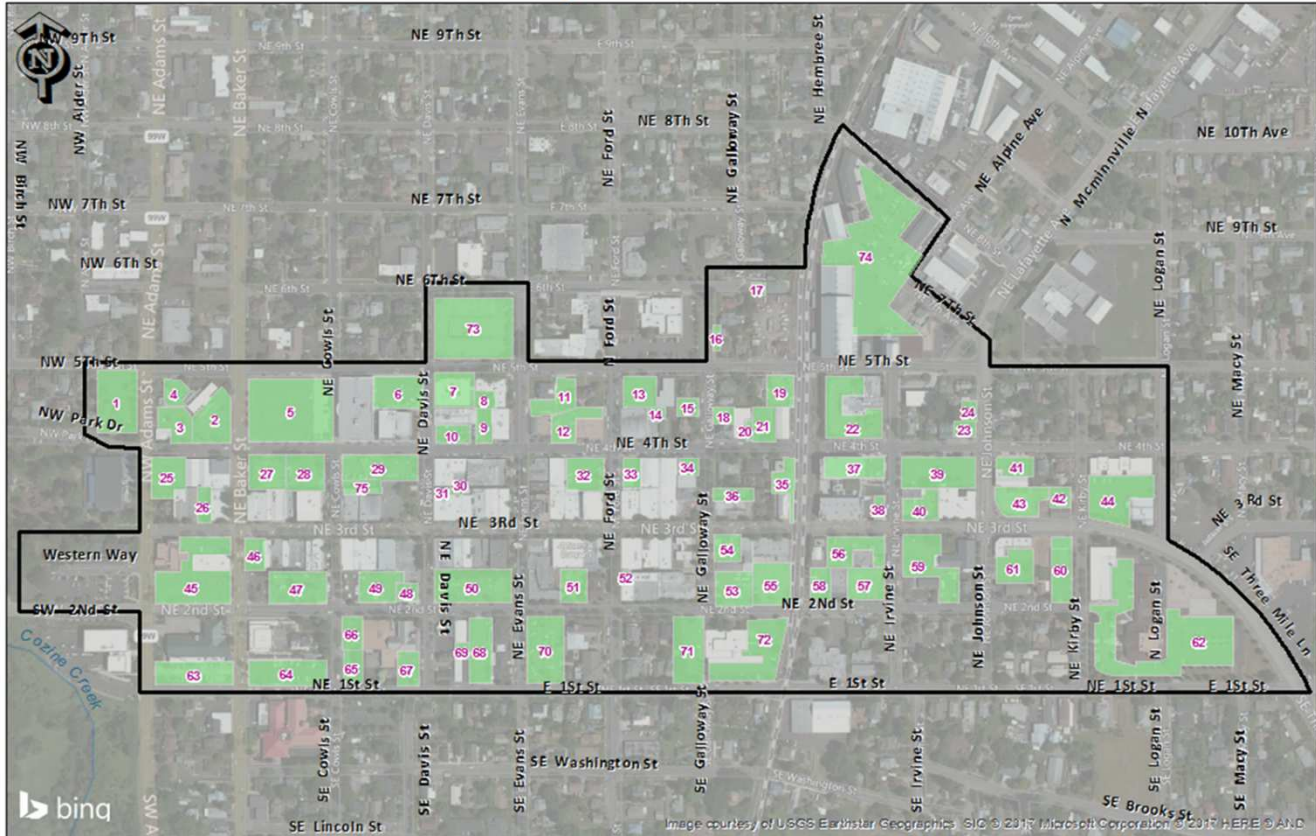
- There are 2,047 off-street parking spaces within the study area, located on 75 unique sites. The consultant sampled 1,666 stalls (81.4%) located on 42 sites on the study days.
- NOTE: The consultant also conducted utilization counts at 4 City owned off-street “2-hour parking” sites. These total 138 stalls.

Off-Street Parking Inventory



Location of all off-street sites



City of McMinnville

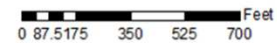


Downtown Parking Collection

-  Parking Study Area
-  Off-Street Parking Facilities
- XX - Lot Number Identification

June 8, 2017

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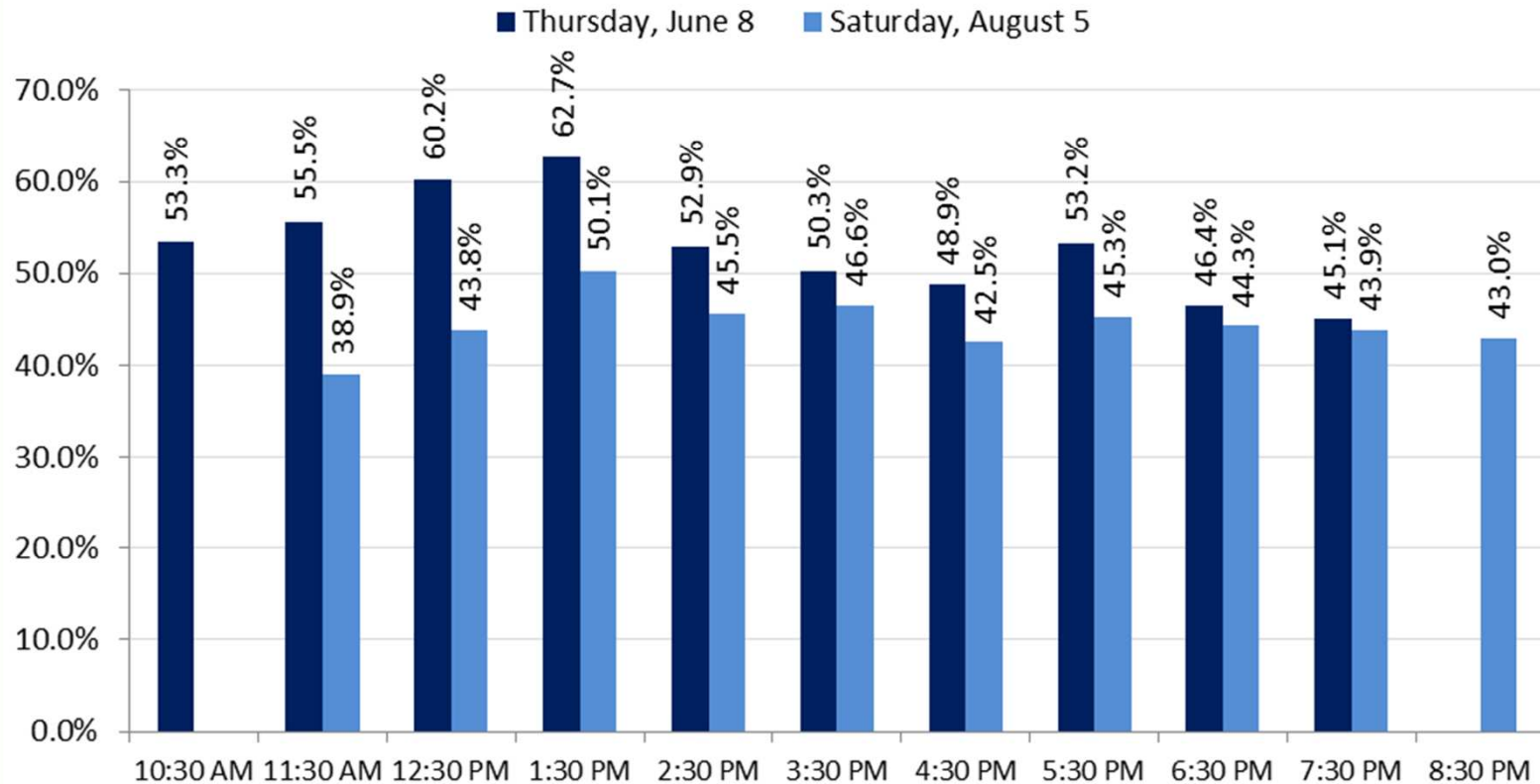
ON-STREET PERFORMANCE

Hourly Occupancies (on-street) Comparison (Thursday/Saturday)



2017 McMinnville Parking Utilization

Weekday vs weekend on-street occupancies (798 stalls)



Hourly Occupancies (on-street)



| Stalls by Type | # of Stalls | Survey Day | Peak Occupancy Peak Hour | Stalls Available | Average Length of Stay | Violation Rate |
|------------------|-------------|--------------------|-----------------------------|------------------|------------------------|----------------|
| On-Street Supply | 798 | Thursday, June 8 | 62.7% 1:00 – 2:00 PM | 293 | 2 hr/ 8 min | 12.8% |
| | | Saturday, August 5 | 50.1% 1:00 – 2:00 PM | 392 | 2 hr/ 28 min | 19.1% |

- Weekday (Thursday) occupancies (63%) are significantly higher than weekend (Saturday) occupancies (50%).
- Thursday/Saturday peak hours (1 – 2PM) are the same.
- Average time stay is over 2 Hours, less than 3 Hours (**see next slide**)
- Violation rate is high for cars in time limited parking (should be 5 - 9% by industry standard).

Key Utilization Metrics (on-street) by Time Stay



| Stalls by Type | # of Stalls | Survey Day | Peak Occupancy Peak Hour | Stalls Available | Average Length of Stay | Violation Rate |
|------------------|-------------|--------------------|-----------------------------|------------------|------------------------|----------------|
| 2 Hours (Signed) | 282 | Thursday, June 8 | 82.0% 12:00 – 1:00 PM | 49 | 1 hr/ 34 min | 12.9% |
| | | Saturday, August 5 | 72.5% 1:00 – 2:00 PM | 77 | 1 hr/ 56 min | 19.2% |
| No Limit | 493 | Thursday, June 8 | 53.6% 1:00 – 2:00 PM | 227 | 3 hr/ 15 min | N/A |
| | | Saturday, August 5 | 37.7% 5:00 – 6:00 PM | 301 | 3 hr/ 40 min | N/A |

- 2 Hour time stay seems appropriate as majority of users need less than two hours. Occupancies are robust.
- No Limit time stay over 3 hours, low occupancies.

Key Utilization Metrics (on-street)



| Use Characteristics | All Users | |
|---|----------------------|--------------|
| | Weekday | Weekend |
| Unique vehicle trips (UVT) | 1,938 | 1,414 |
| Vehicle hours parked (VHP) | 4,142 | 3,486 |
| Turnover rate | 4.68 | 4.06 |
| # vehicles parking ≥5 hours in time limited stalls (% of UVT) | 26 (1.3%) | 57 (4.0%) |
| # of unique license plates (ULP) observed moving to evade parking citations in timed stalls | 111 (5.7% of ULP) | 35 (2.4%) |

Key Utilization Metrics (on-street)



- Less unique license plates Saturday (1,414) than Thursday (1,938). Likely less employees.
- Turnover rate is less than 5.0 (combined). Rate is over 6.0 in 2 hour stalls.
- Small percentage of vehicles parking 5+ hours in time limited stalls. This is acceptable.
- On Thursday, 111 cars (5.7% of ULP) are moving between time stalls. On Saturday the number drops to 35 cars (or 2.4% of ULP).
 - *These vehicles are commonly employees.*



OFF-STREET PERFORMANCE

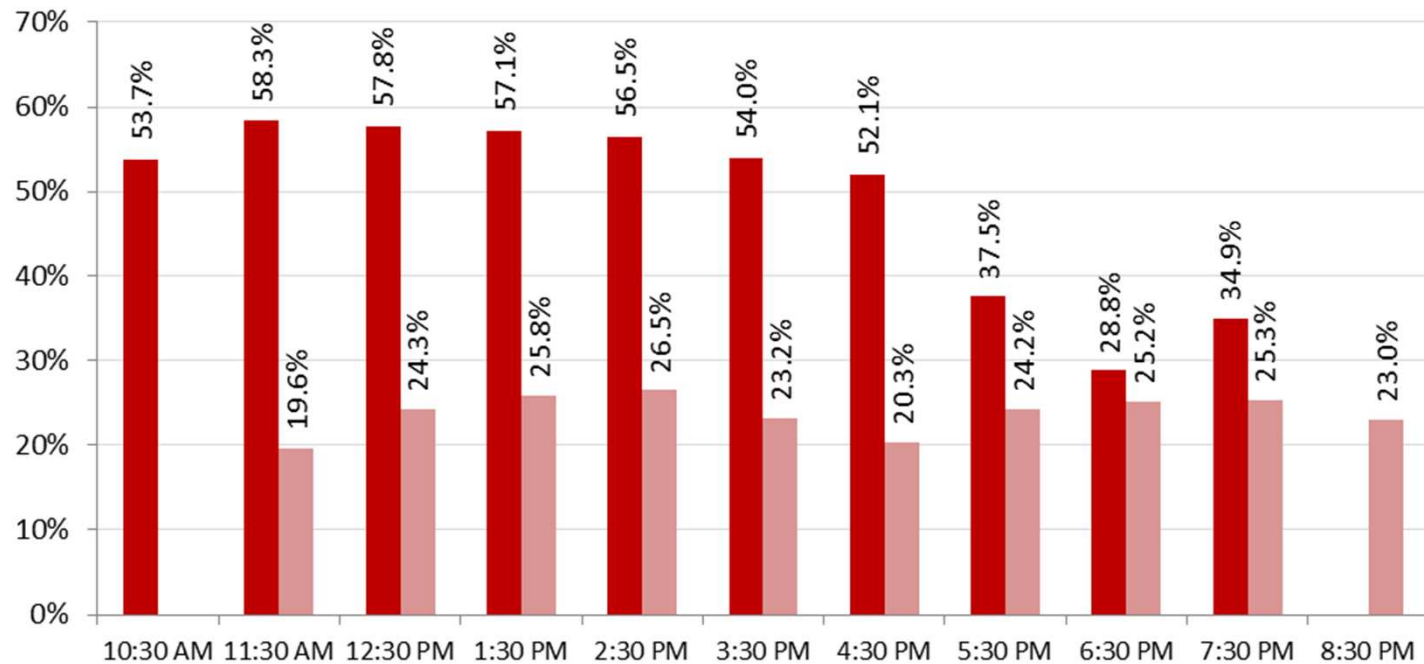
Hourly Occupancies (off-street)



2017 McMinnville Parking Utilization

Weekday vs weekend off-street occupancies (1,666 stalls)

■ Thursday, June 8 ■ Saturday, August 5



Key Use Metrics (off-street)

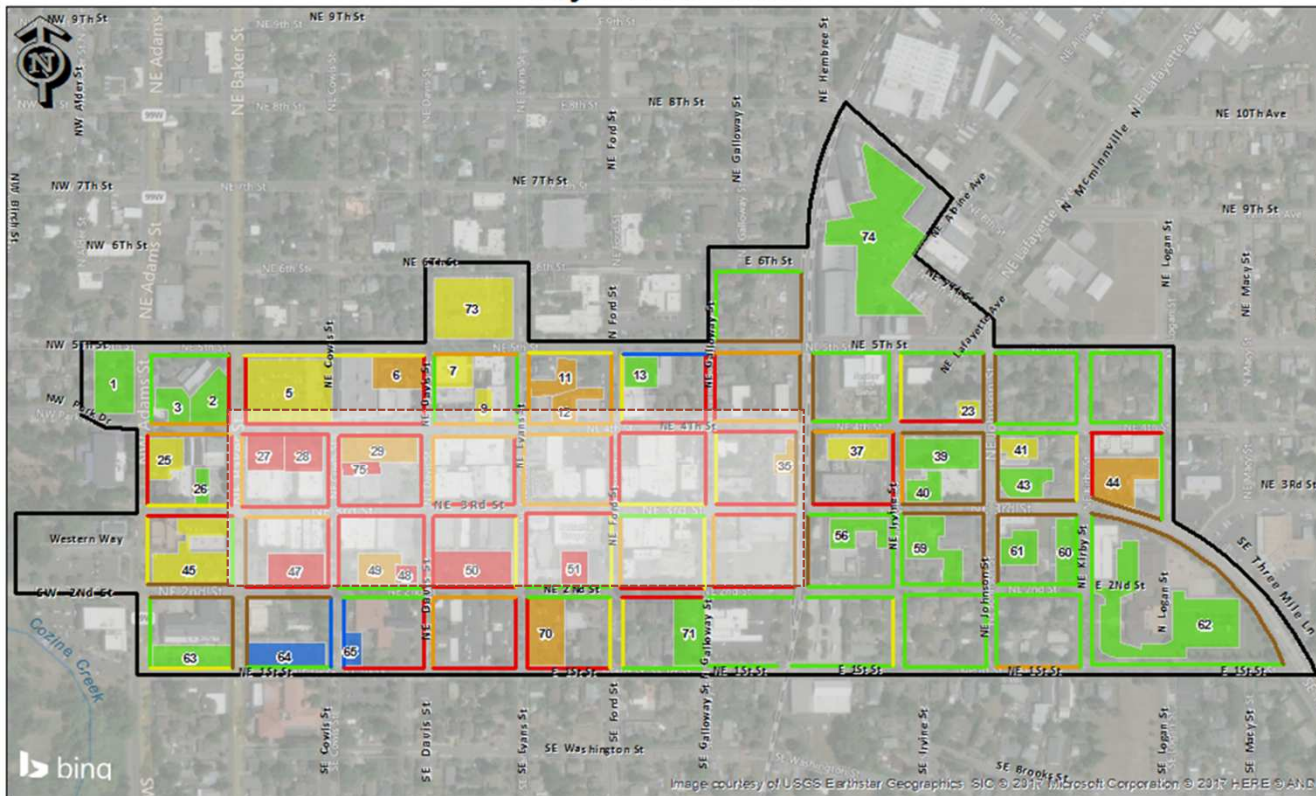


- Weekday (Thursday) occupancies (58%) are significantly higher than weekend (Saturday) occupancies (27%). This mirrors data for the on-street system.
- Thursday – 6 of 42 lots are 85%+ at peak hour (4 are City lots)
- Saturday – 3 of 42 lots are 85%+ at peak hour (1 City lot)
- Thursday - Empty off-street stalls = 650 (surveyed lots)
- Saturday - Empty off-street stalls = 1,225 (surveyed lots)
- If extrapolated to the entire off-street system, there would be 854 and 1,505 empty stalls for Thursday/Saturday, respectively.

Study Area Heat Map Thursday Peak Hour



City of McMinnville



Combined Parking Utilization - Weekday

Parking Study Area

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June 8, 2017

1:00 - 2:00 PM
Peak Hour



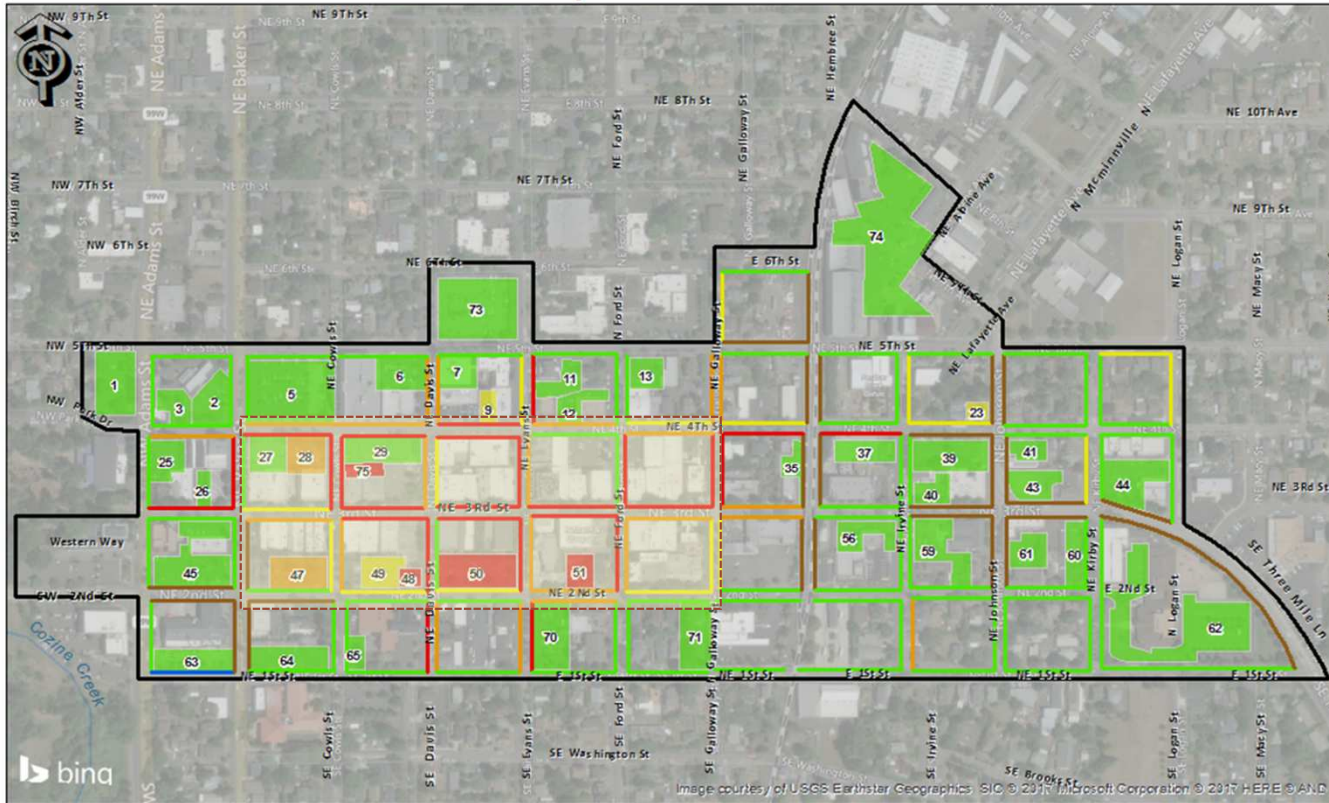
- Note shaded area and “hot” block faces”
- West end of DT much more robust than east end.
- We will do further analysis for this “high occupancy node.”

Study Area Heat Map

Saturday Peak Hour



City of McMinnville



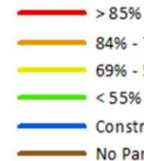
Combined Parking Utilization - Weekend

Parking Study Area

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Construction



August 5, 2017

1:00 - 2:00 PM
Peak Hour



- Note smaller shaded area for “hot” block faces”
- Significant supply availability (on and off-street)

SUMMARY

INITIAL DATA FINDINGS



- Majority of on-street parking is formatted (no limit) to favor long-term parking.
- On-street parking is robust on weekday in west end of study area.
- Empty on-street stalls generally available within walking distance.
- Average durations of stay are less than 3 hours on-street (average), and less than 2 hours in timed stalls.
- Off-street lots have parking availability (both days).



- Provide SAC a detailed data summary (Sept. 30)
- Schedule SAC Meeting # 3 (October)
 - Further review of data
 - Begin strategy discussion with SAC
- What more would the Committee like to see?



THANK YOU!