

# Downtown Redmond Parking Management Strategic Plan

Parking Advisory Committee  
May 29, 2019

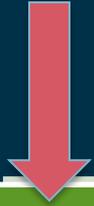


City of Redmond  
WASHINGTON

# Agenda

- Project Status Update
- Online Questionnaire Results
- Parking Inventory + Data Collection
- Data Collection Round 2
- Next Steps

# Schedule



## Phase 1:

### Existing Conditions

- Policy Audit
- Questionnaire
- Data Results

## Phase 2:

### Opportunities & Constraints

## Phase 3:

### Recommendations

## Phase 4:

### Implementation Plan

### Ongoing

- Data collection

### June-August

- Potential strategies

### September

- Open House
- Council Briefing

### October

- Refine strategies
- Implementation plan

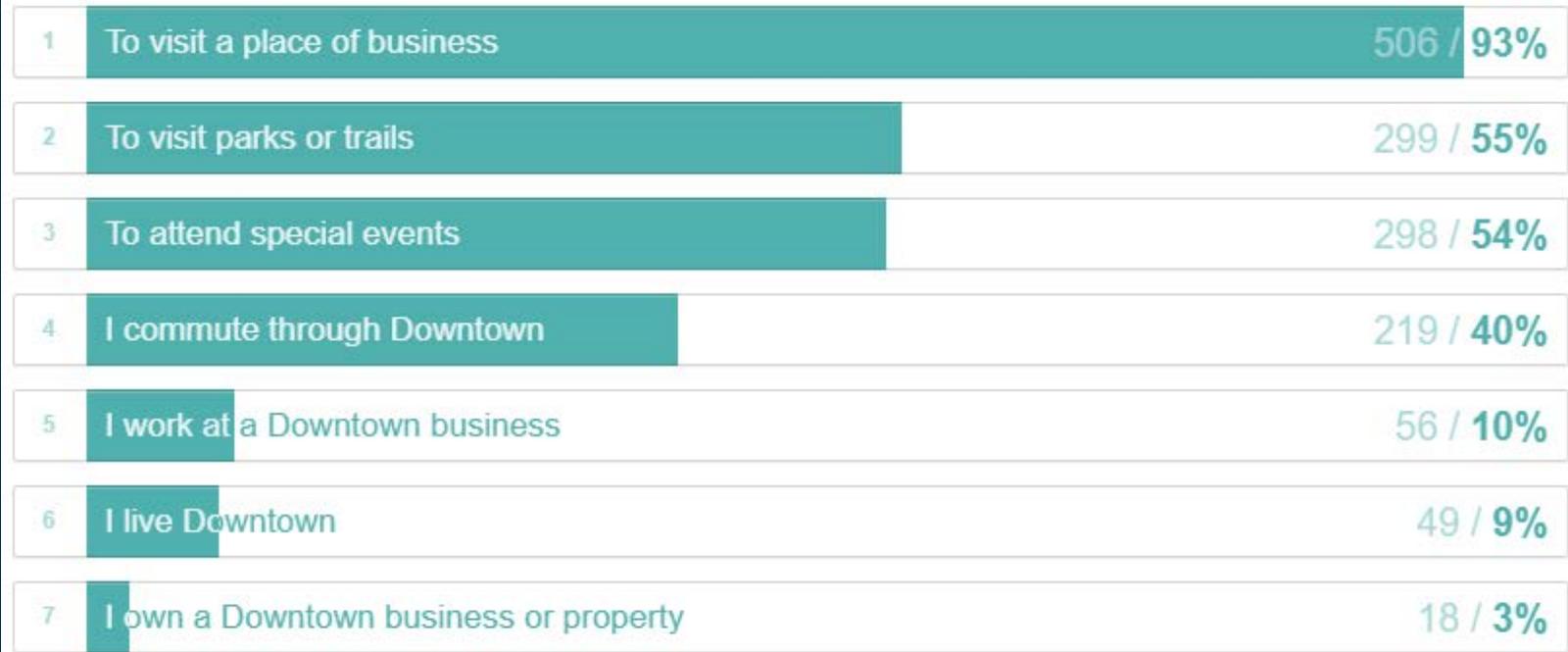
# User Questionnaire

- 547 respondents
  - 67% Redmond residents
  - 19% Unincorporated KC
- Of Redmond residents:
  - 40% Education Hill
  - 15% Downtown
  - 10% Grass Lawn

# User Questionnaire

The reason(s) I visit Downtown Redmond are:

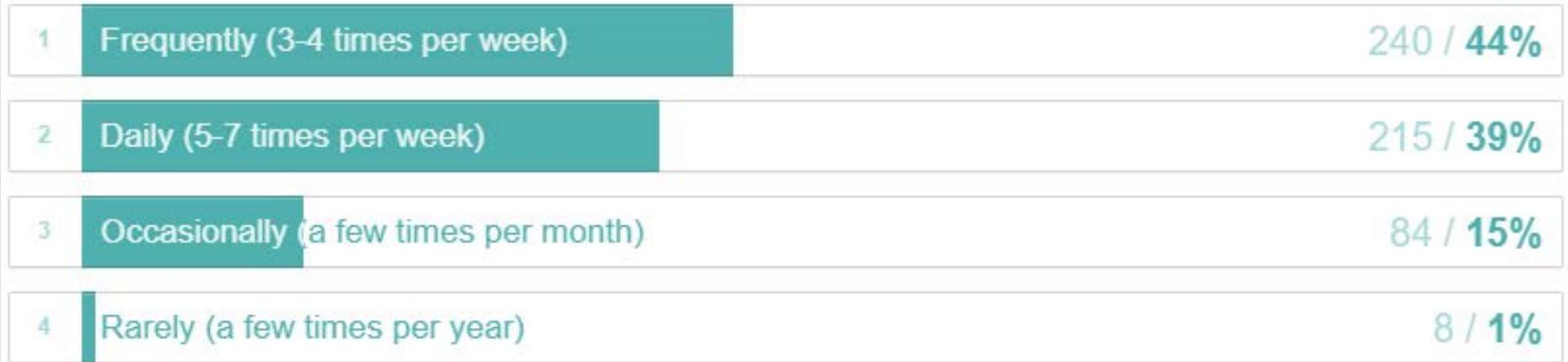
547 out of 547 people answered this question



# User Questionnaire

I go to Downtown:

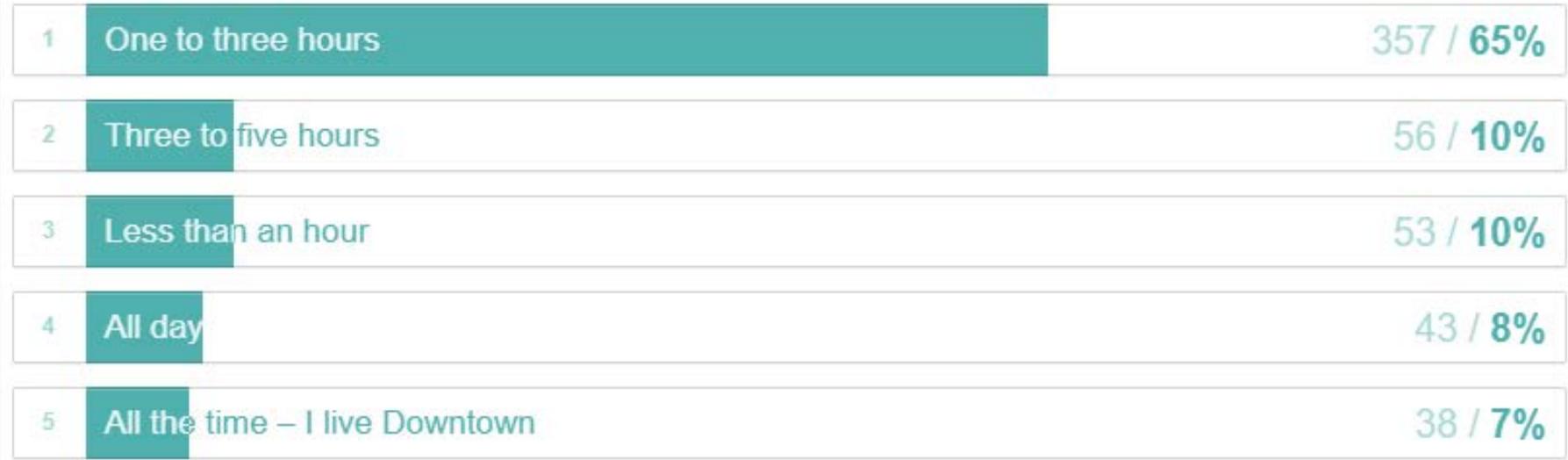
547 out of 547 people answered this question



# User Questionnaire

When I come Downtown I generally stay:

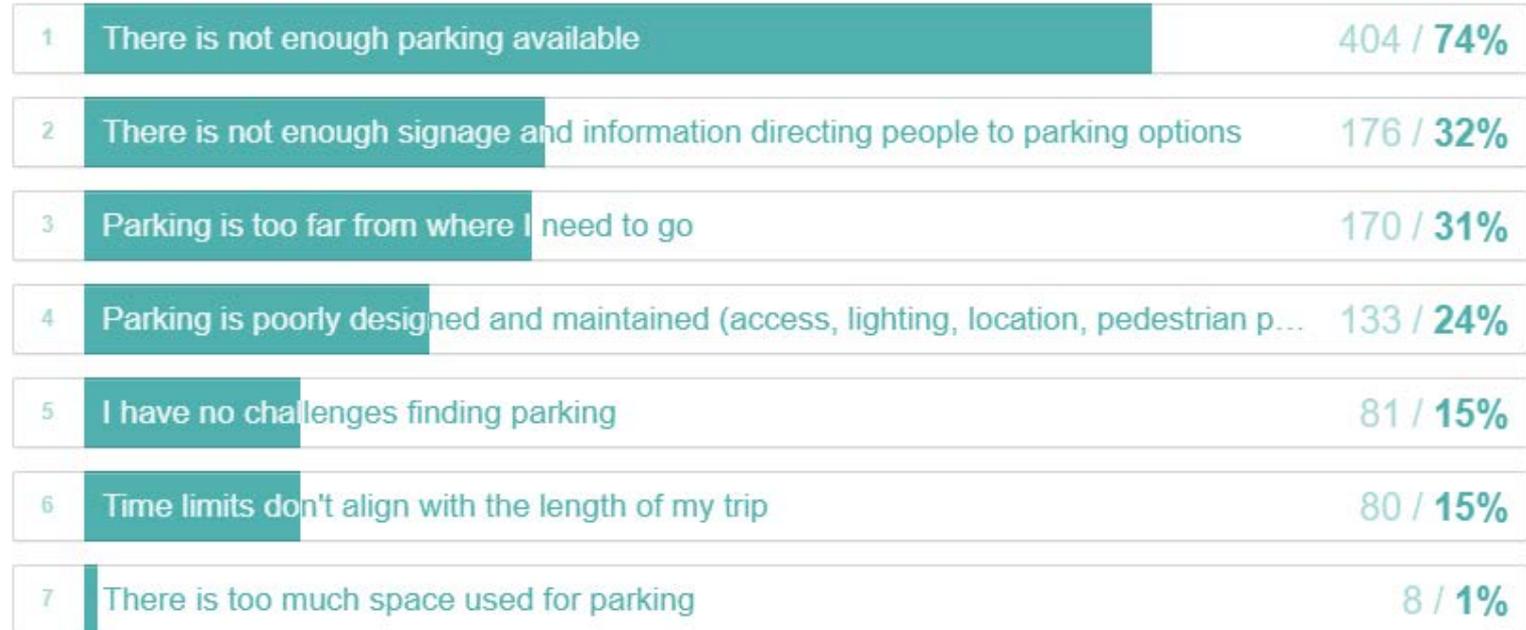
547 out of 547 people answered this question



# User Questionnaire

We are interested in understanding what people see as the biggest parking challenges:

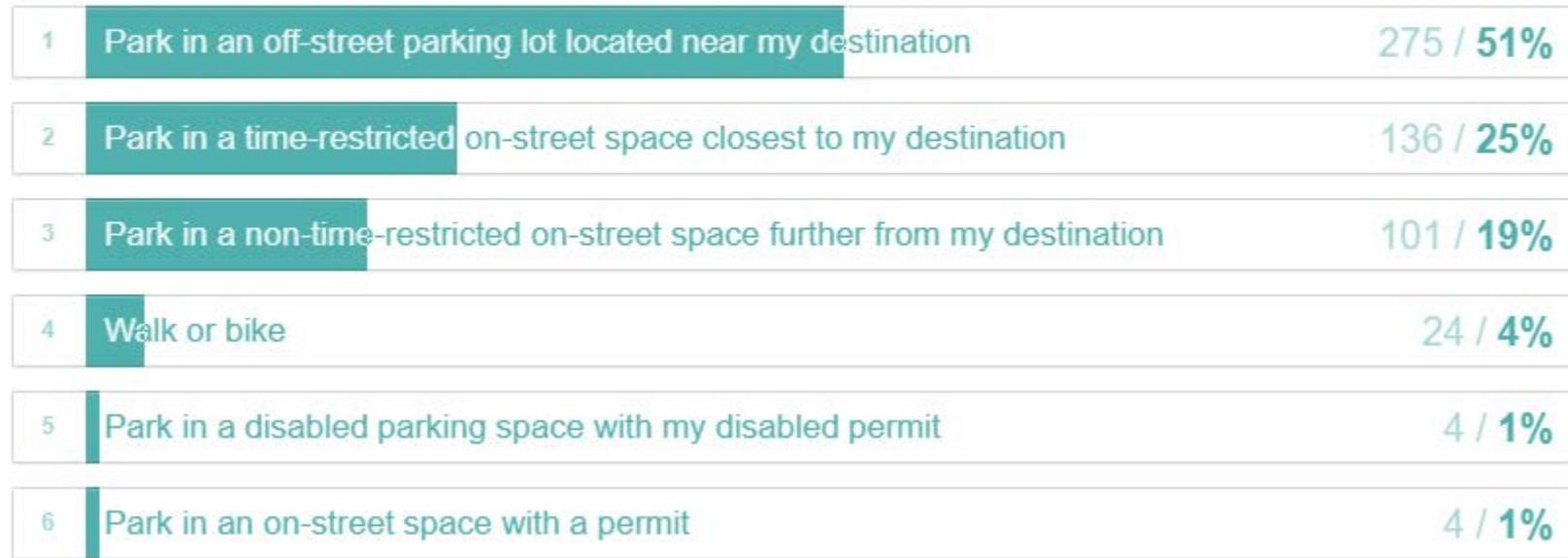
547 out of 547 people answered this question



# User Questionnaire

When I go to Downtown Redmond, I generally:

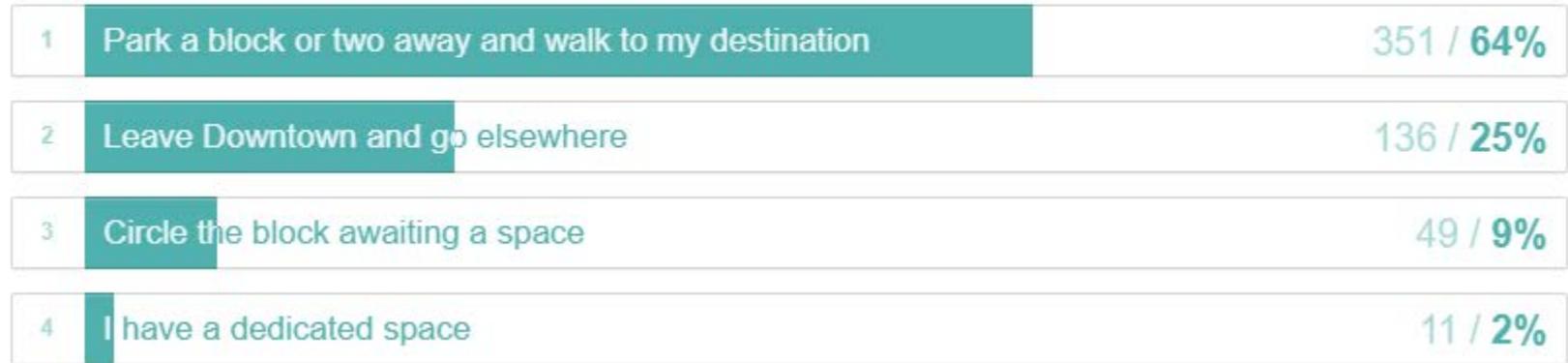
544 out of 547 people answered this question



# User Questionnaire

If parking is not available in front of my destination, I will:

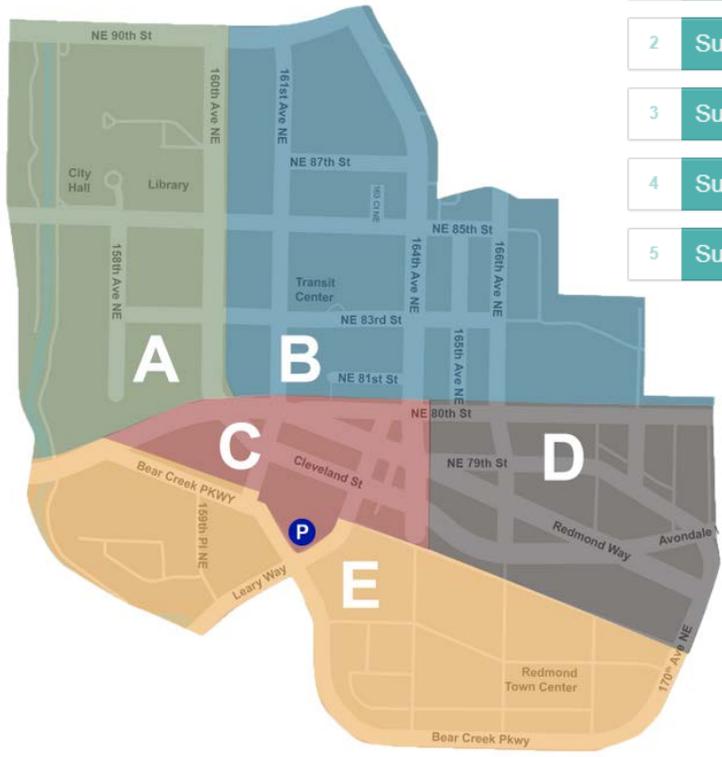
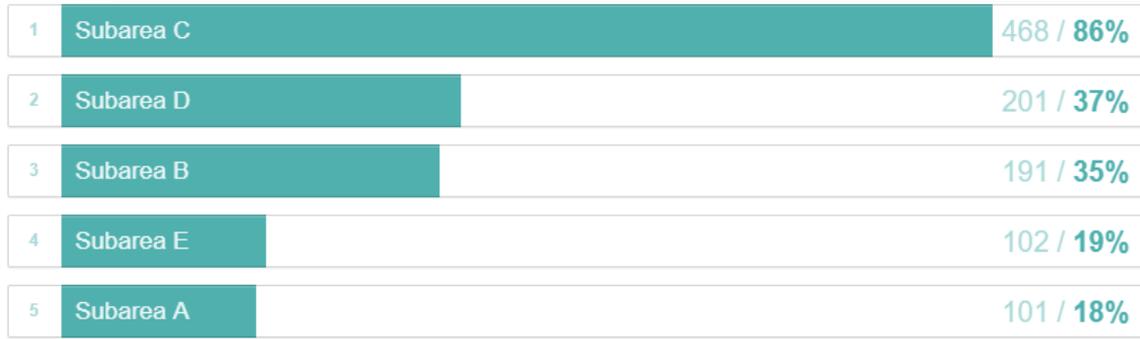
547 out of 547 people answered this question



# User Questionnaire

I generally have the most difficulty parking Downtown in these locations:

547 out of 547 people answered this question



# User Questionnaire

To improve parking in Downtown I would like (check all that apply):

547 out of 547 people answered this question



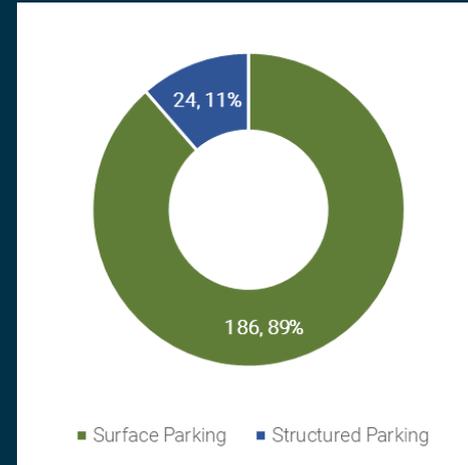
# User Questionnaire Summary

- Most people visit business or other amenities (e.g. parks, trails)
- Most visit 3+ times per week for 1-3 hours
- Old Town district most difficult to find parking
- Biggest challenge is not enough available parking
  - Lack of signage & messaging of where parking is was second biggest challenge
- When parking not available, most people will park a block or two from destination

# Downtown Land Use (Acres)

LAND USE (ACRES)	
Downtown Study Area	<b>503</b>
Parking	<b>210</b>
Buildings	<b>141</b>
Parks	<b>79</b>
Other (ROW, Open Space)	<b>73</b>

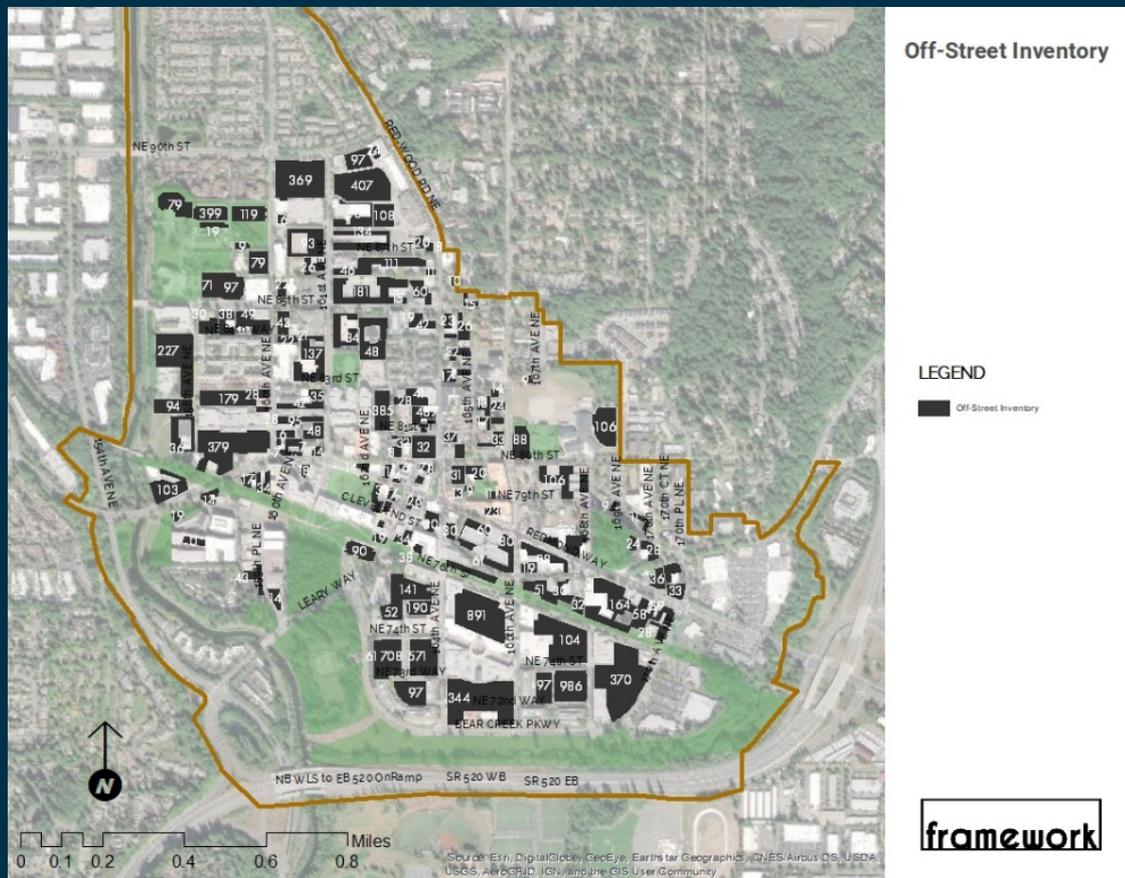
- 210 Acres of Parking (41% of Downtown Study Area)
  - 159 Football Fields
  - 229 Portland Blocks (200'x200')
  - 0.3 Square Miles
- Marymoor Park: 640 Acres



# Off-Street Inventory

- 158 Facilities
- Most privately owned and operated

A facility is a surface or structured off-street parking area.



# Off-Street Inventory by Downtown Zone

- 12,065 stalls
- Town Center has the most off-street parking
- Limited off-street parking in Old Town

Downtown Zone	# of Stalls
Anderson Park	1219
East Hill	417
Old Town	440
River Bend	90
Sammamish Trail	1672
Trestle	427
Town Square	2010
Town Center	4612
Valley View	1109
Bear Creek	69
<b>Total:</b>	<b>12,065</b>

# Off-Street Inventory by Land Use

- Mixed-Use has the most stalls
- +/- 1,200 City/Public Stalls

Land Use	# of Stalls
Bank	244
City	558
Hotel	331
Institution	492
Medical	404
Mixed Use	5156
Office	2663
Private	240
Public	613
Restaurant	324
Retail	785
Service	82
Unknown	173
<b>Total:</b>	<b>12,065</b>

# Off-Street Utilization

	Day Occupancy	Evening Occupancy
Occupied Stalls	5388	3961
Occupancy	44.7%	32.8%

- Day: 9am to 4pm
- Evening: 4pm to 9pm

# Off-Street Utilization by Zone

Downtown Zone	# of Stalls	Day Occupancy	Evening Occupancy	Difference
Anderson Park	1219	39.0%	33.8%	-5.2%
East Hill	417	37.9%	17.0%	-20.9%
Old Town	440	47.5%	69.5%	22.0%
River Bend	90	41.1%	24.4%	-16.7%
Sammamish Trail	1672	66.9%	26.1%	-40.8%
Trestle	427	62.3%	51.8%	-10.5%
Town Square	2010	57.5%	22.7%	-34.7%
Town Center	4612	30.1%	29.5%	-0.6%
Valley View	1109	51.0%	61.0%	9.9%
Bear Creek	69	24.6%	0	-24.6%
<b>Total:</b>	<b>12,065</b>	<b>44.70%</b>	<b>32.80%</b>	<b>-11.90%</b>

- Day: 9am to 4pm

- Evening: 4pm to 9pm

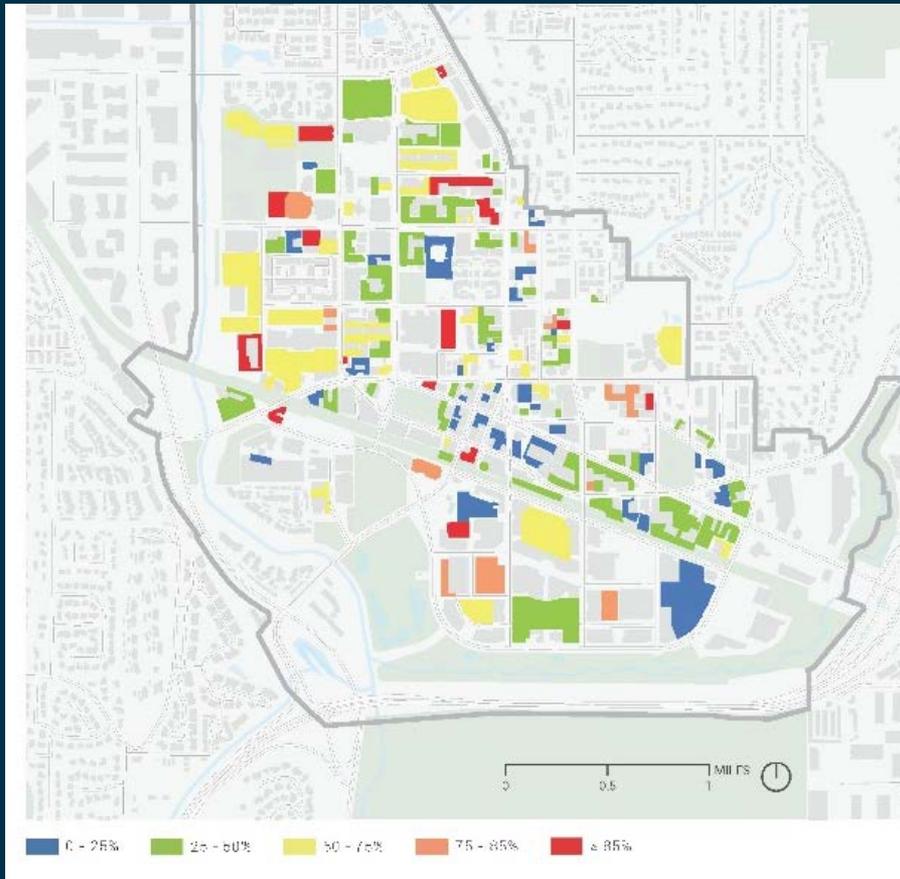
# Off-Street Utilization by Land Use

Land Use	# of Stalls	Day Occupancy	Evening Occupancy	Difference
Bank	244	38%	9%	-29%
City	558	69%	25%	-44%
Hotel	331	7%	4%	-3%
Institution	492	47%	39%	-7%
Medical	404	44%	11%	-33%
Mixed Use	5156	52%	51%	-1%
Office	2663	22%	8%	-14%
Private	240	62%	40%	-22%
Public	613	92%	37%	-56%
Restaurant	324	46%	40%	-6%
Retail	785	41%	28%	-12%
Service	82	32%	11%	-21%
Unknown	173	8%	10%	3%
<b>Total:</b>	<b>12,065</b>	<b>45%</b>	<b>33%</b>	<b>-12%</b>

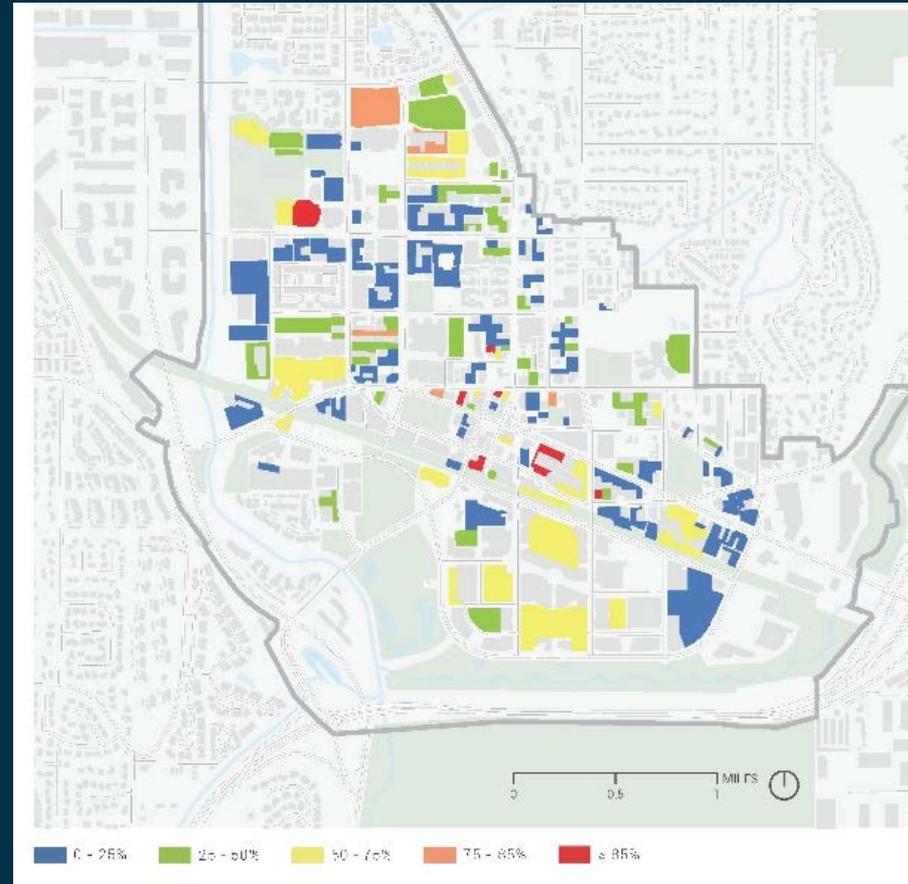
- Day: 9am to 4pm

- Evening: 4pm to 9pm

# Off-Street Utilization



Run 1: 9 am - 4 pm



Run 2: 4 pm - 9 pm

# On-Street Parking Inventory

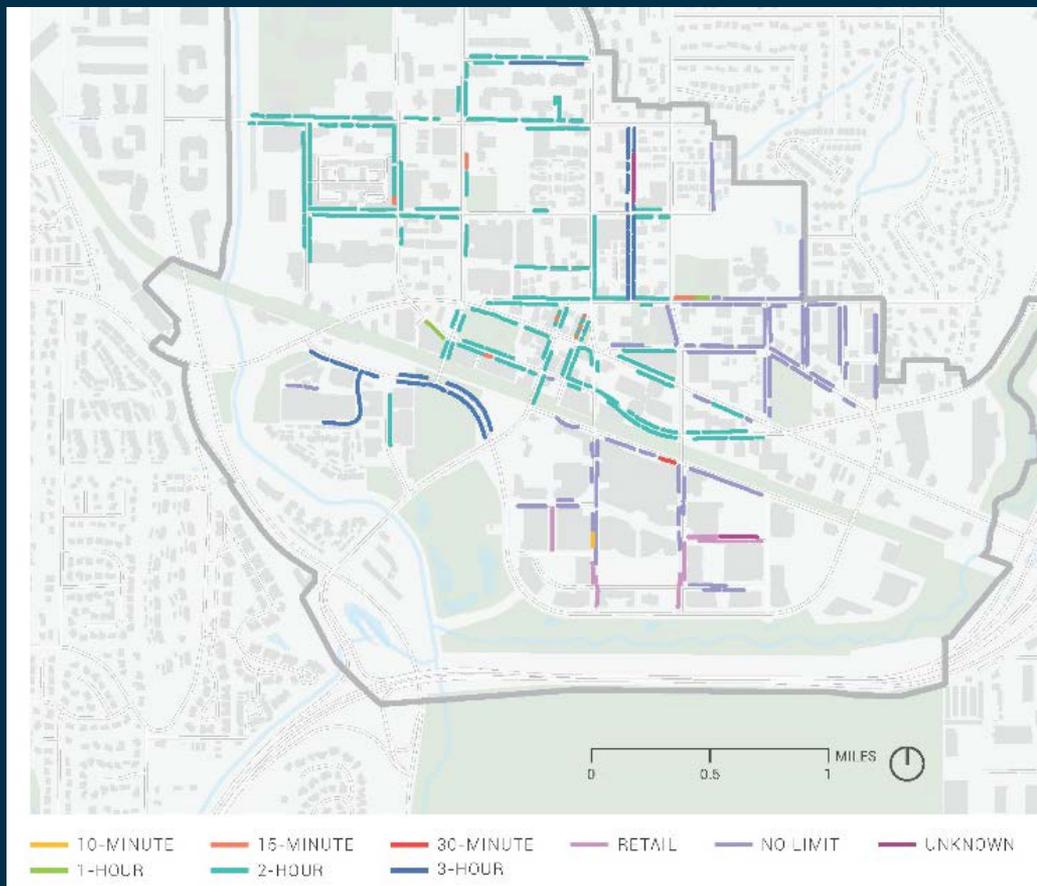
- 1,156 Stalls
- Many streets do not have on-street parking

CURB LANE USE (MILES)		
On-Street Parking		11
No Parking		15.6

# On-Street Parking Inventory

## ON-STREET INVENTORY

Use Type	Stalls	% of Total
10 minutes	3	0.3%
15 minutes	13	1.1%
30 minutes	2	0.2%
1 hour	9	0.8%
2 hours	552	47.8%
3 hours	119	10.3%
ADA accessible	19	1.6%
No Limit	379	32.8%
Business Parking Only	5	0.4%
Retail Parking Only	53	4.6%
Authorized Vehicle Only	2	0.2%
<b>On-Street Supply</b>	<b>1156</b>	<b>100%</b>

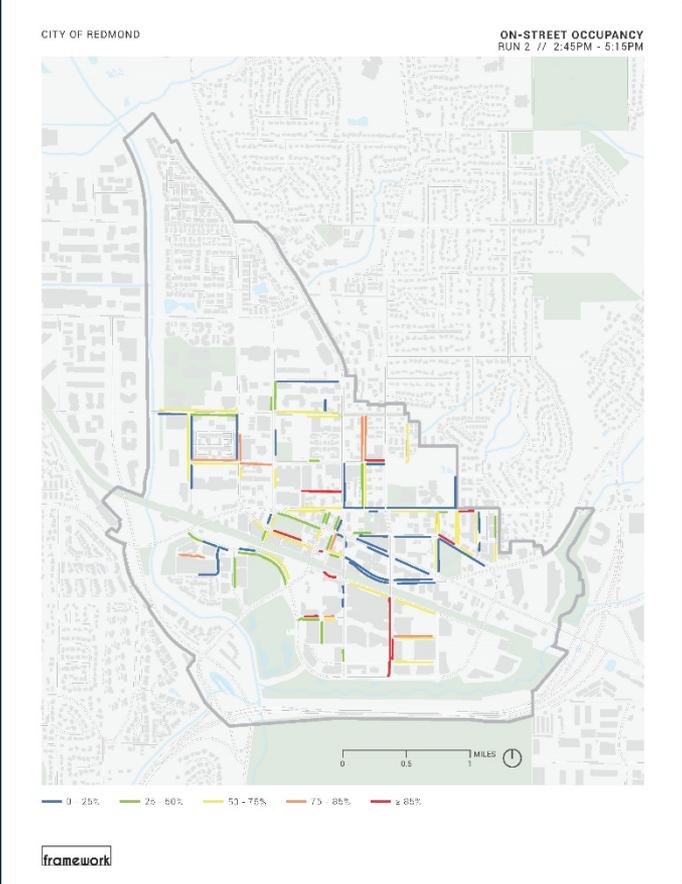
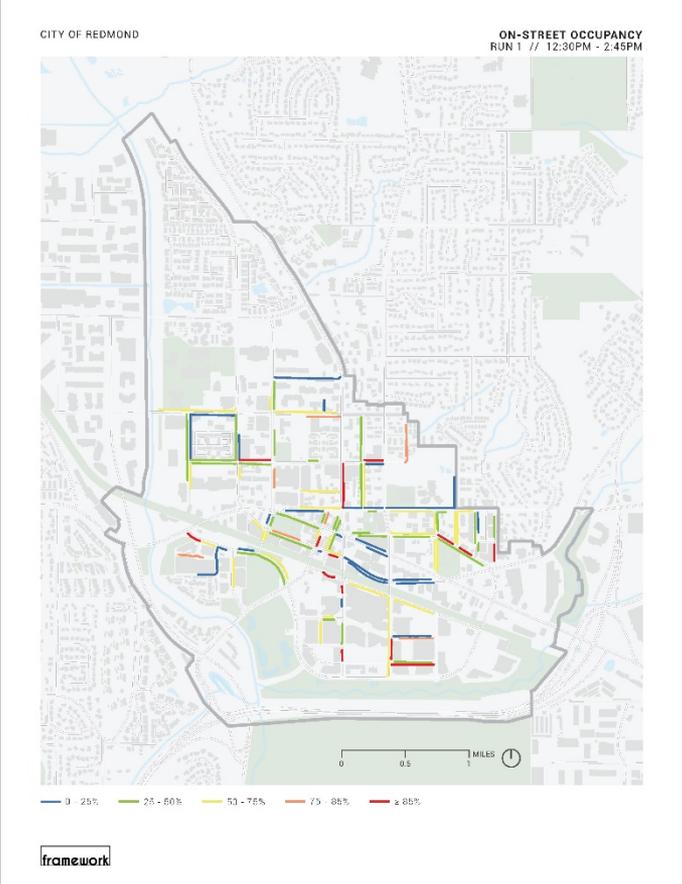


# On-Street Utilization

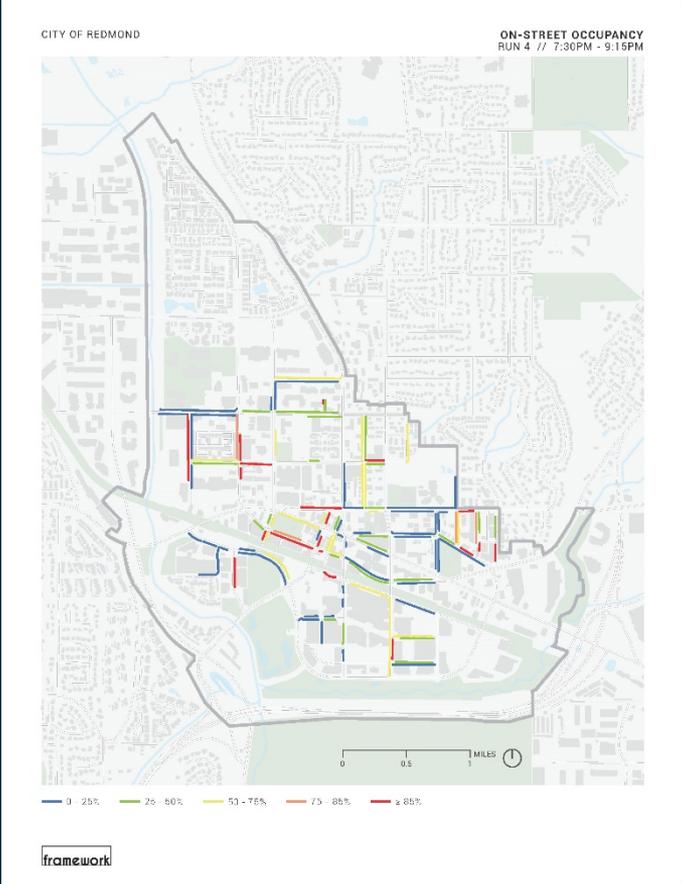
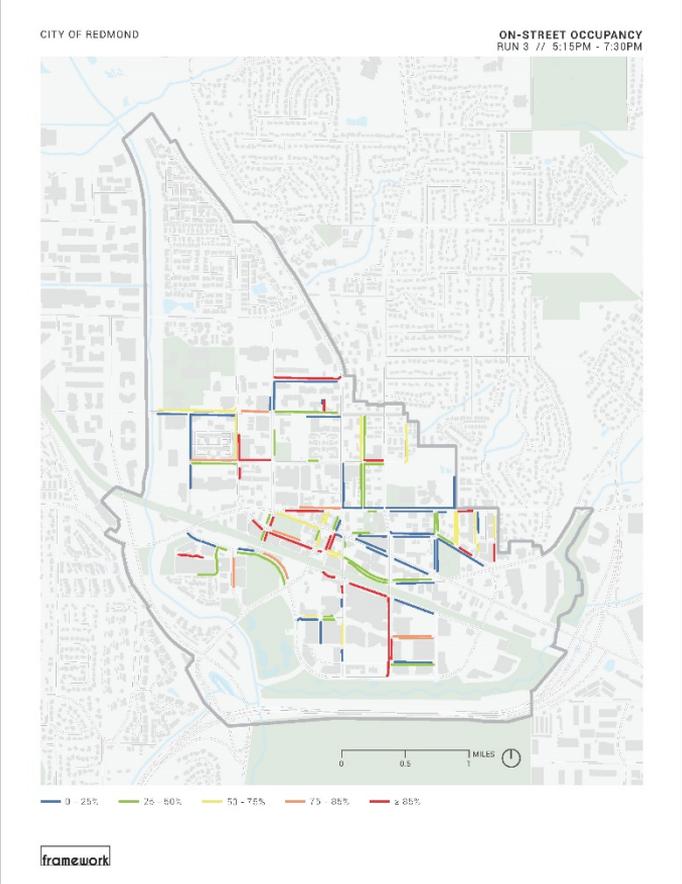
	9:00 - 11:00*	11:00 - 12:45*	12:30 - 2:45	2:45 - 5:15	5:15 - 7:30	7:30 - 9:15
Occupied Stalls	608	723	661	613	591	553
Occupancy	52.6%	62.5%	57.2%	53.0%	51.1%	47.8%

\*May 21, 2019

# On-Street Utilization



# On-Street Utilization



# Overall Utilization

## On-Street

	9:00 - 11:00*	11:00 - 12:45*	12:30 - 2:45	2:45 - 5:15	5:15 - 7:30	7:30 - 9:15
<b>Occupied Stalls</b>	608	723	661	613	591	553
<b>Occupancy</b>	52.6%	62.5%	57.2%	53.0%	51.1%	47.8%

## Off-Street

	Day Occupancy	Evening Occupancy
<b>Occupied Stalls</b>	5388	3961
<b>Occupancy</b>	44.7%	32.8%

Combined Peak Utilization: 46.2%

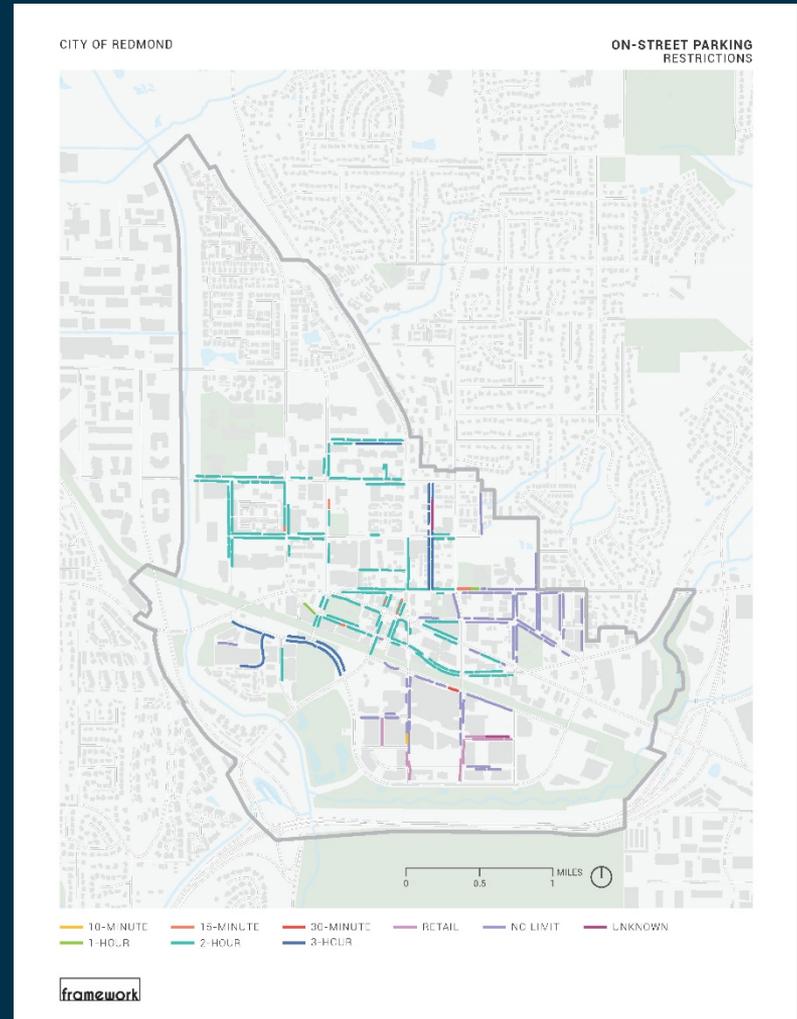
# Project Goals

- Parking strategies to support Downtown
- Maximize efficiency of parking management



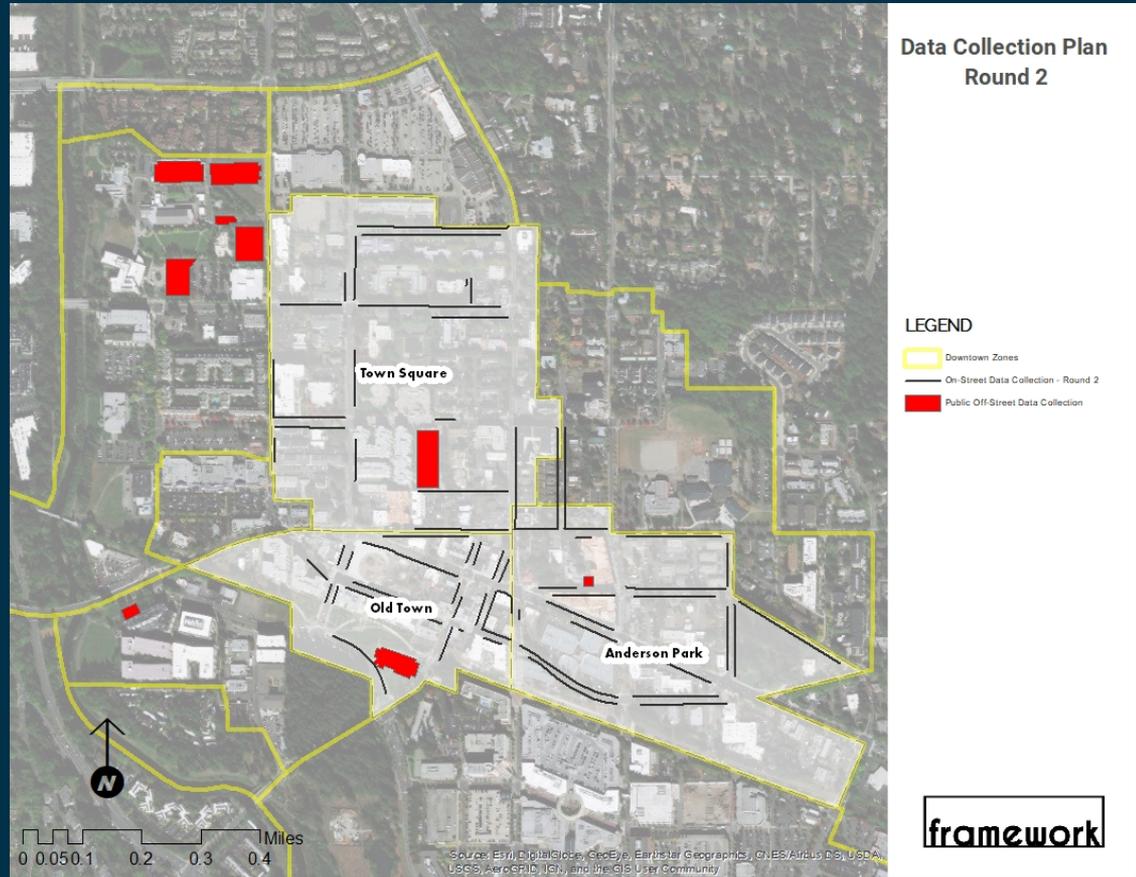
# On-Street Parking Demand Generators

- Need to Understand Parking Behavior
  - Duration of Stay
  - Turnover
  - Violation Rate
- Demand Generators for Short-Term Parking Areas
  - Retail and Restaurants
  - Employees
  - Parks/Recreation
  - Residents



# Data Collection Proposal – Rd. 2

- On-Street Districts:
  - Old Town
  - Town Square
  - Anderson Park
- Public Off-Street (City/Public Agency)



# Data Collection Proposal – Rd. 2

## Key Questions:

- Is the public parking supply being managed effectively?
  - How often are vehicles turning over on-street in areas with more street level retail and restaurants?
  - Are employees parking on the street?
  - How long are vehicles parked for on-street?
  - How often are vehicles violating time limits?
  - If the public off-street supply being managed effectively? Is there available capacity?

# Next Steps

- Continue data analysis
- Round 2 data collection
- Strategy development
- Present data to public & refine strategies in Sept.

