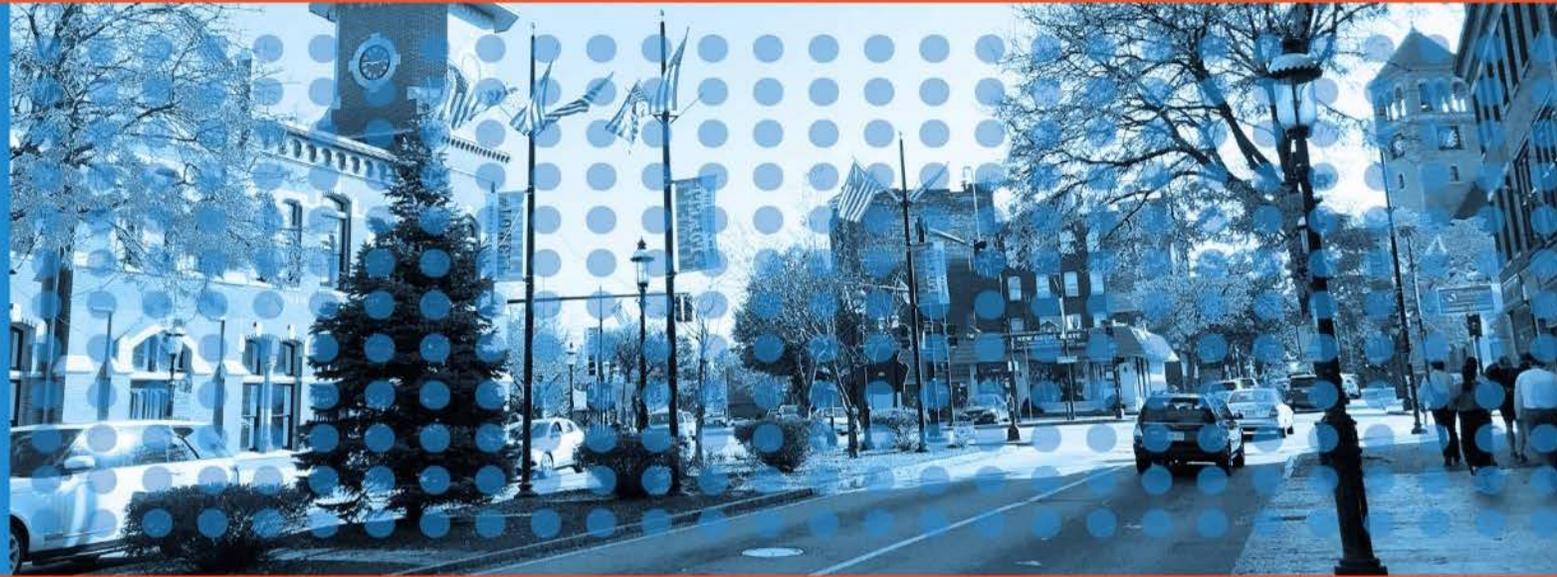




LOWELL PARKING STUDY



Welcome to the Lowell Parking Study Public Meeting.

We will be starting the meeting shortly.

Note: this meeting will be recorded.





LOWELL PARKING STUDY



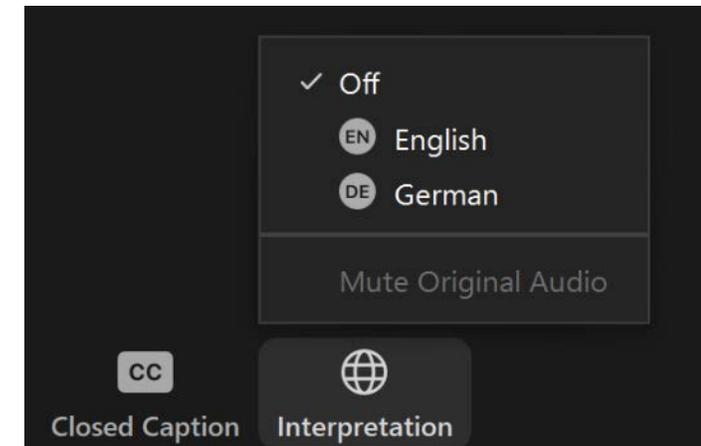
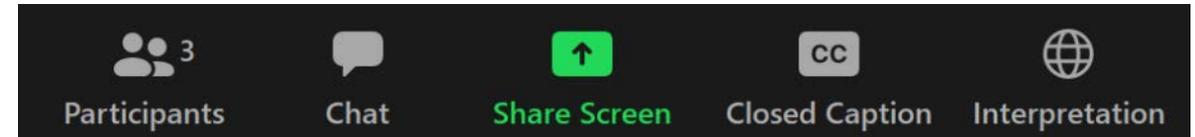
Public Meeting #1 - Community





Select the language you would like to hear by clicking the Interpretation feature and selecting a language from the list provided.

To hear the interpreted language only, click Mute Original Audio.





**Presentations are available in Español, Português Brasileiro, and
អង់គ្លេស**

at

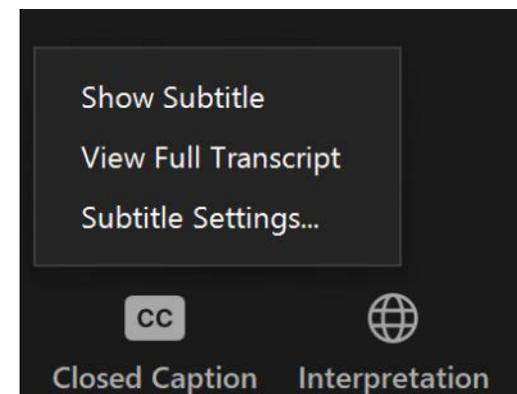
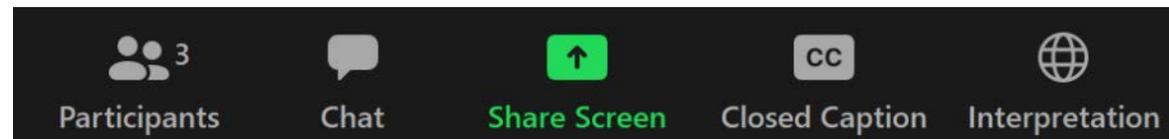
<https://www.lowellma.gov/parkingstudy>



You can view closed captions by clicking the Closed Captions feature and selecting from the options shown.

Show Subtitle will display a caption at the bottom of the screen.

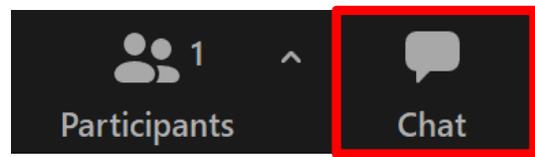
View Full Transcript will display the meeting's audio transcription in a window to the right.





You may use the Chat button to submit a typed question or comment at any point during the meeting.

If you have a technical problem, please share your issue in the Chat feature at any point during the meeting, and we will respond as quickly as possible.





Team Introductions and Using Zoom

Study Purpose and Goals

Parking System Overview

Next Steps

Questions and Answers



City of Lowell

- **Christine McCall – Director of Economic Development, DPD**
- **Terry Ryan – Parking Director**



Stantec Consulting

- **Jason Schrieber – Project Manager**
- **Michael Clark – Project Planner**



Regina Villa Associates

Regina Villa Associates

- **Regan Checchio – Outreach Coordinator**
- **Amanda Poggenburg – Outreach Support**

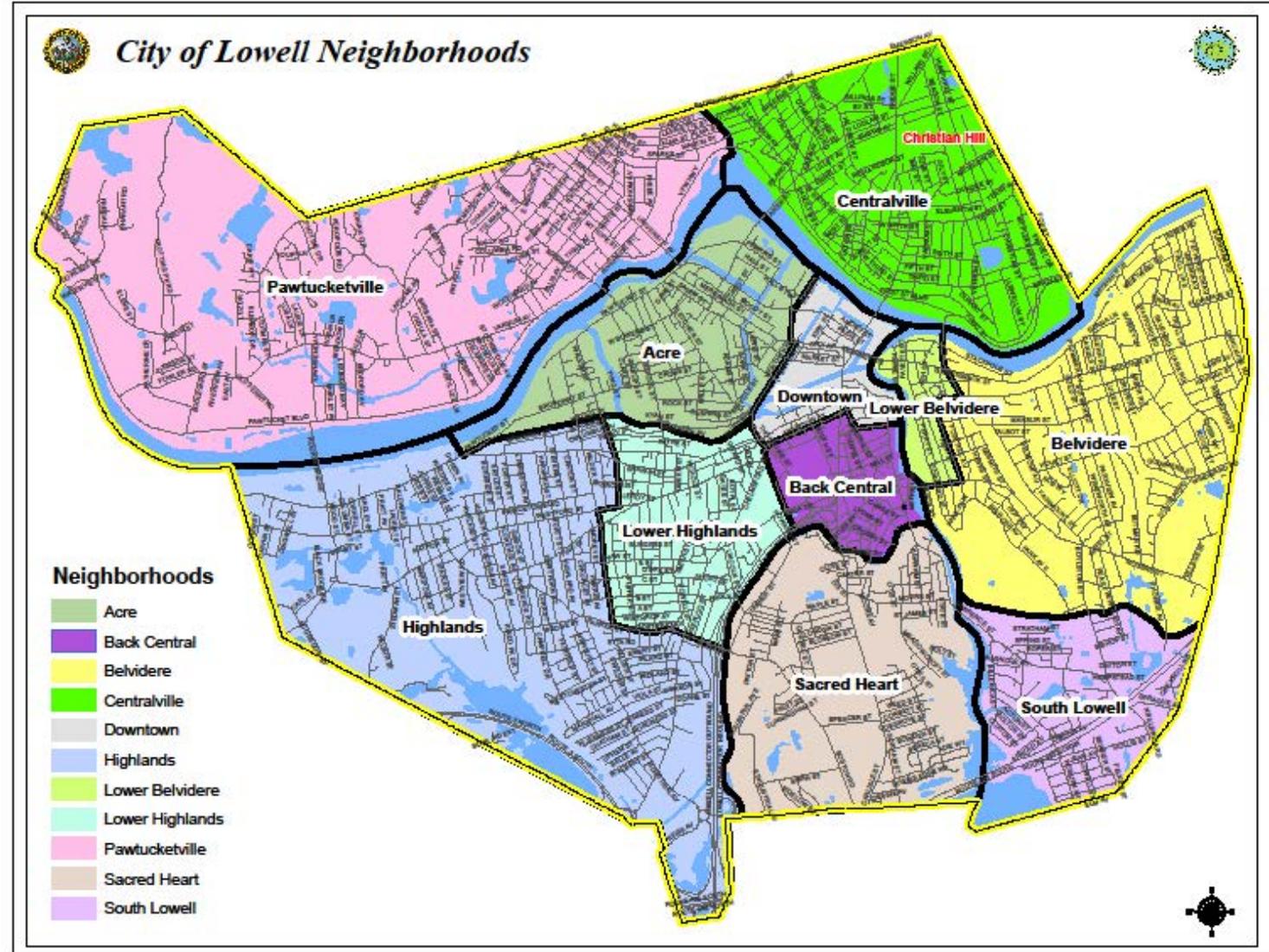


Audience Polling Question #1



In which neighborhood do you live?

- Acre
- Back Central
- Belvidere
- Centralville
- Downtown
- Highlands
- Pawtucketville
- South Lowell
- I don't live in Lowell

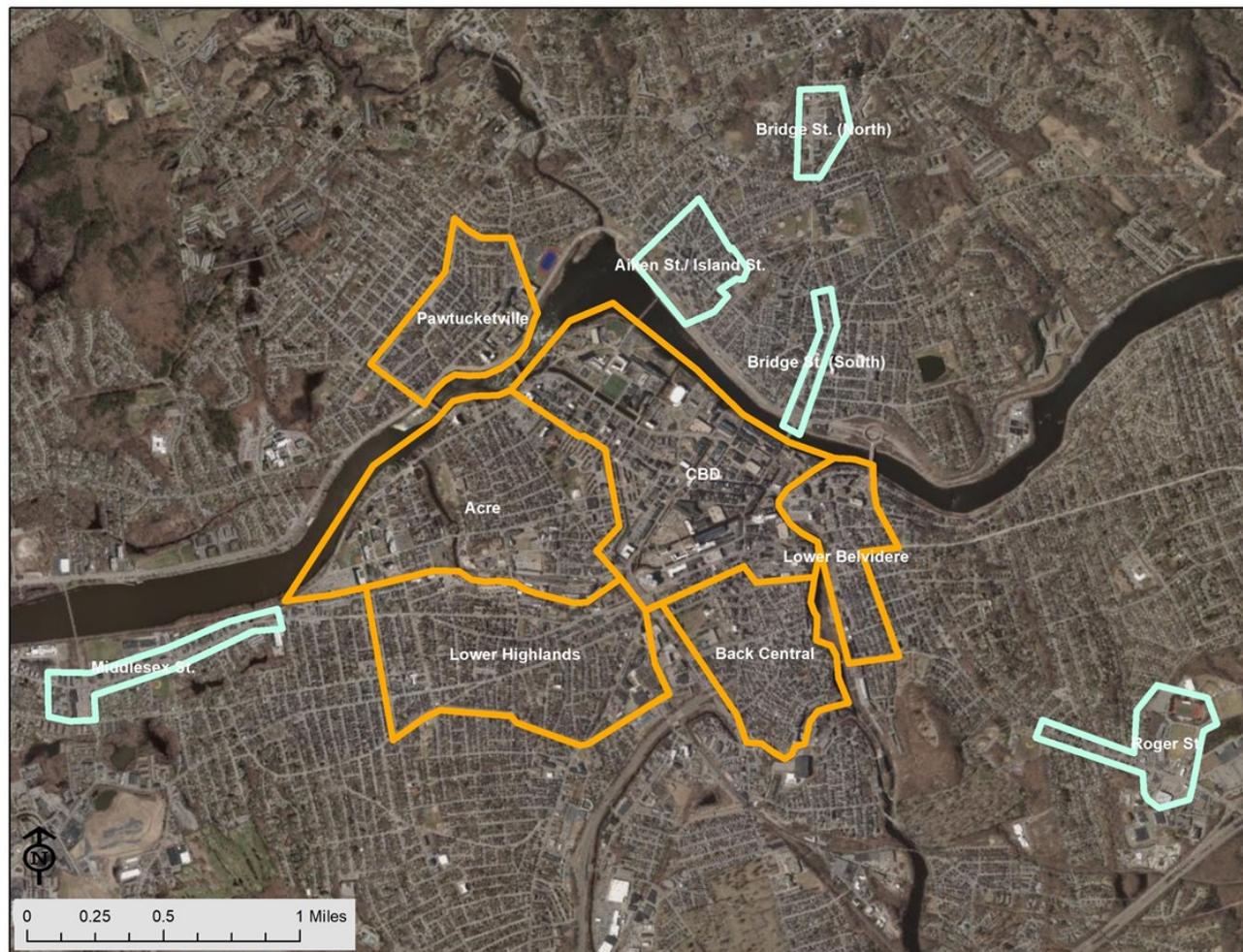




LOWELL PARKING STUDY



Study Purpose and Goals



Downtown

Neighborhoods

- Acre
- Back Central
- Lower Belvidere
- Lower Highlands
- Pawtucketville

Other Commercial Corridors

- Aiken Street/Island Avenue
- Bridge Street North
- Bridge Street South
- Middlesex Street
- Rogers Street



City using Housing Choice Grant from Executive Office of Housing and Economic Development:

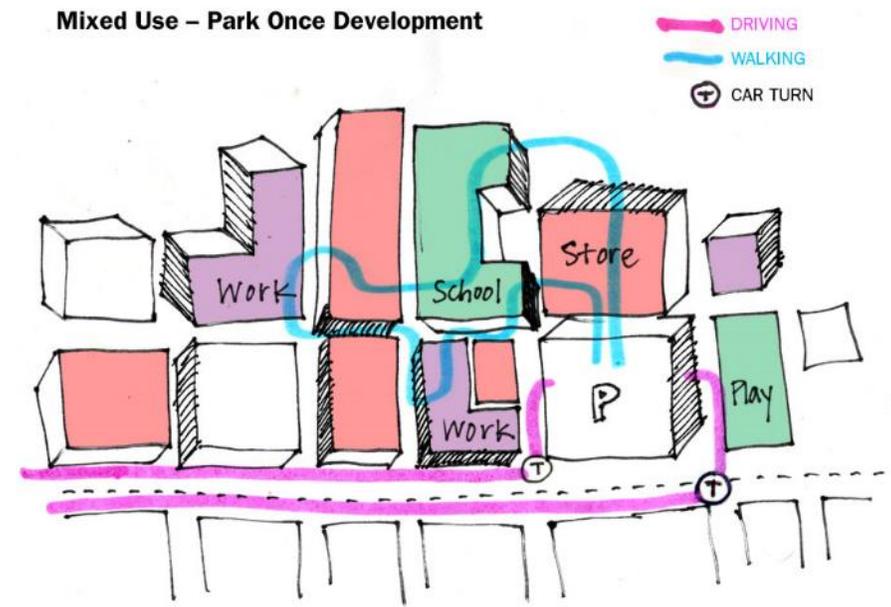
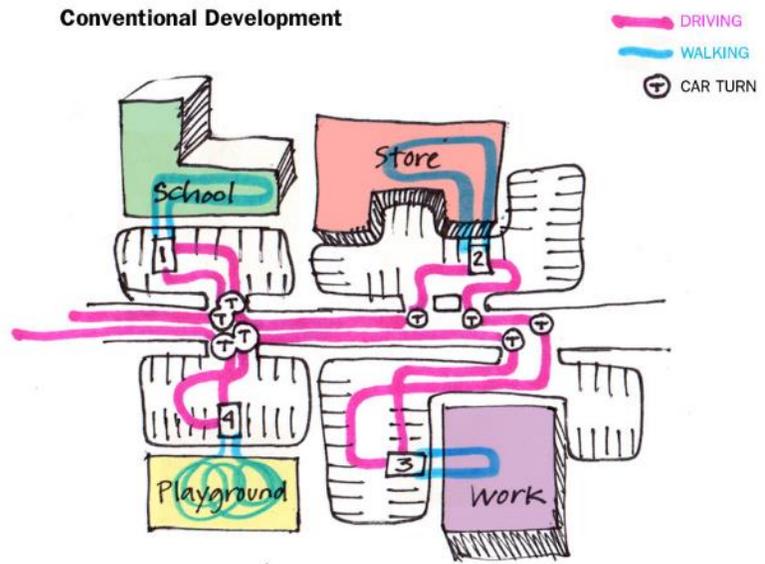
- **Analyze existing parking inventory and utilization**
- **Study parking-related policies and management**
- **Compare parking supply and demand to land uses**
- **Encourage economic development**



Align parking standards with economic development goals



- Lower development costs
- Create affordable housing opportunities
- Increase foot traffic for merchants
- Enable use of alternative transportation options





Improve the parking experience

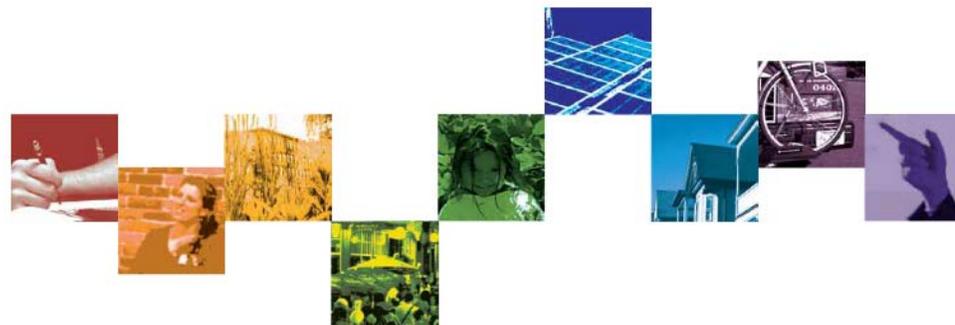
- Improved wayfinding
- Easier payment
- Greater safety
- Customer convenience





- **Multimodal safety**
- **Improved fiscal management**
- **Better traffic flow**
- **Quality placemaking**

**Update parking system to
reflect citywide goals**



SUSTAINABLE LOWELL 2025

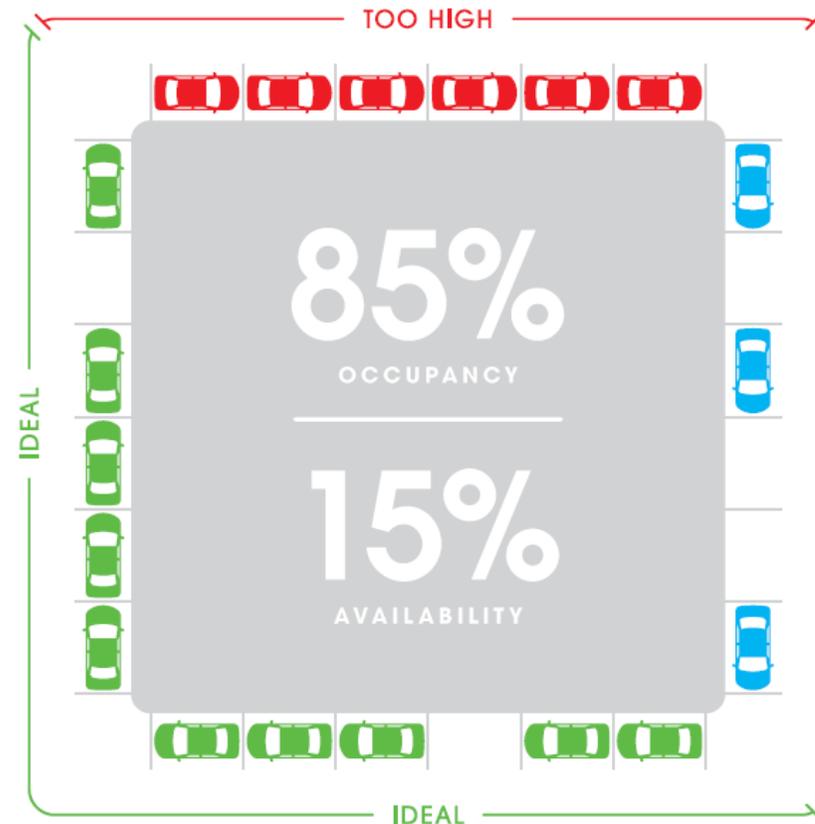


Office of the City Manager
375 Merrimack Street
Lowell, MA, 01852



Adjust parking pricing to
better manage demand
and system costs

- **Ensure space availability**
- **Reflect operating costs**
- **Better manage resources**





- **Advertise available parking**
- **Prevent “cruising”**



**Reduce parking congestion
and promote parking
availability**

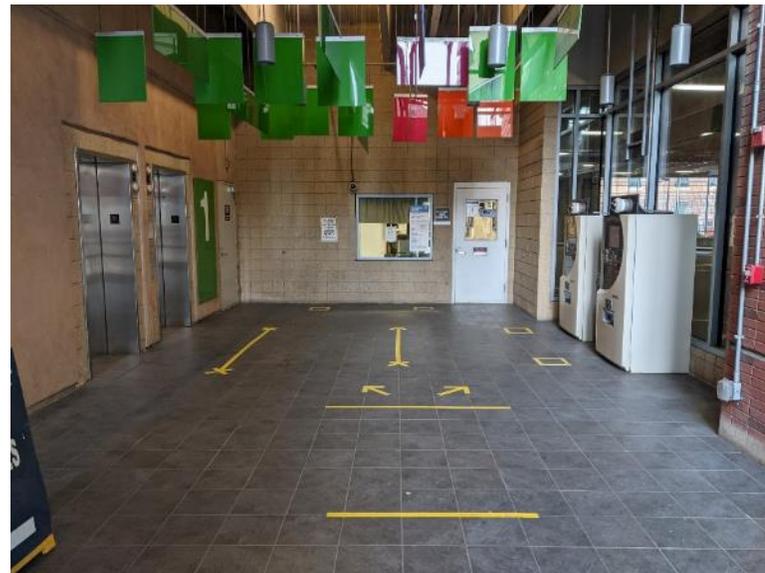




- **Greater ease of use**
- **More payment options**
- **Better personal safety**



Incentivize greater use of
City's parking garages



Early Garage



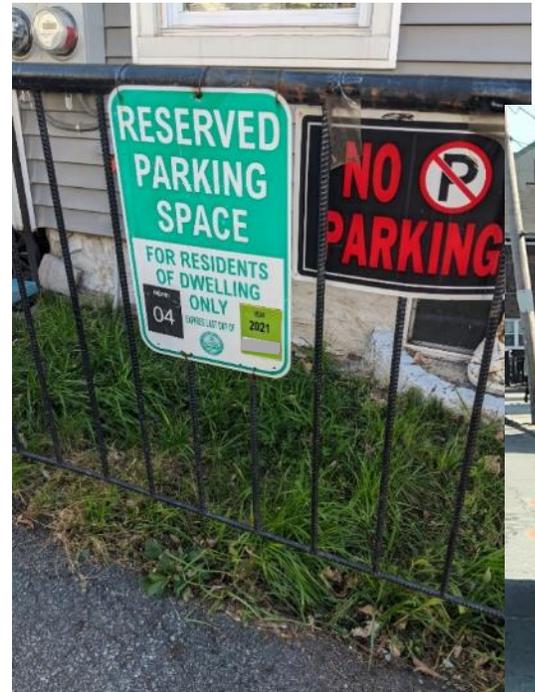
Downes Garage



- Address sign clutter
- Encourage space turnover
- Reduce potential for disputes



Streamline the City's residential parking programs

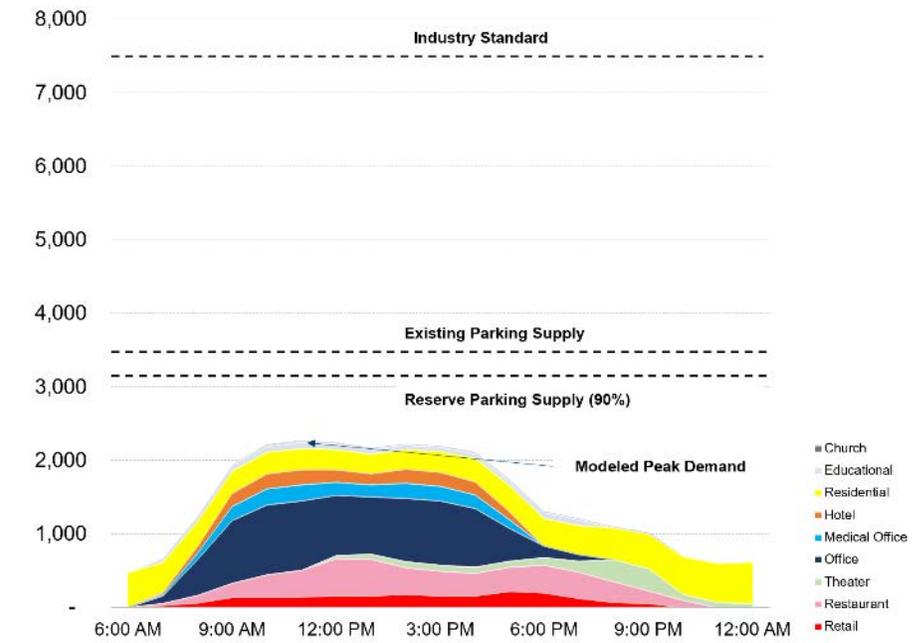
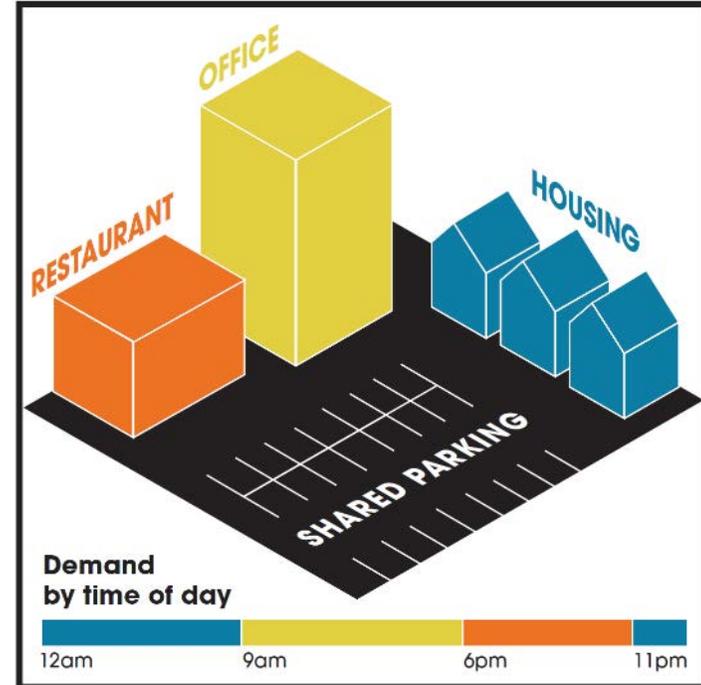




- Anticipate where parking may be scarce
- Expand capacity in a smart way
- Use existing availability to entice growth



Determine future parking needs to support growth in Downtown





Study Timeline



		2020			2021					
		FALL			WINTER			SPRING		
Task										
1	Data Collection & Neighborhood Evaluations	█	█	█	█	█	█			
2	Operations & Management Evaluations					█	█	█		
3	Public & Stakeholder Outreach Efforts					★	█		★	█
4	Draft & Final Parking Plans					█	█	█	█	█



Audience Polling Question #2



When you visit Downtown, what type of parking do you prefer to use?

- On-street meters
- Off-street parking garages
- Off-street surface lots
- I live Downtown and have my own parking space
- I live Downtown and don't need parking
- I don't visit or live Downtown
- I don't drive



LOWELL PARKING STUDY

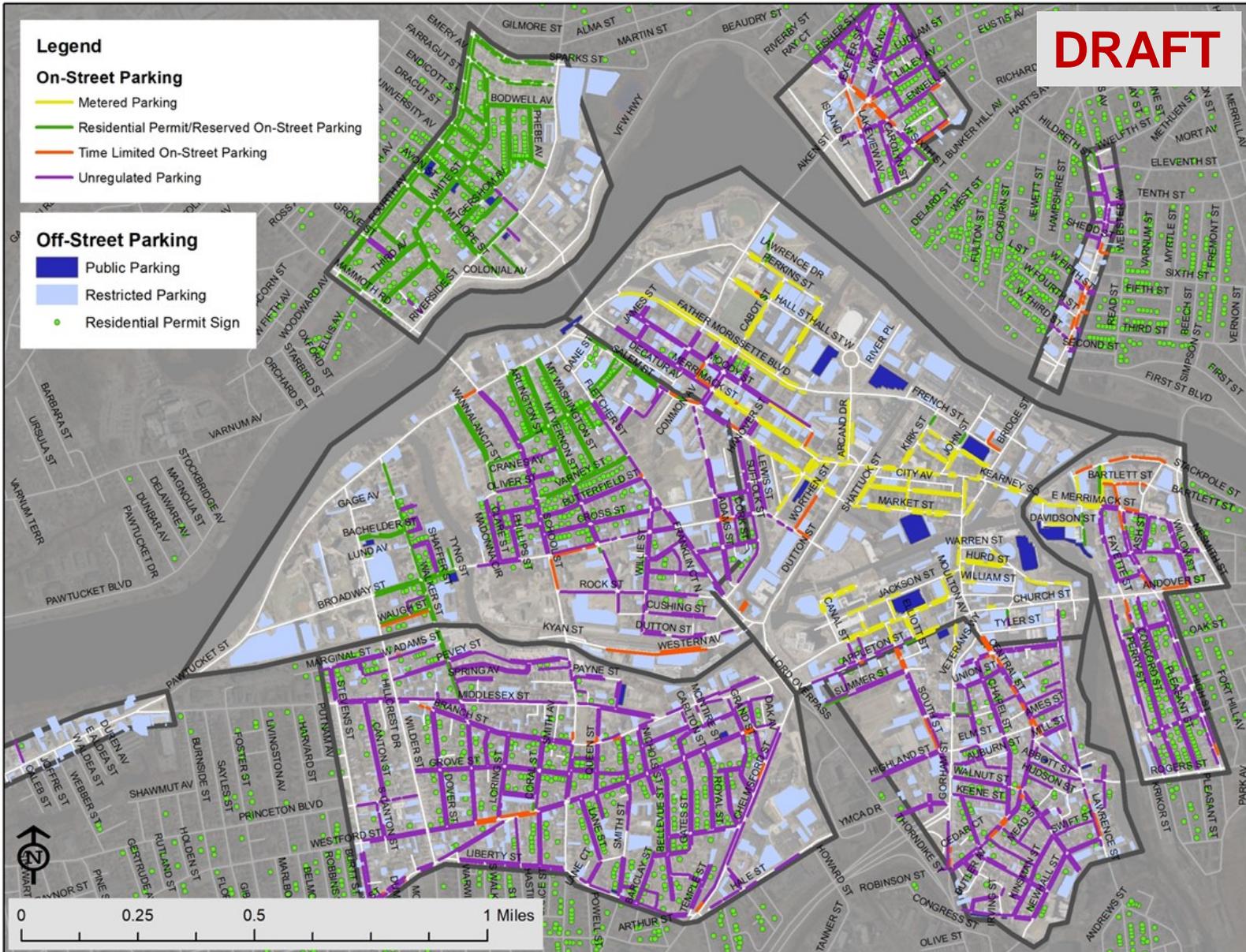


Parking System Overview





Study Area Parking Inventory

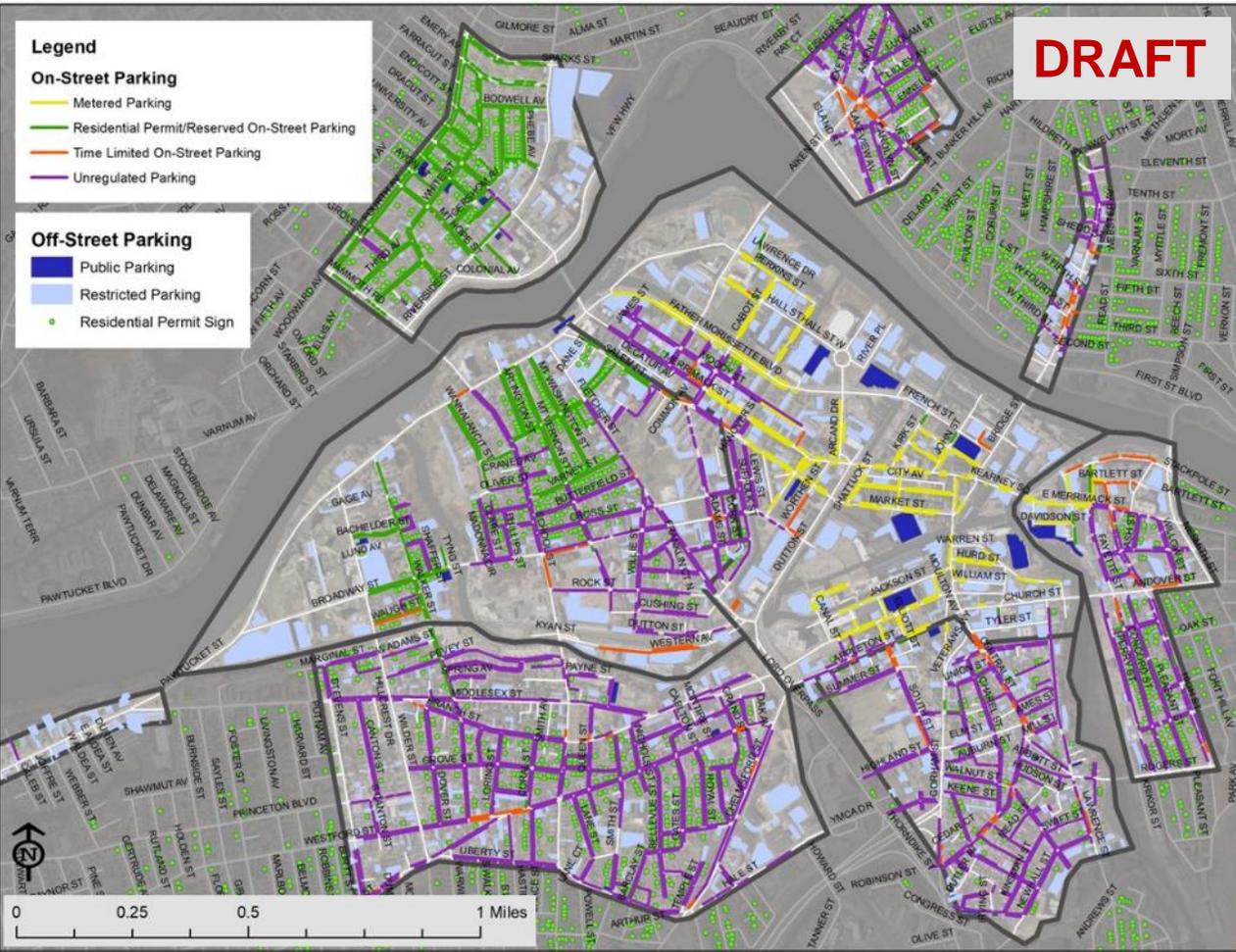




Study Area Parking Inventory



- 47,064** Total Parking Spaces
- 26,395** Restricted Off-Street (Public and Private) Parking
- 6,029** Publicly Available Off-Street Parking
- 1,346** Metered On-Street Parking
- 674** Time Limited On-Street Parking
- 2,507** Residential Permit/Reserved On-Street Parking
- 1,238** Residential Placard Parking (Lowell Total = 2,907)
- 8,875** Unregulated Parking



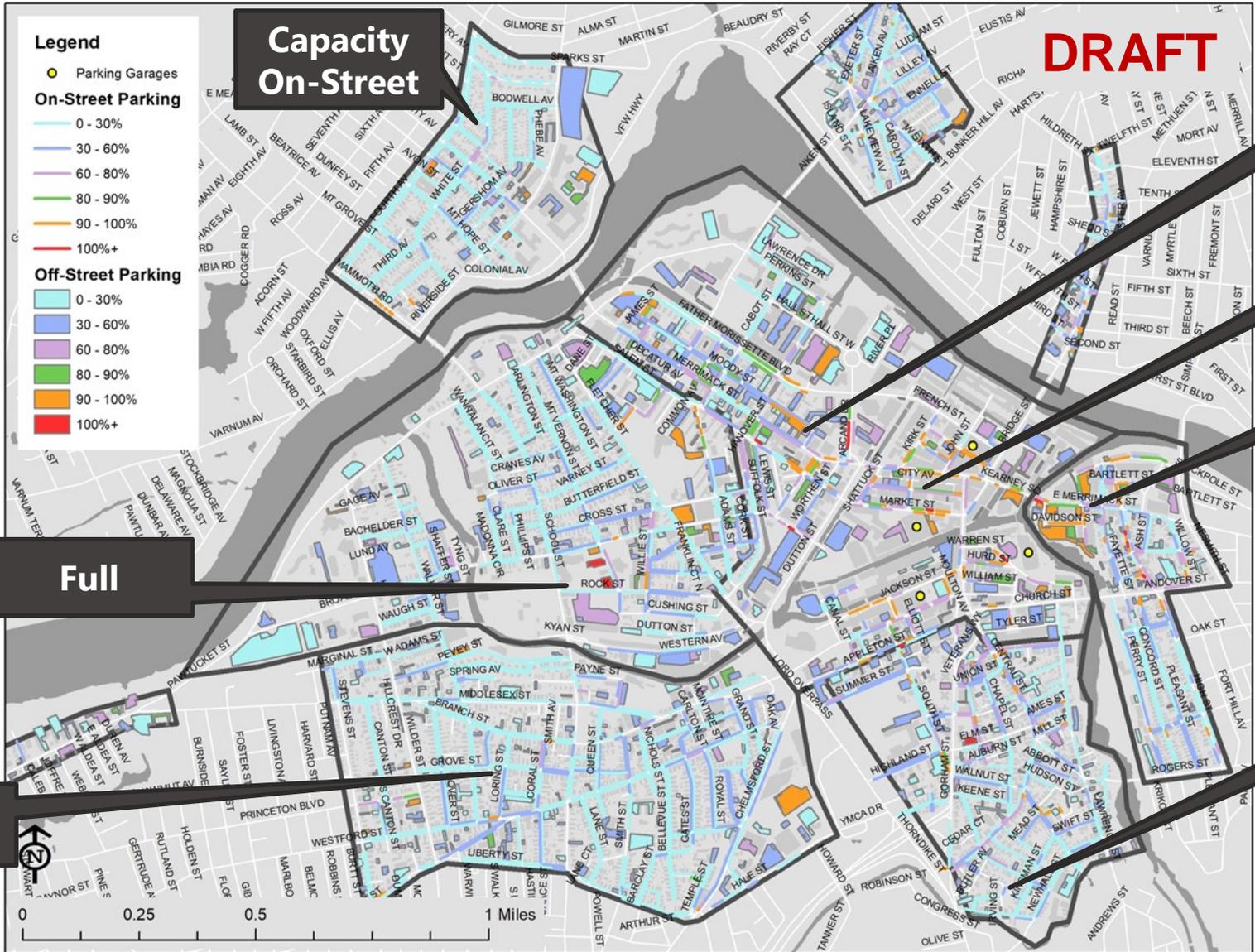
Note that parking counts do not include Hamilton Canal Innovation District Parking Structure



Study Area Parking Utilization



- Legend**
- Parking Garages
 - On-Street Parking**
 - 0 - 30%
 - 30 - 60%
 - 60 - 80%
 - 80 - 90%
 - 90 - 100%
 - 100%+
 - Off-Street Parking**
 - 0 - 30%
 - 30 - 60%
 - 60 - 80%
 - 80 - 90%
 - 90 - 100%
 - 100%+



DRAFT

Capacity On-Street

Busy

Busy

Busy

Full

Capacity On-Street

Capacity On-Street

Total Spaces = 47,064

Utilization = 15,808 (34%)

Counts from Tuesday, May 10, 2016 at 12 PM



Downtown Parking Inventory



14,923 Total Parking Spaces

7,391 Restricted Off-Street (Public and Private) Parking

5,451 Publicly Available Off-Street Parking

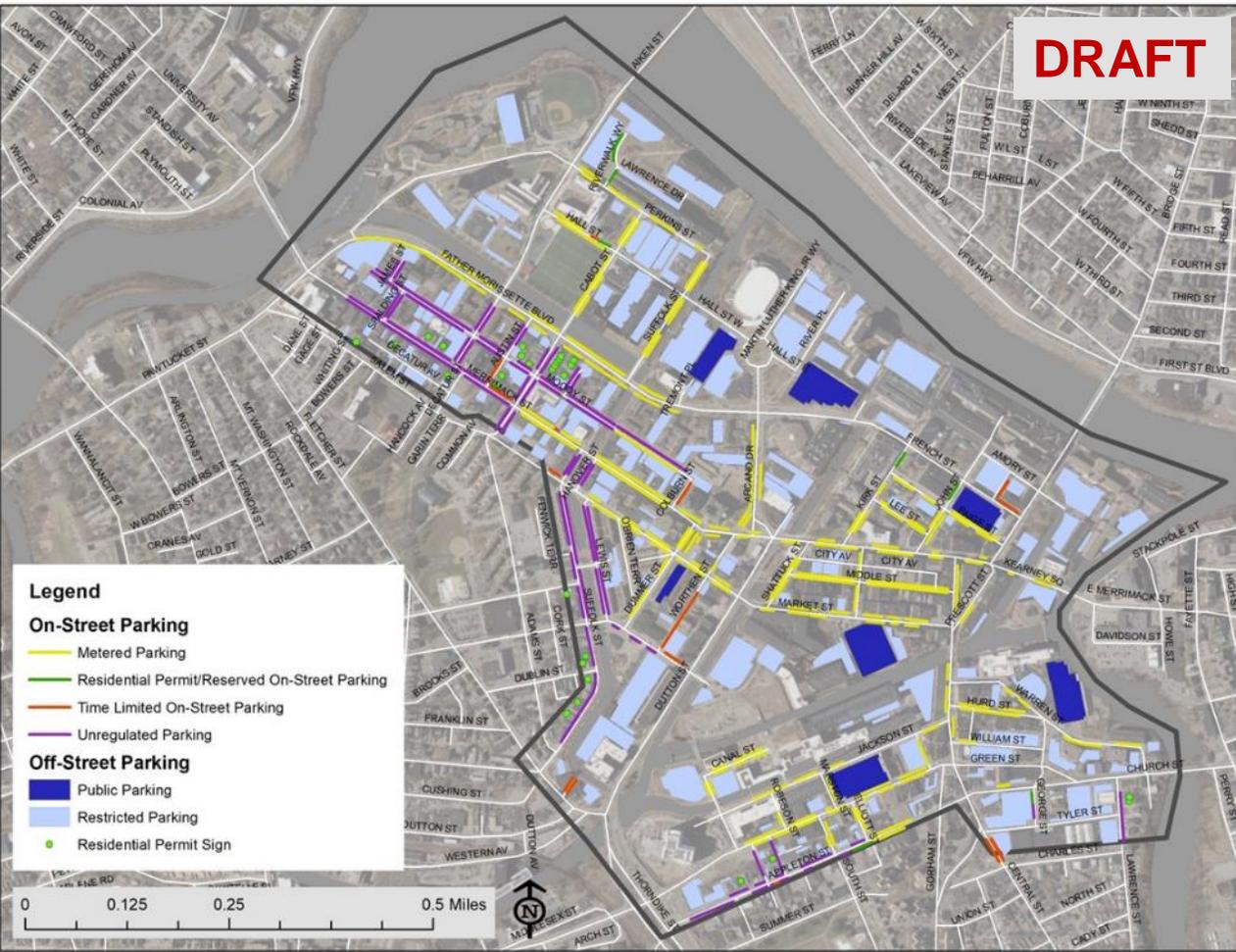
1,239 Metered On-Street Parking

100 Time Limited On-Street Parking

37 Residential Permit/Reserved On-Street Parking

23 Residential Placard Parking

682 Unregulated Parking



Note that parking counts do not include Hamilton Canal Innovation District Parking Structure



Downtown Utilization



DRAFT

Metered parking at UML has availability

Municipal lot busy, private lot has availability

Unregulated street parking has availability

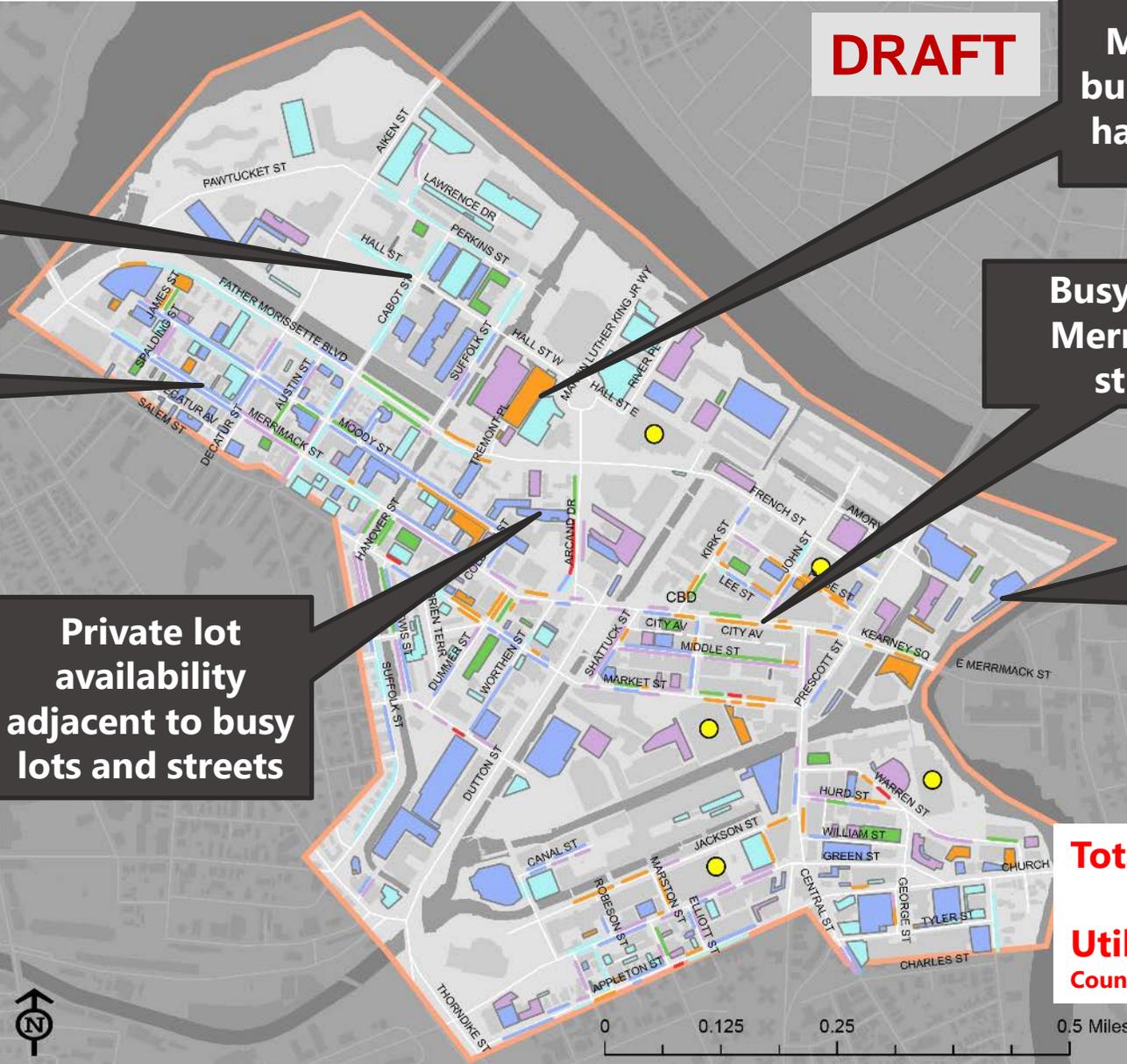
Busy along Merrimack street

Private lot availability adjacent to busy lots and streets

Private lot availability adjacent to busy lots and streets

Legend

- Parking Garages
- On-Street Parking**
 - 0 - 30%
 - 30 - 60%
 - 60 - 80%
 - 80 - 90%
 - 90 - 100%
 - 100%+
- Off-Street Parking**
 - 0 - 30%
 - 30 - 60%
 - 60 - 80%
 - 80 - 90%
 - 90 - 100%
 - 100%+

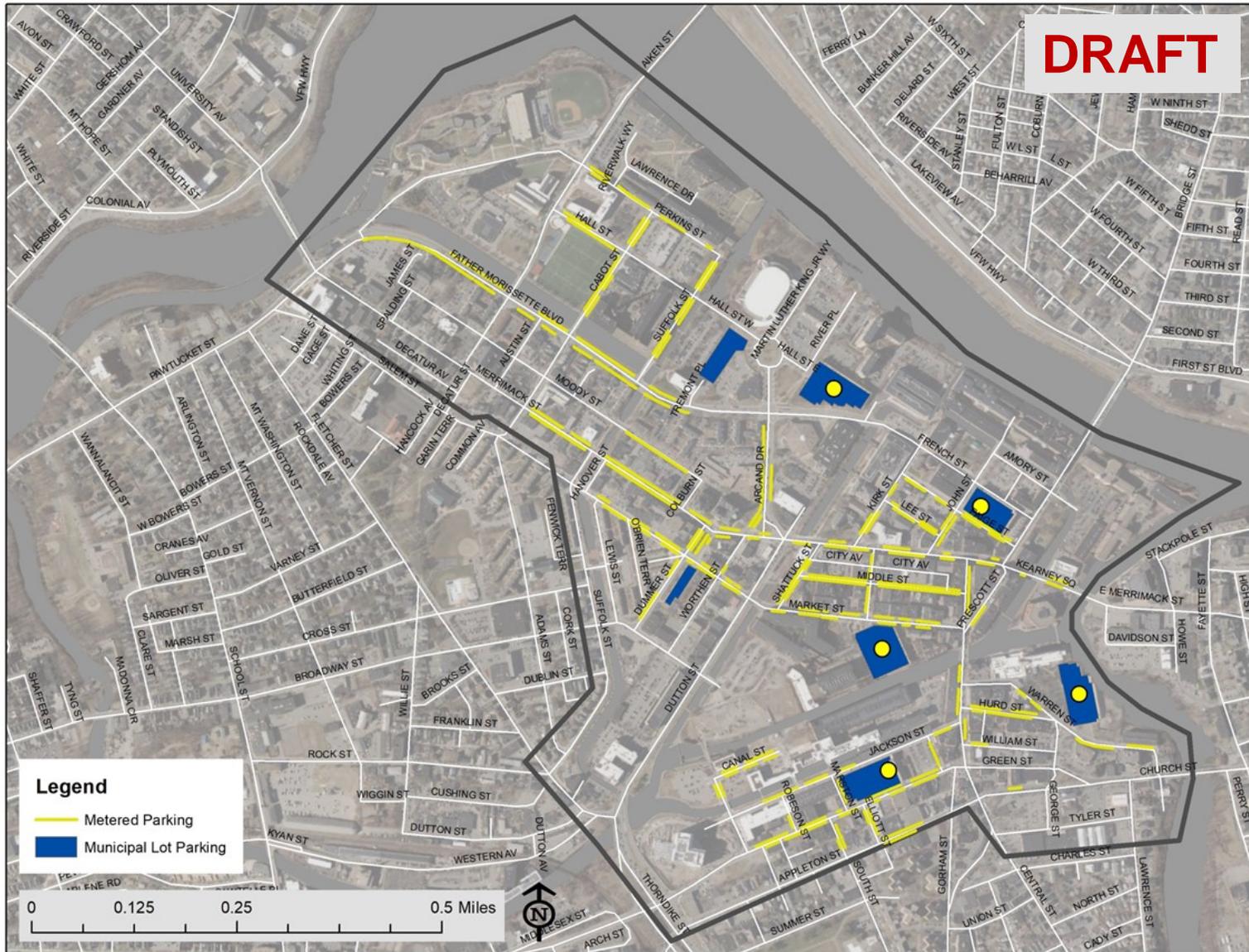


Total Spaces = 14,923

Utilization = 5,712 (38%)
Counts from Tuesday, May 10, 2016 at 12 PM



Downtown Parking Prices



Public Garages

- \$1.50 per hour up to 6 hours
- \$11 for 24 hours

Metered Spaces

- \$1.50 per hour up to 2 hours



Audience Polling Question #3



Typically, how close to your work destination do you park?
Select one.

- On site
- Right out front or on the same block
- One or two blocks away
- Three or more blocks away
- I don't drive to work
- I don't work in Lowell



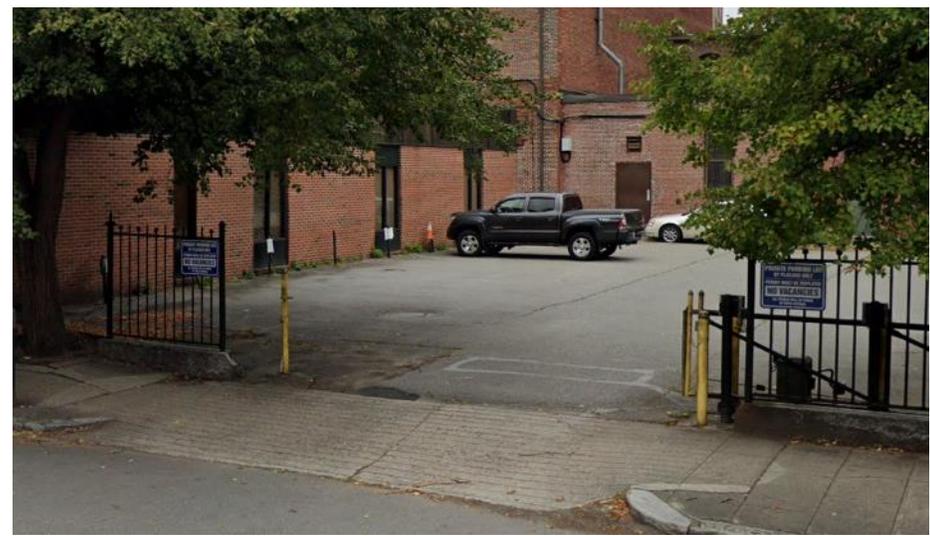
Restricted Off-Street Parking



Off-street parking that is reserved for a private use, such as:

- **Housing**
- **Business**
- **Retail**

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Total Spaces = 26,395

Utilization = 9,743 (37%)

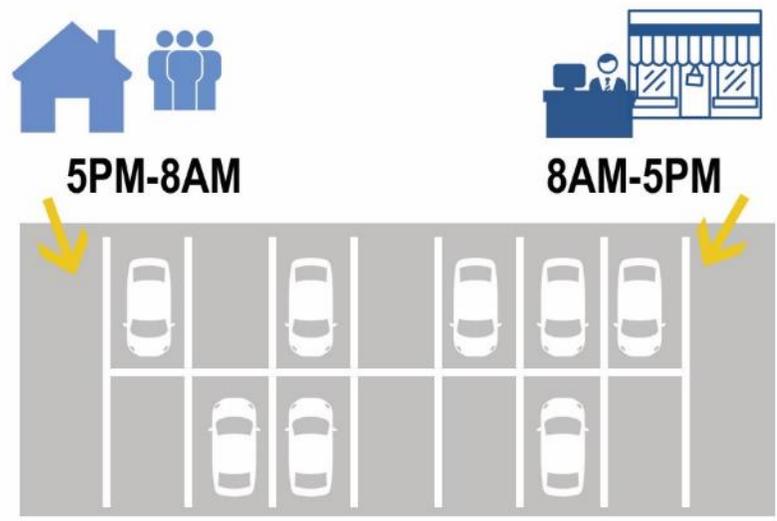
Counts from Tuesday, May 10, 2016 at 12 PM



Restricted Off-Street Parking



- **Shared parking:**
 - **Fills up unused spaces**
 - **Creates parking without new construction**
 - **Creates local revenue**



25 Square Feet



72 Square Feet

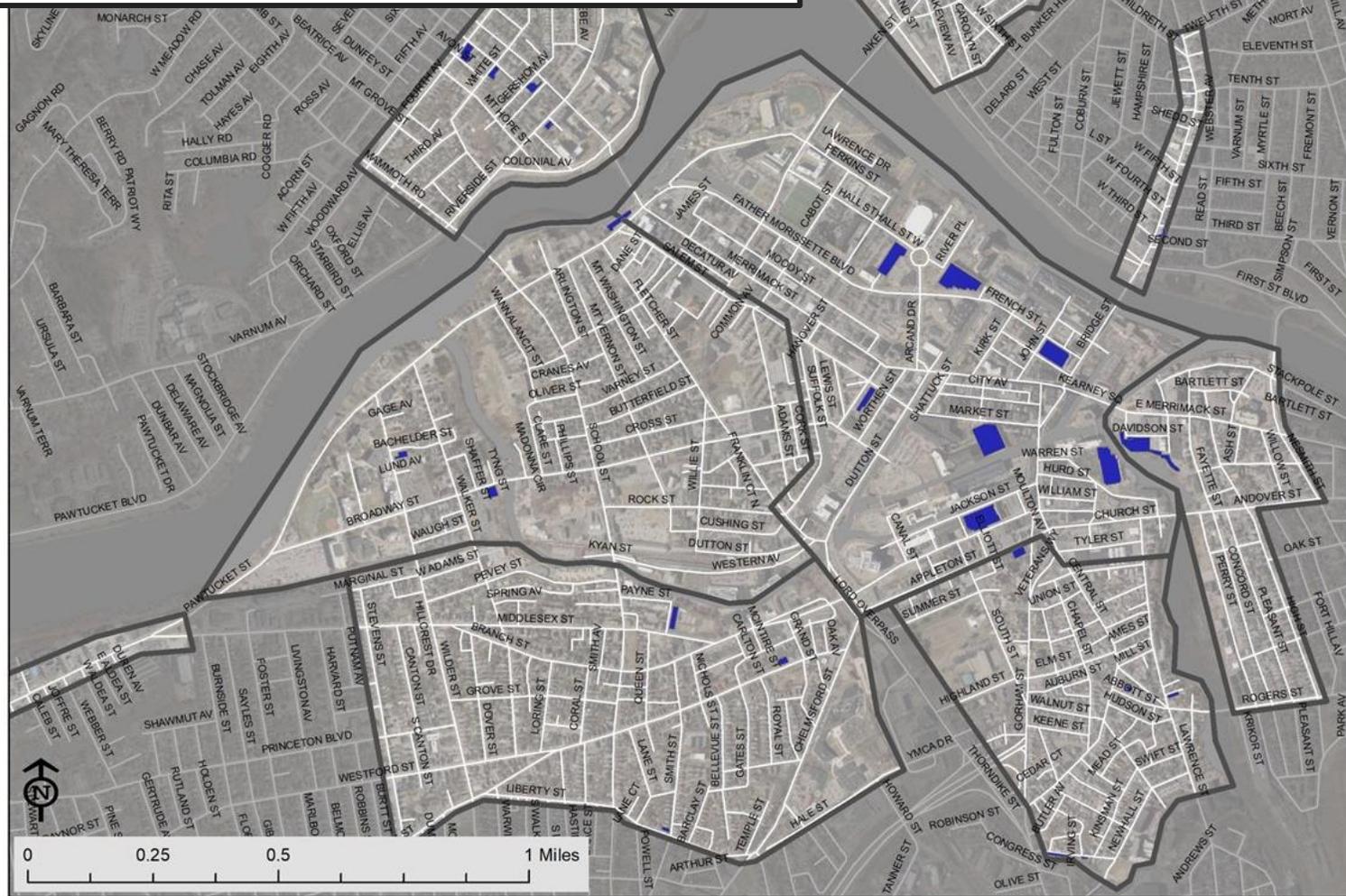


200 Square Feet



Off-street parking that is open to the public for any purpose

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Total Spaces = 6,029

Utilization = 1,825 (30%)
 Counts from Tuesday, May 10, 2016 at 12P
 and Wednesday, December 16, 2020



Publicly Available Off-Street Parking



- **Ensure City's investment is not wasted**
- **Reduce development costs**
- **Repurpose on-street spaces**
 - **Outdoor dining**
 - **Pedestrian space**





Metered On-Street Parking



On-street parking that requires payment at a meter

- Legend**
- On-Street Parking
 - Metered Parking
 - Parking Kiosks



Total Spaces = 1,346

Utilization = 790 (59%)

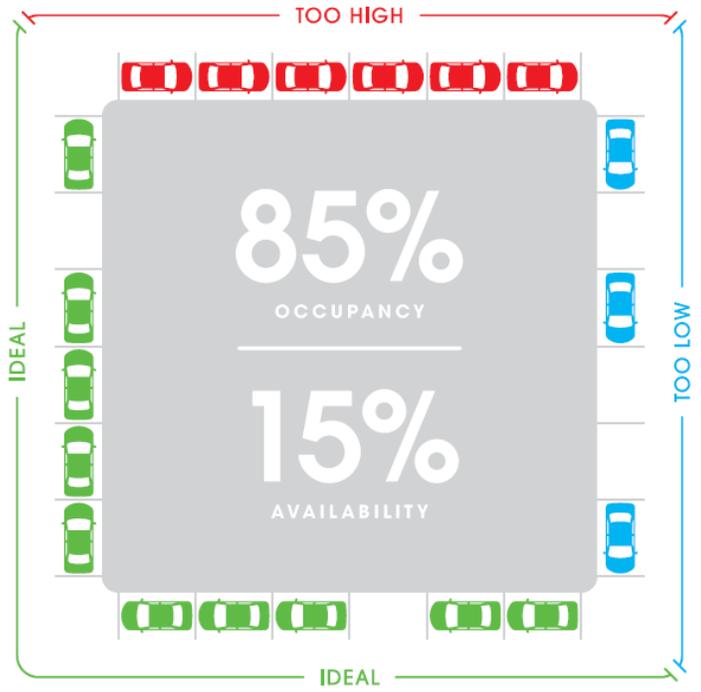
Counts from Tuesday, May 10, 2016 at 12 PM



Metered On-Street Parking



- Pricing creates front door availability
- Time restrictions are not flexible
- Should be less expensive further from destination
- Make system more *user-friendly*



Busy along Merrimack street



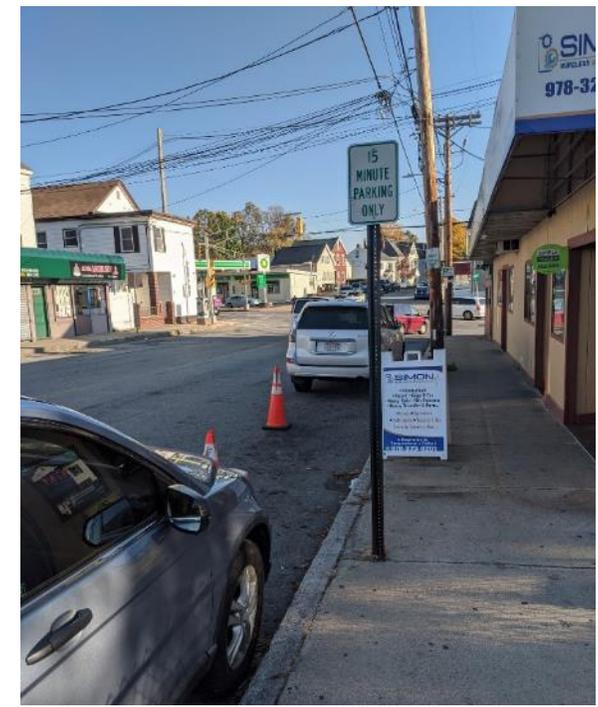


Time Limited On-Street Parking



On-street parking that is free, but limits the time a vehicle can be parked

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- Time restrictions only work for some of users
- Turnover is not the goal; chasing away visitors hurts the community
 - Availability is what matters

Total Spaces = 674

Utilization = 286 (42%)

Counts from Tuesday, May 10, 2016 at 12 PM



Residential Permit/Reserved On-Street Parking



On-street parking that is reserved for a specific kind of user

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- Reserved spaces only benefit one user
- Space wasted when car is not there

Total Spaces = 2,507

Utilization = 402 (16%)
Counts from Tuesday, May 10, 2016 at 12 PM



Unregulated On-Street Parking



On-street parking that has no time, cost, or user regulations

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Total Spaces = 10,113

Utilization = 2,762 (27%)

Counts from Tuesday, May 10, 2016 at 12 PM



Audience Polling Question #4



Typically, how close to your home destination do you park? Select one.

- In my driveway
- Right out front (on the street or in a parking lot)
- On the same block
- One or two blocks away
- Three or more blocks away
- I don't have a car
- I don't live in Lowell



LOWELL PARKING STUDY



Next Steps





Finish Downtown Parking Profile

Conduct Operations Evaluation of Parking System

Infrastructure Conditions

Financial Management

Finish Residential Parking Assessment

“Hot Spot” Analysis

Permit Program Evaluation

Recommendations

Final Parking Plan



Neighborhood Meetings – February

Neighborhood-Level Findings

Public Meeting #2 – Mid Spring

Draft Parking Plan

Final Parking Plan – Early Summer

Final Parking Plan



Webpage	Link
Project Website and Survey Links	www.lowellma.gov/parkingstudy
Project Email	parkingstudy@lowellma.gov
Facebook Page	https://www.facebook.com/GoLowell/



Date/Time	Neighborhood
February 10 6:30 PM	Belvidere/South Lowell/Sacred Heart
February 11 6:30 PM	Downtown/JAMBRA
February 24 6:30 PM	Pawtucketville/Centralville
February 25 6:30 PM	Back Central/Acre/Highlands

Register at www.lowellma.gov/parkingstudy



LOWELL PARKING STUDY



Questions and Answers

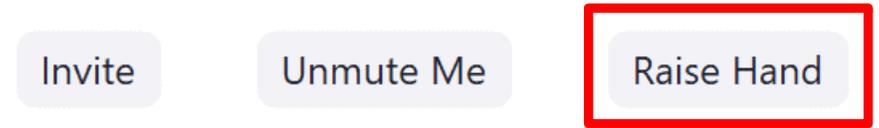
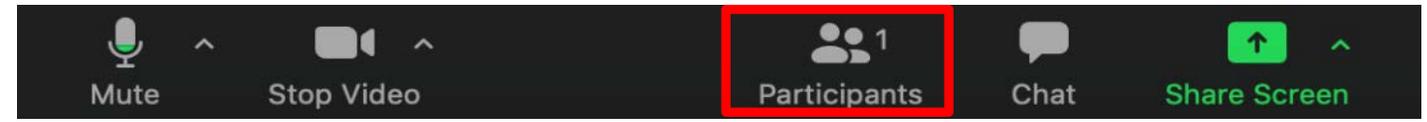




If you have a question, please use the Raise Hand feature.

To access the Raise Hand button, click on the Participants button.

After you raise your hand by clicking the Raise Hand button at the bottom of the Participants panel, please wait to be recognized before unmuting yourself and speaking.





Questions and Answers



Align parking standards with economic development goals



Improve the parking experience



Adjust parking pricing to better manage demand and system costs



Incentivize greater use of City's parking garages



Update parking system to reflect citywide goals



Reduce parking congestion and promote parking availability



Streamline the City's residential parking programs



Determine future parking needs to support growth in Downtown

Webpage	Link
Project Website and Survey Links	www.lowellma.gov/parkingstudy
Project Email	parkingstudy@lowellma.gov
Facebook Page	https://www.facebook.com/GoLowell/

Date/Time	Neighborhood
February 10 6:30 PM	Belvidere/South Lowell/Sacred Heart
February 11 6:30 PM	Downtown/JAMBRA
February 24 6:30 PM	Pawtucketville/Centralville
February 25 6:30 PM	Back Central/Acre/Highlands



LOWELL PARKING STUDY



Downtown

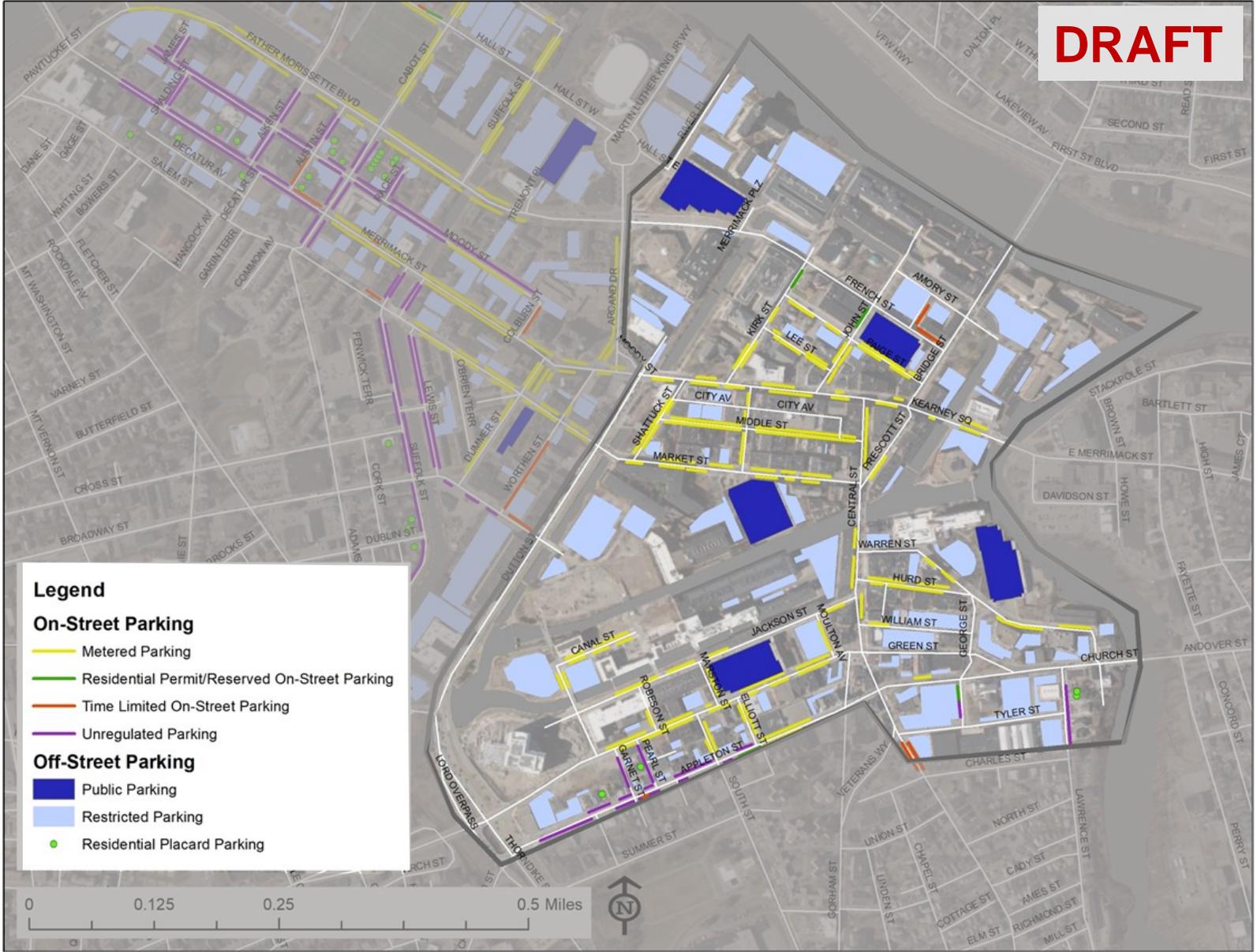




Parking Inventory



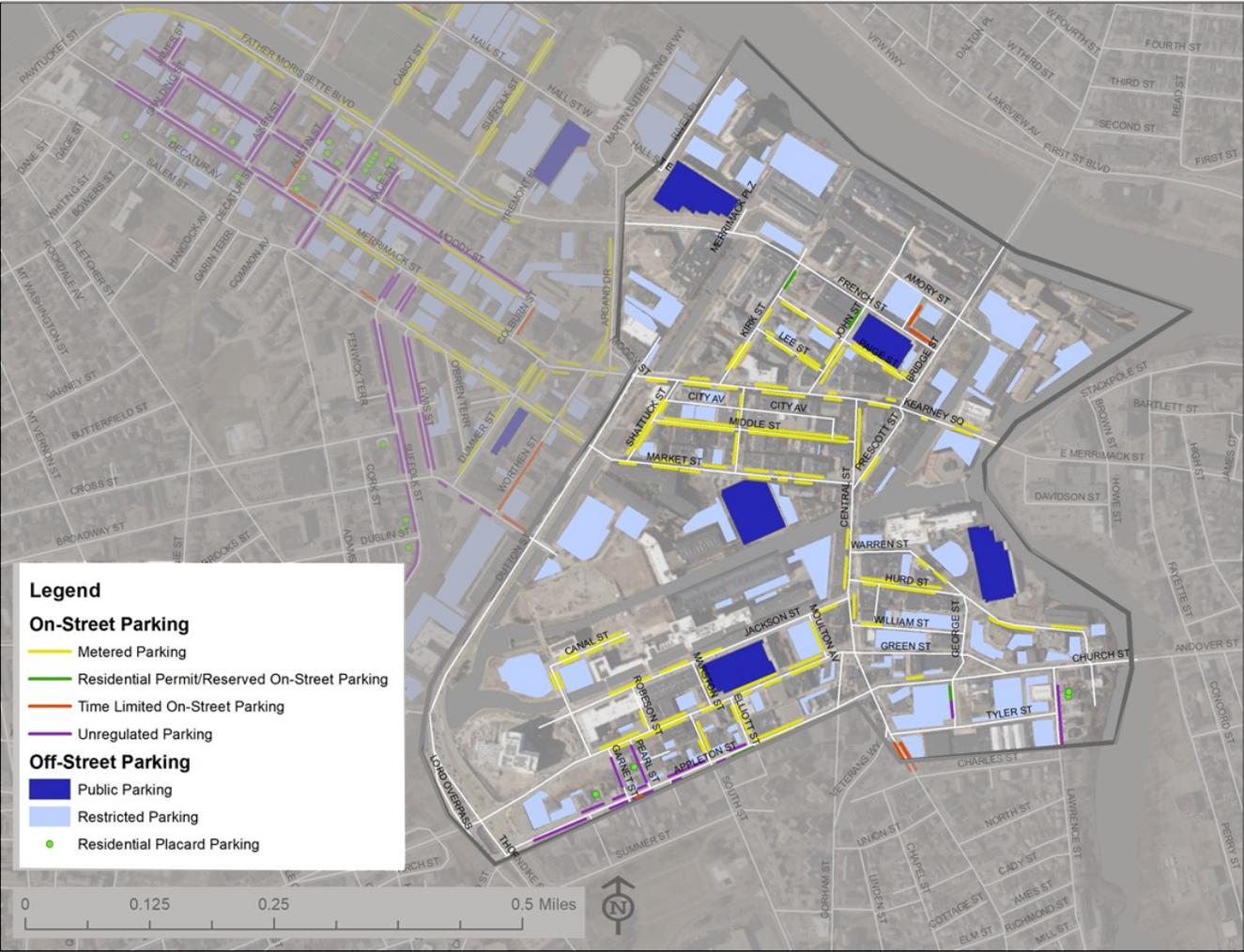
DRAFT



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Parking Inventory



9,244 Total Parking Spaces

3,193 Restricted Off-Street
(Public and Private) Parking

5,266 Publicly Available
Off-Street Parking

651 Metered On-Street Parking

29 Time Limited On-Street
Parking

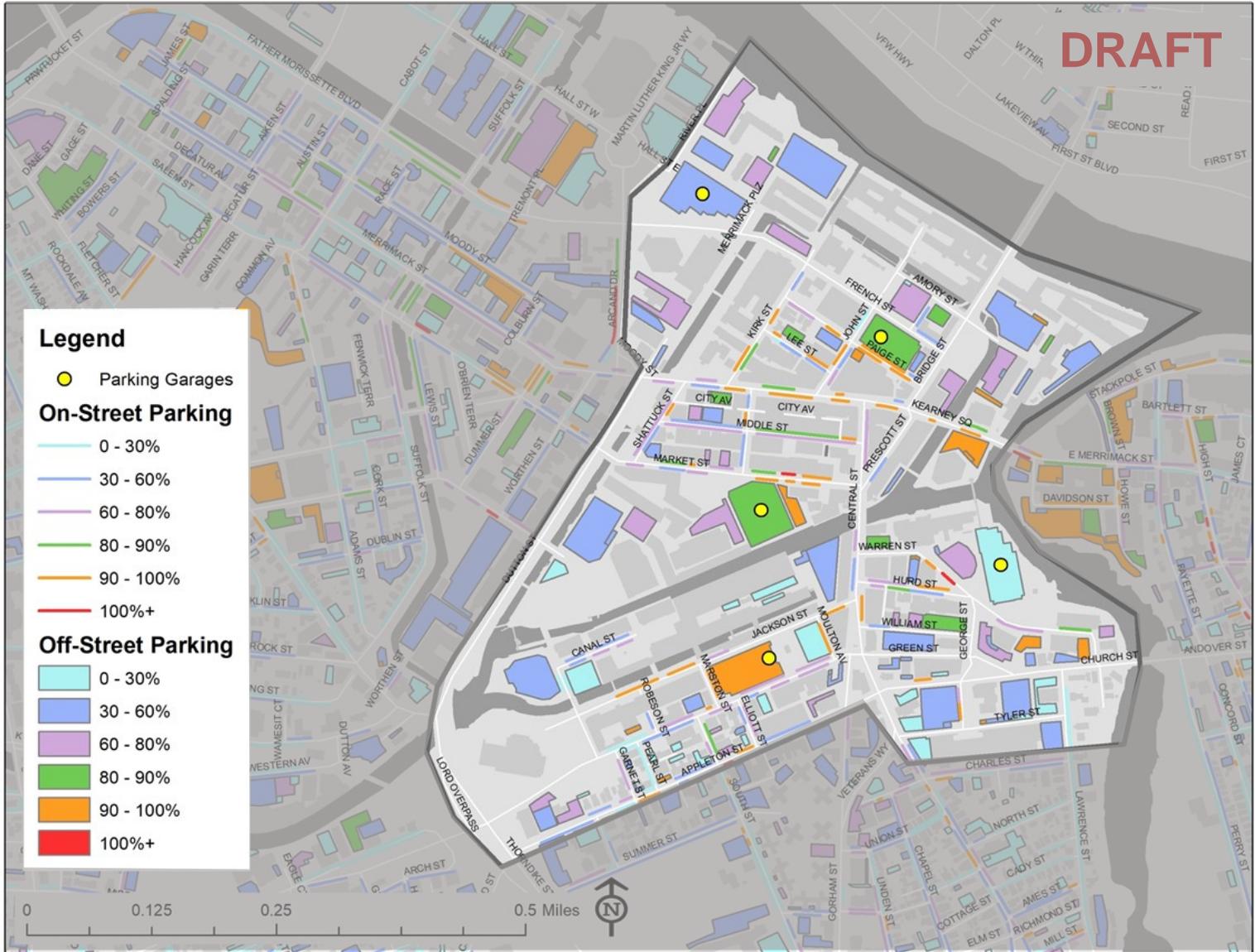
20 Residential Permit/Reserved On-Street Parking

4 Residential Placard Parking

81 Unregulated Parking



Parking Utilization: Midday

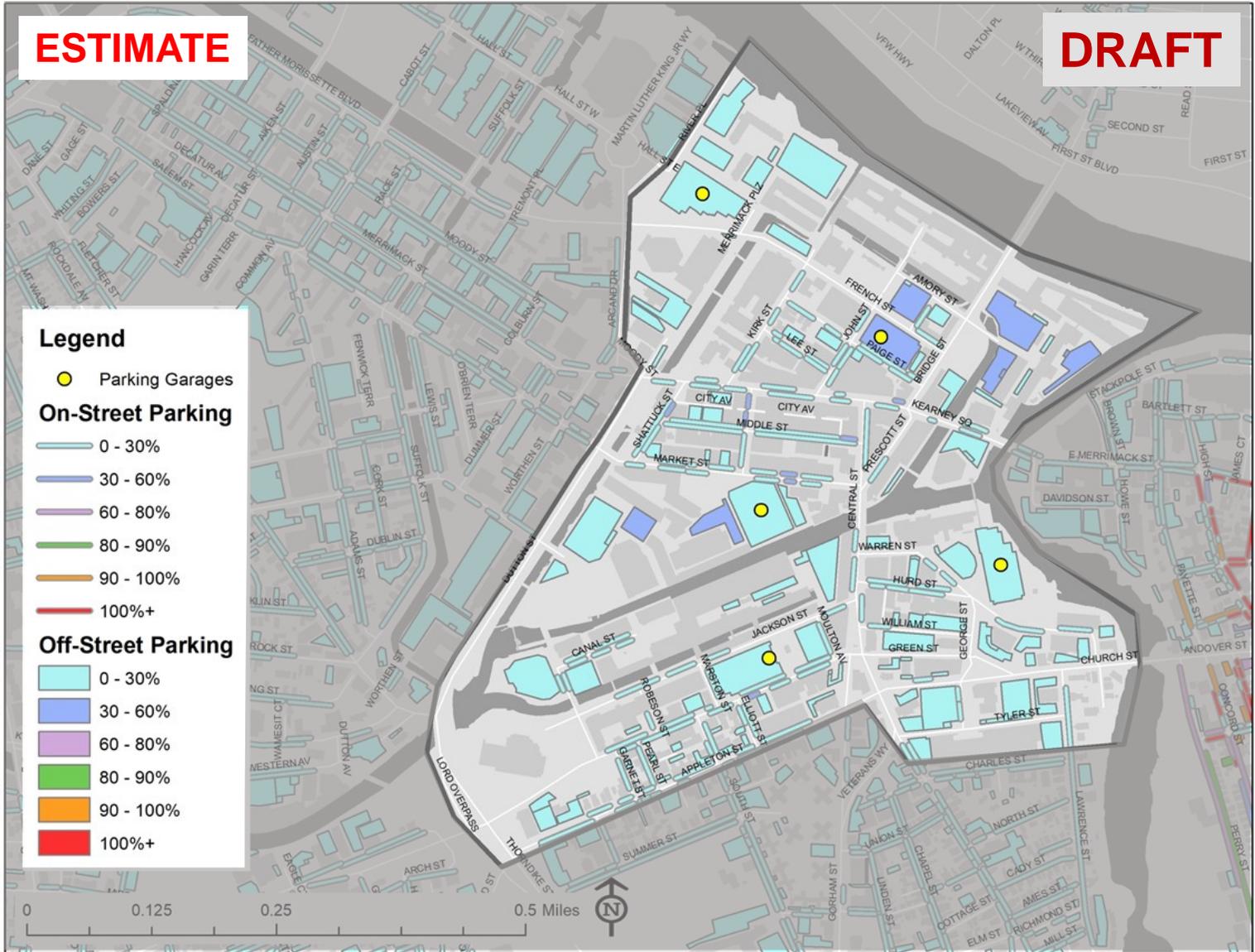


Total Spaces = 9,244
Utilization = 5,109 (55%)
 Counts from Tuesday, May 10, 2016 at 12 PM

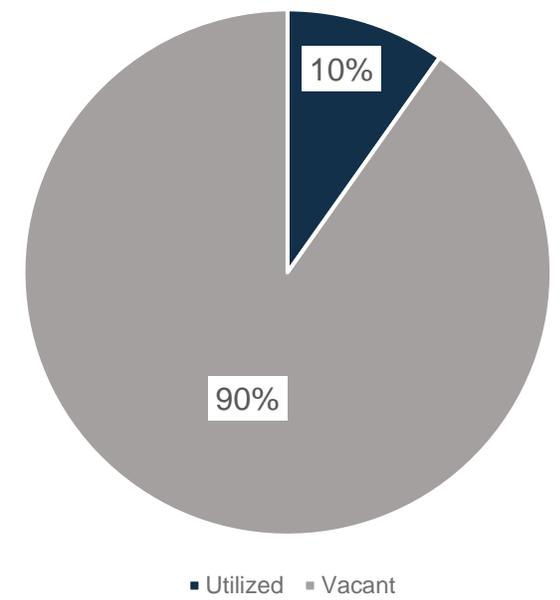
DRAFT



Estimated Parking Utilization: Late Evening/Early Morning



Overnight Utilization



Total Spaces = 9,244
Estimated Utilization = 904 (9.78%)
 Overnight estimate from Tuesday, May 10, 2016



LOWELL PARKING STUDY

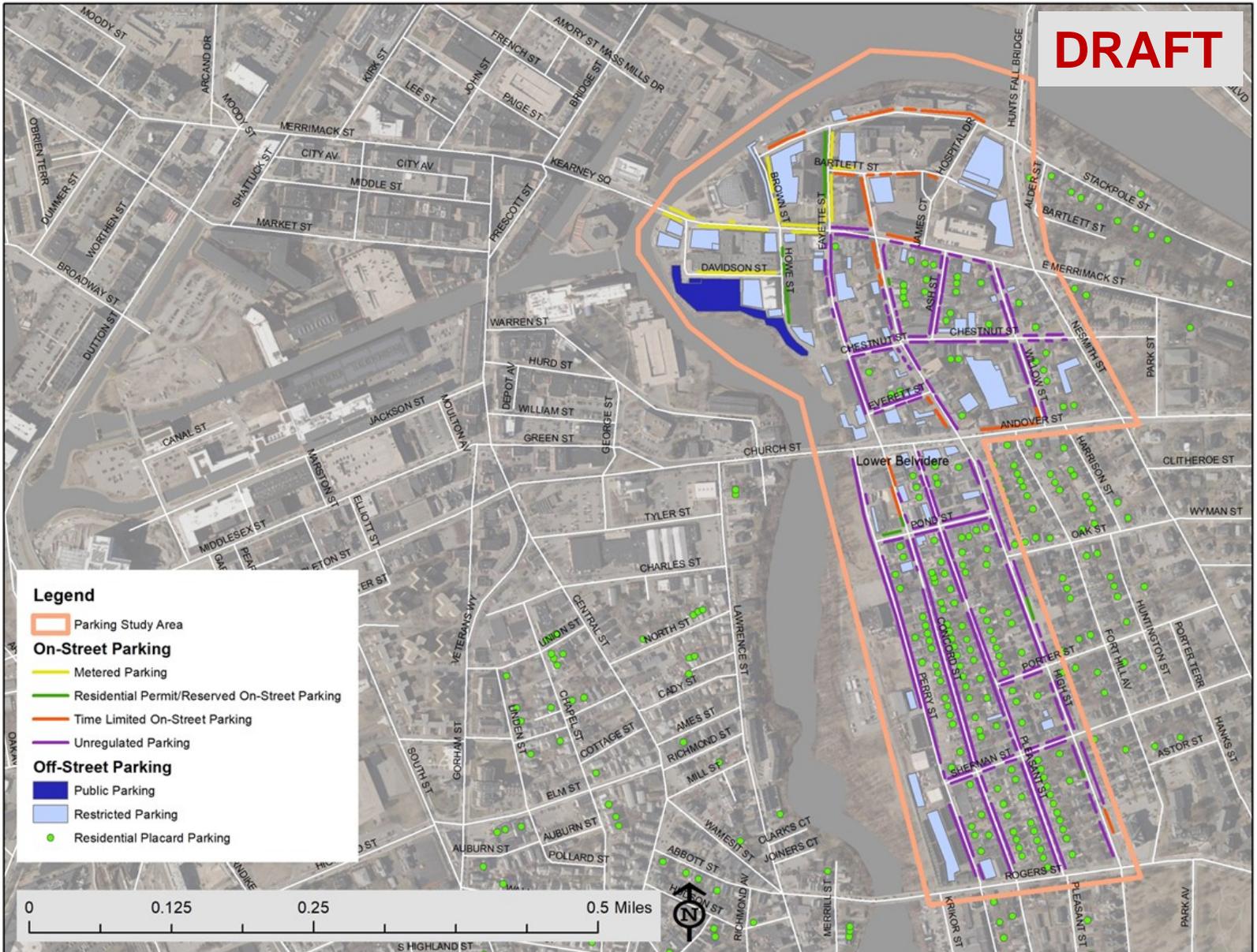


Lower Belvidere



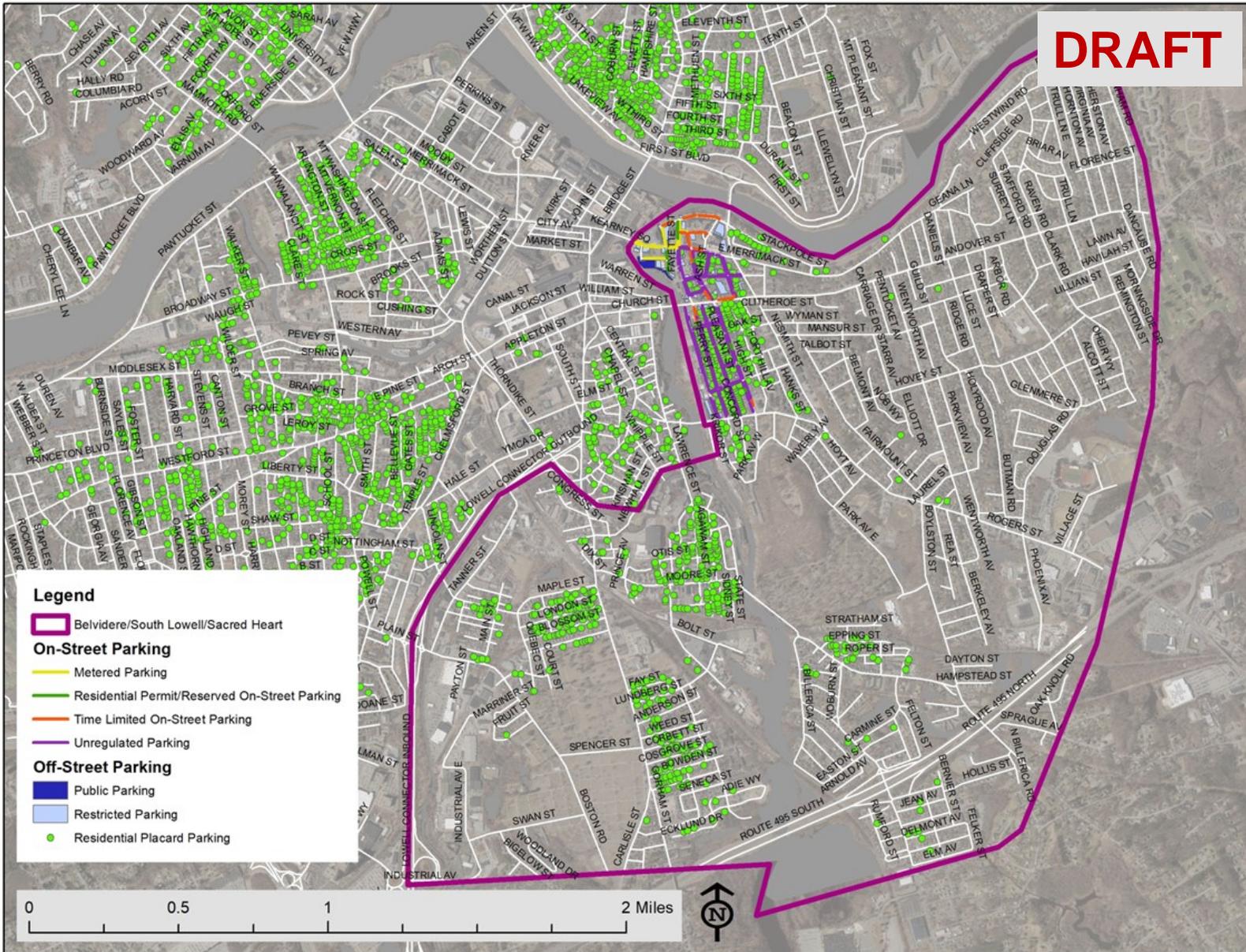


Parking Inventory





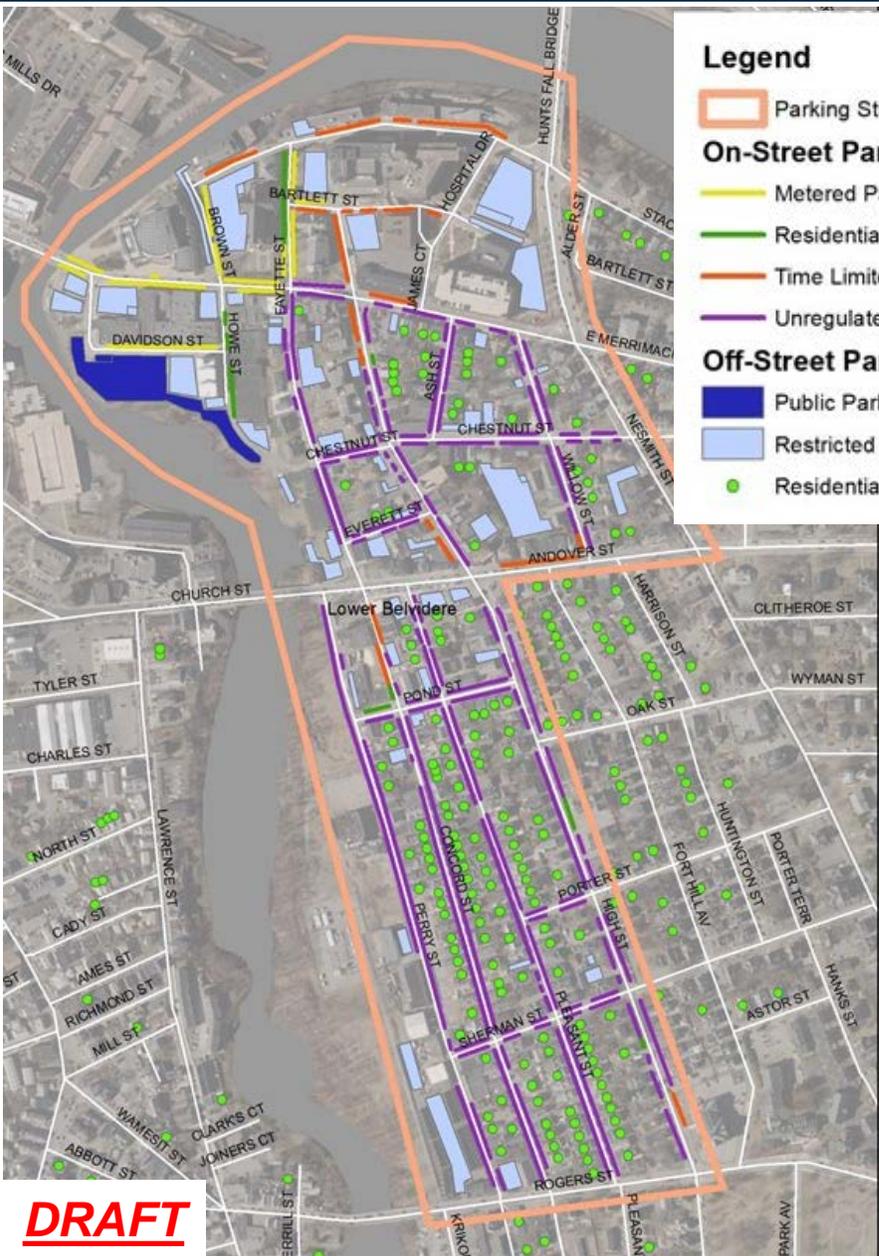
Parking Inventory



DRAFT



Parking Inventory



Legend

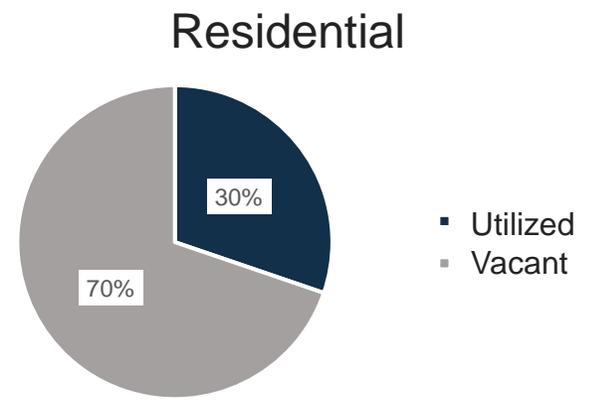
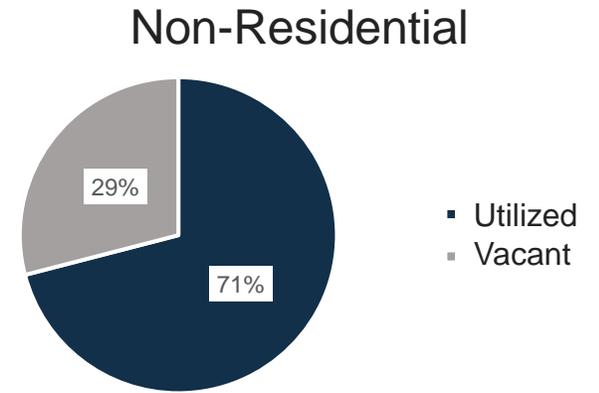
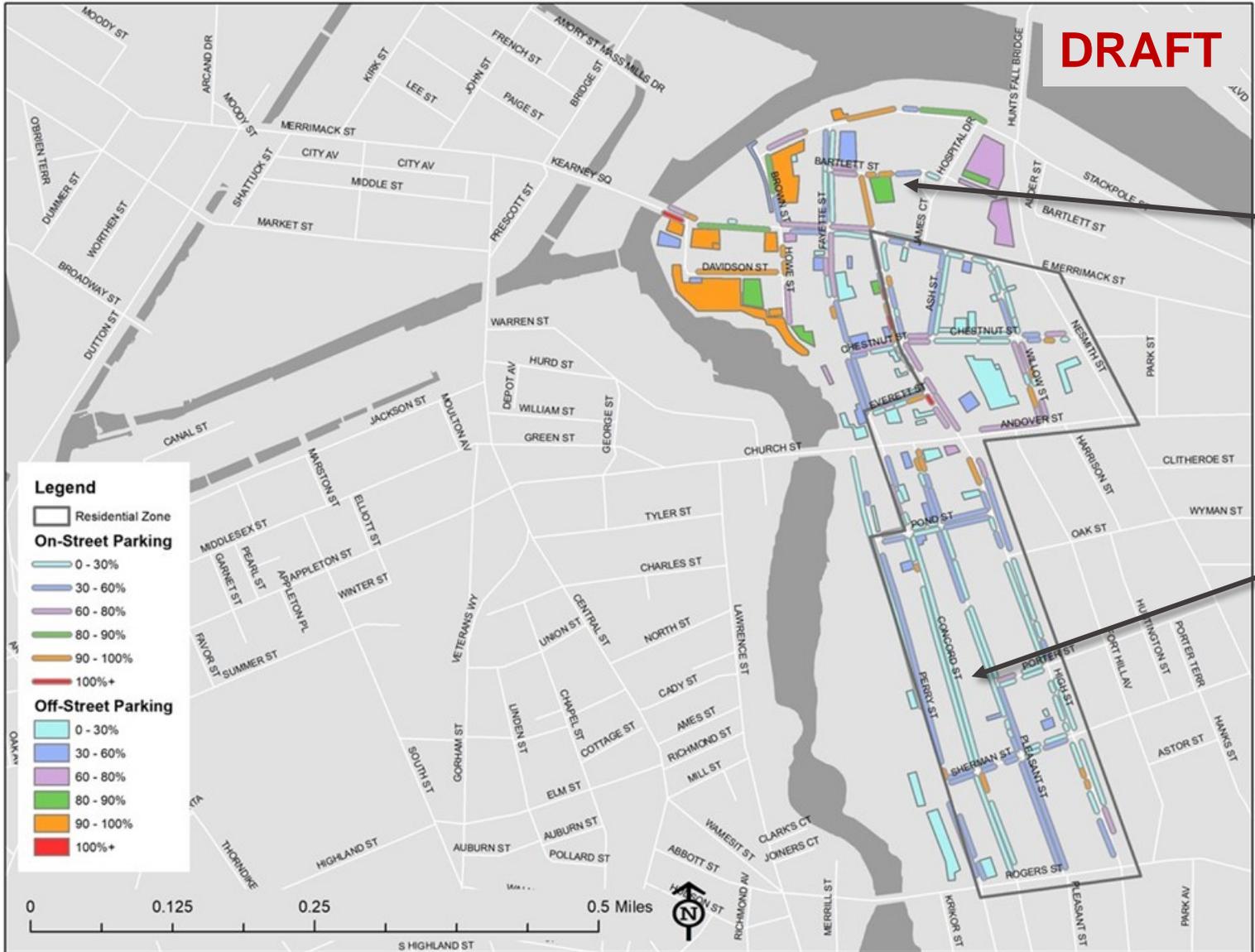
- Parking Study Area
- On-Street Parking**
- Metered Parking
- Residential Permit/Reserved On-Street Parking
- Time Limited On-Street Parking
- Unregulated Parking
- Off-Street Parking**
- Public Parking
- Restricted Parking
- Residential Placard Parking

2,442	Total Parking Spaces
1,084	Restricted Off-Street (Public and Private) Parking
200	Publicly Available Off-Street Parking
97	Metered On-Street Parking
118	Time Limited On-Street Parking
38	Residential Permit/Reserved On-Street Parking
160	Residential Placard Parking (Belvidere/S. Lowell/Sacred Heart = 642)
745	Unregulated Parking

DRAFT



Parking Utilization: Midday

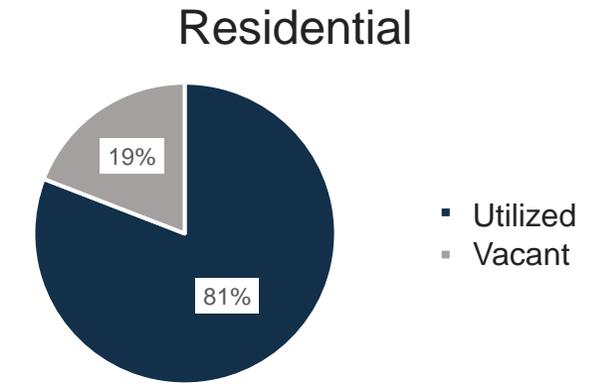
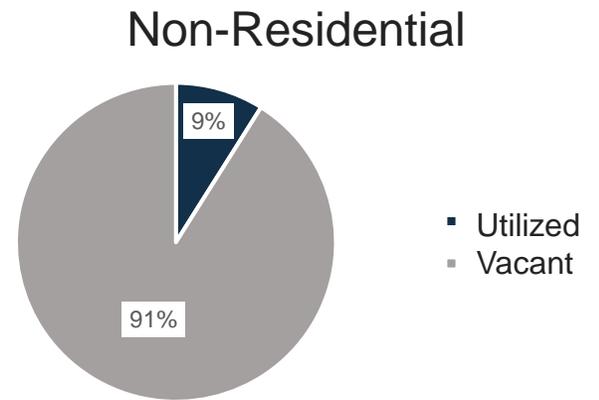
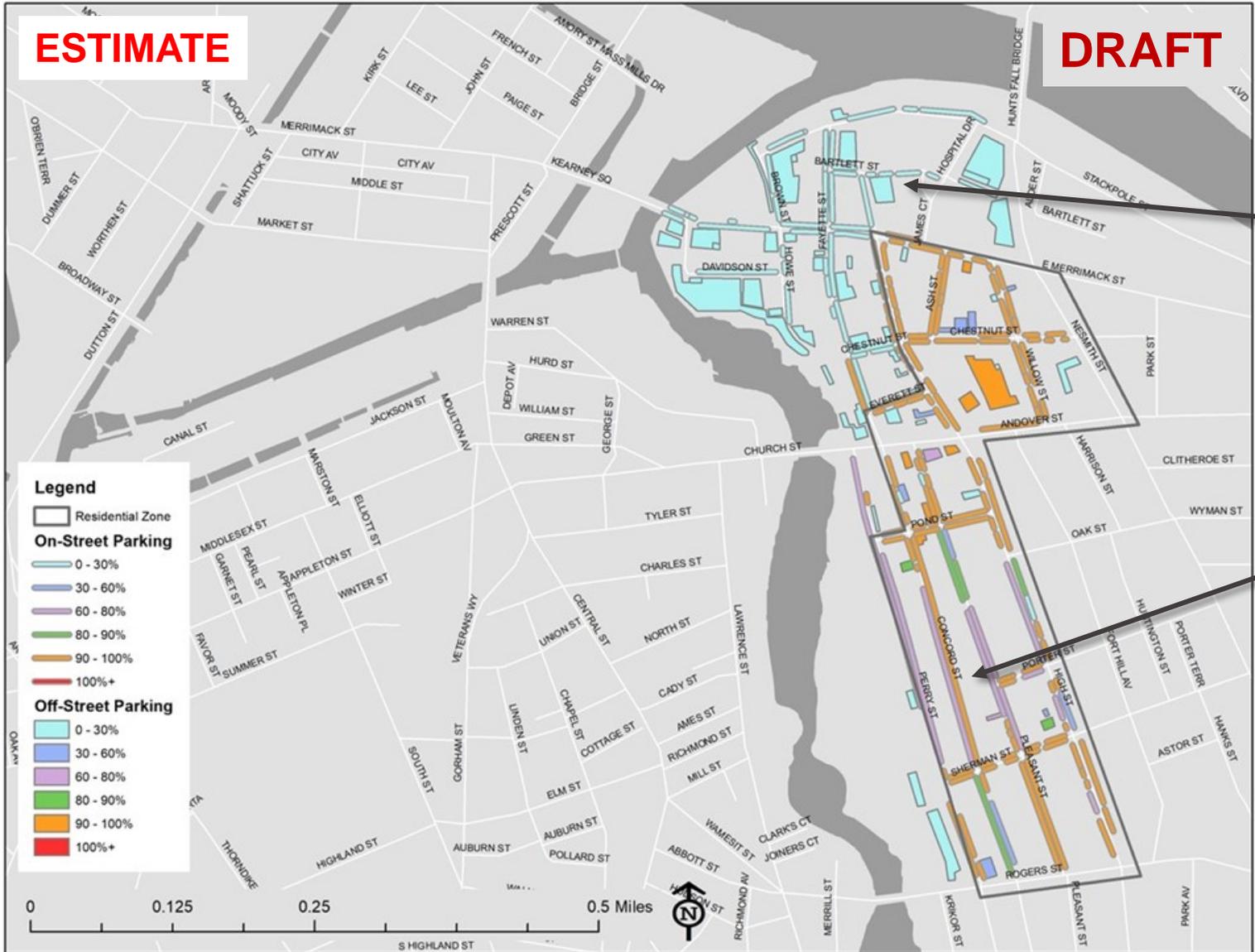


Total Spaces = 2,442
Utilization = 1,246 (51%)
 Counts from Tuesday, May 10, 2016 at 12 PM

DRAFT



Estimated Parking Utilization: Late Evening/Early Morning



Total Spaces = 2,442
Estimated Utilization = 1,081 (44%)
 Overnight estimate from Tuesday, May 10, 2016



LOWELL PARKING STUDY

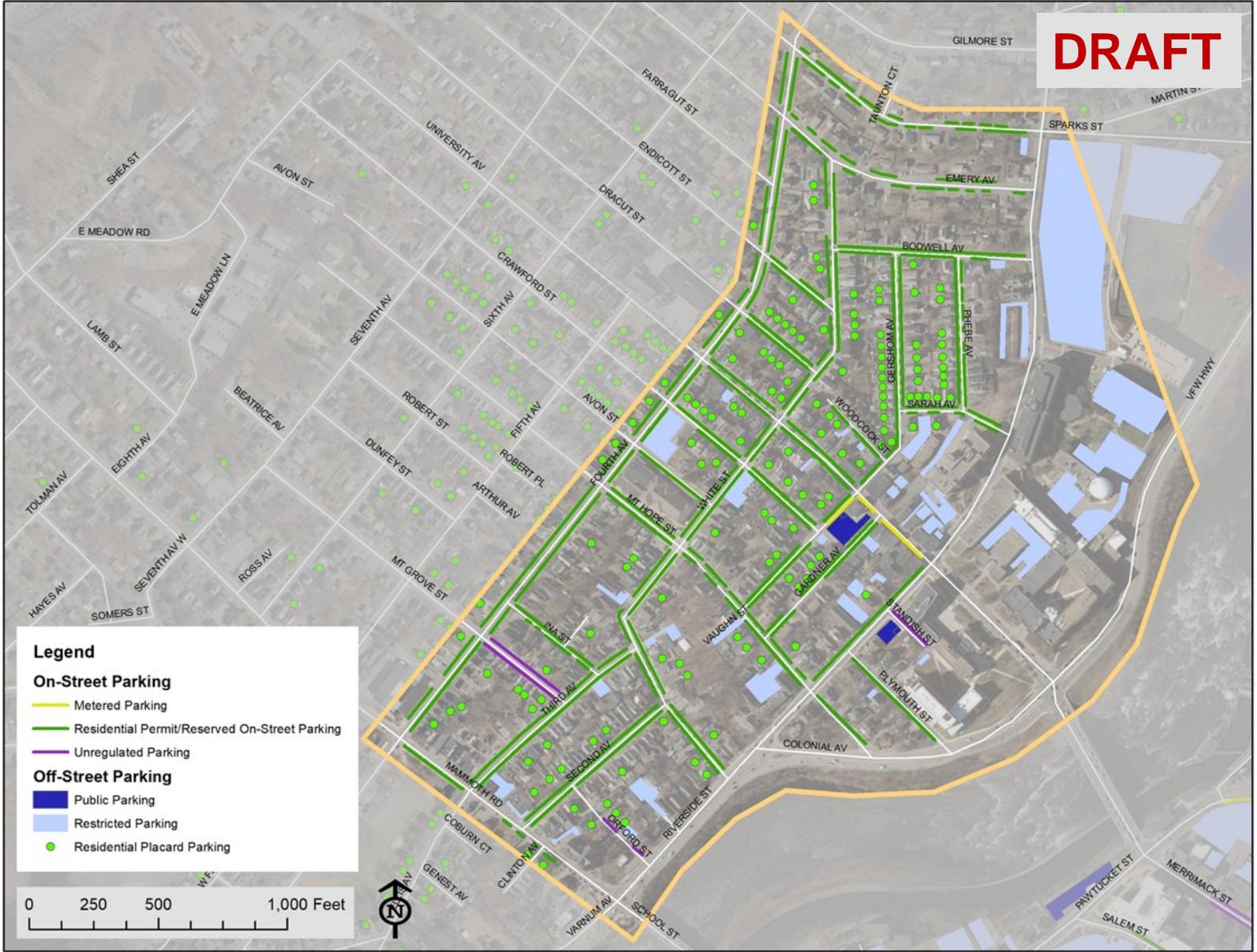


Pawtucketville





Pawtucketville Parking Inventory



DRAFT



Pawtucketville Parking Inventory



3,660 Total Parking Spaces

2,184 Restricted Off-Street
(Public and Private) Parking

54 Publicly Available
Off-Street Parking

20 Metered On-Street Parking

0 Time Limited On-Street
Parking

1,355 Residential Permit/Reserved On-Street Parking

154 Residential Placard Parking

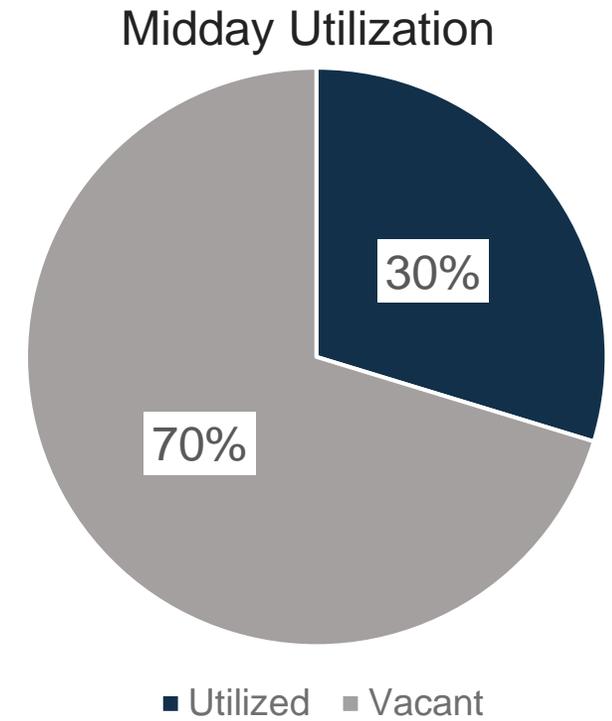
47 Unregulated Parking



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Pawtucketville Parking Utilization: Midday

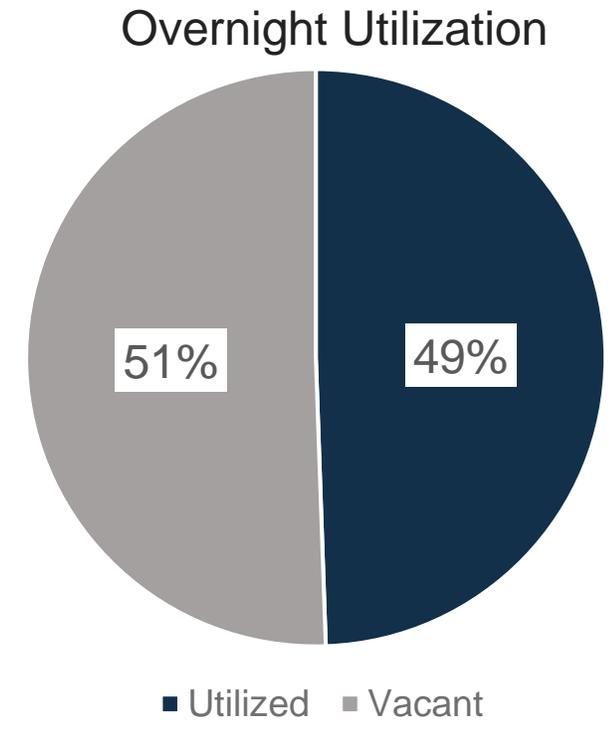
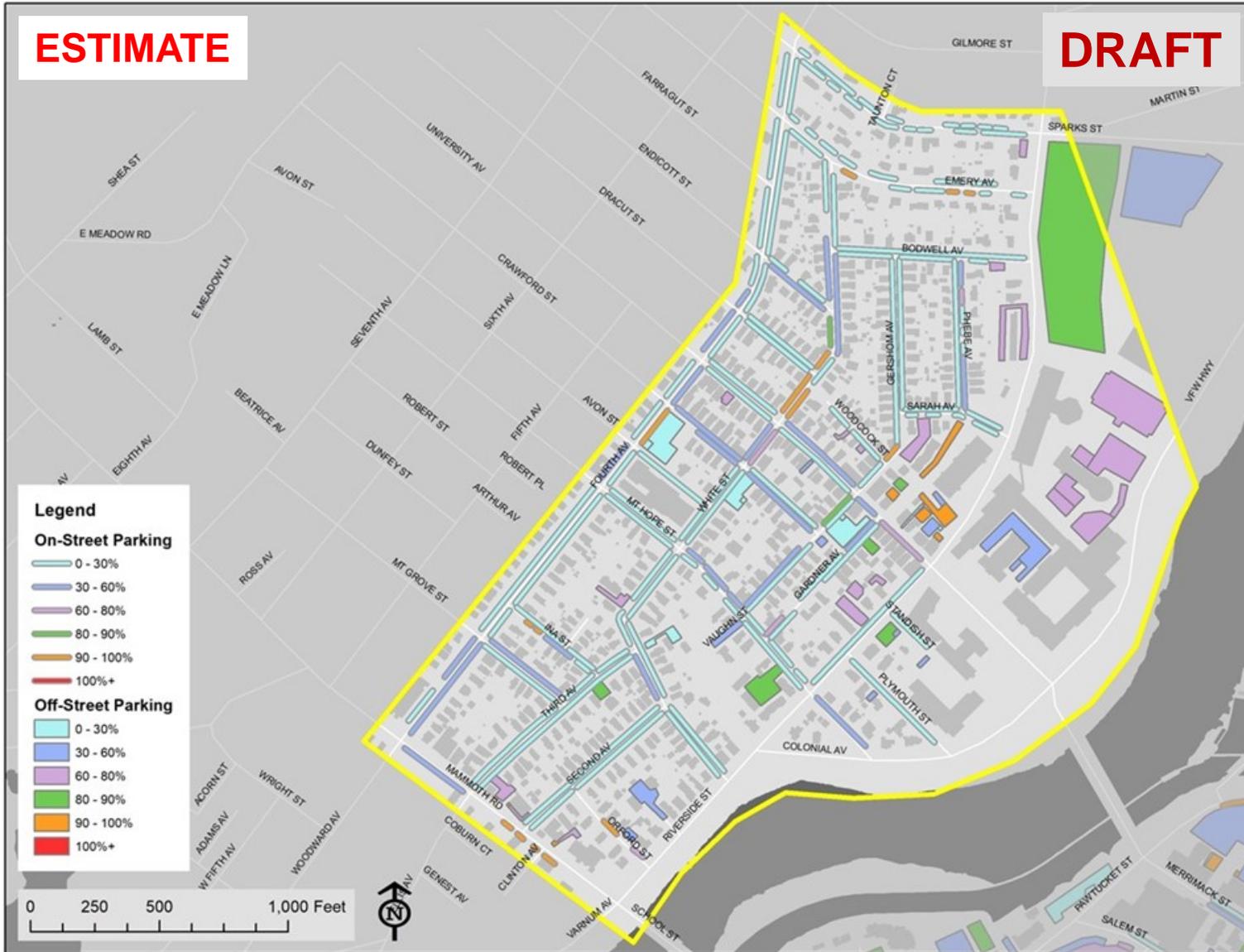


Total Spaces = 3,660
Utilization = 1,088 (30%)
 Counts from Tuesday, May 10, 2016 at 12 PM

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Estimated Parking Utilization: Late Evening/Early Morning



Total Spaces = 3,660
Estimated Utilization = 1,810 (49%)
 Overnight estimate from Tuesday, May 10, 2016

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LOWELL PARKING STUDY



Centralville

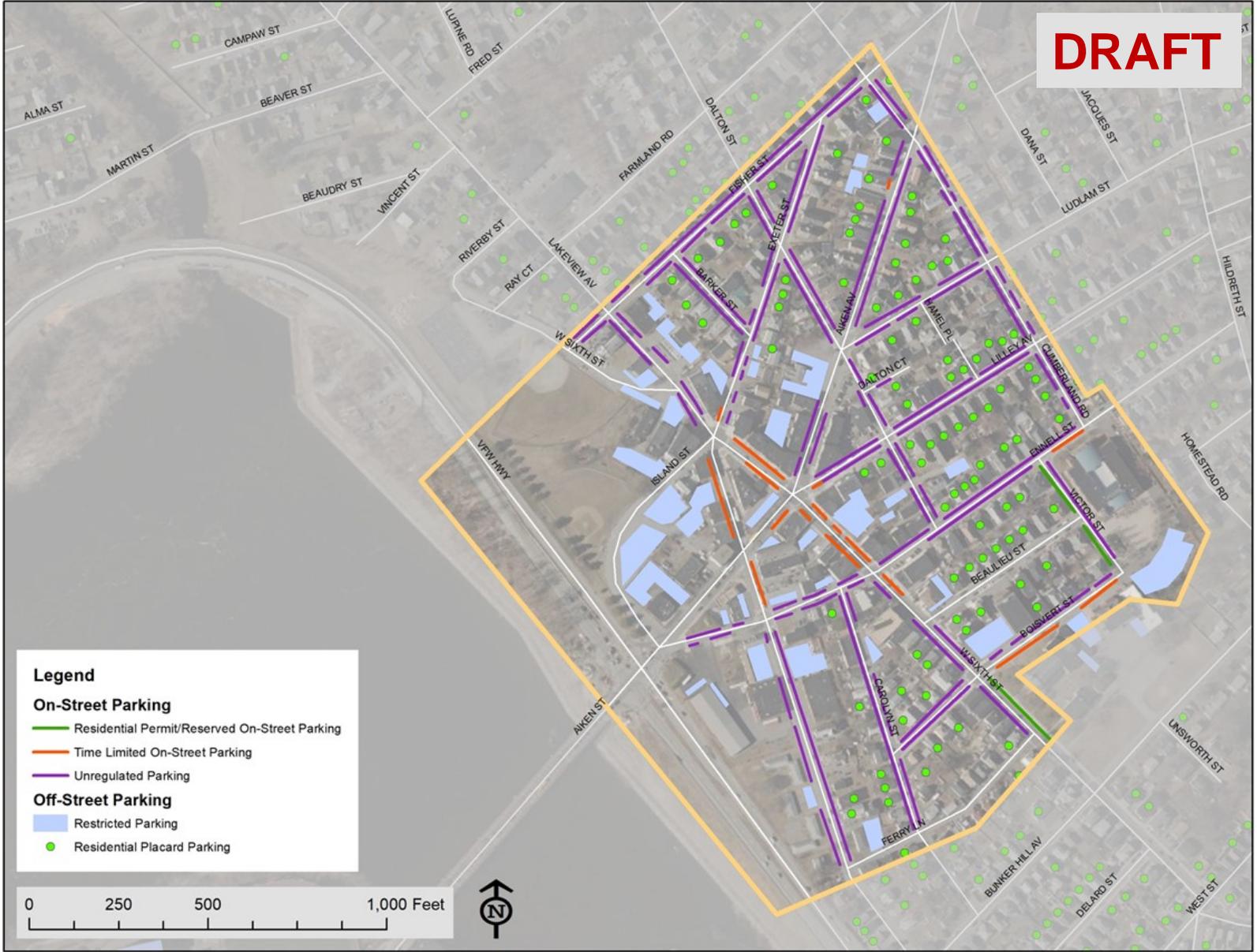




Centralville Parking Inventory



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Legend

On-Street Parking

- Residential Permit/Reserved On-Street Parking
- Time Limited On-Street Parking
- Unregulated Parking

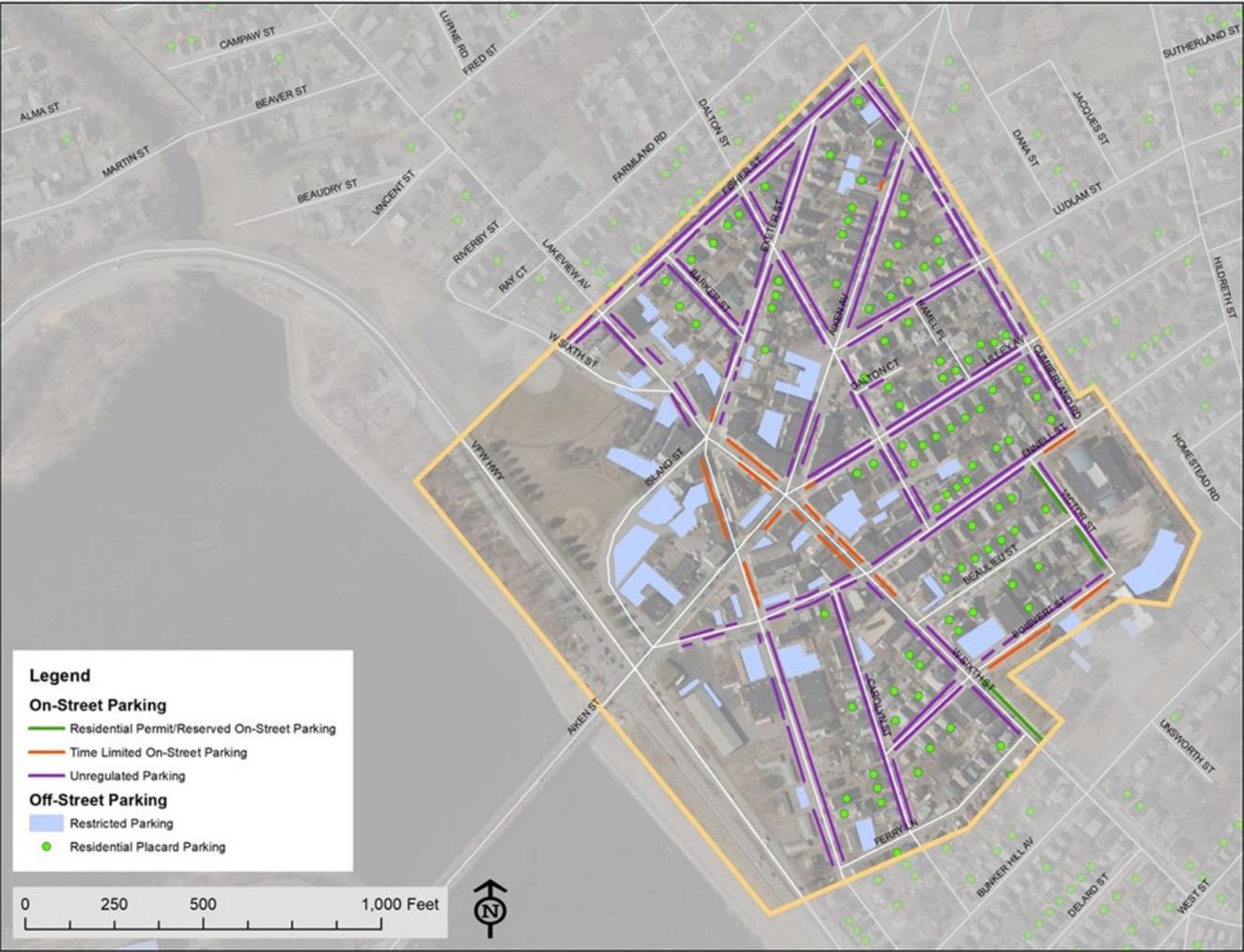
Off-Street Parking

- Restricted Parking
- Residential Placard Parking

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Centralville Parking Inventory



1,380 Total Parking Spaces

565 Restricted Off-Street
(Public and Private) Parking

0 Publicly Available
Off-Street Parking

0 Metered On-Street Parking

73 Time Limited On-Street
Parking

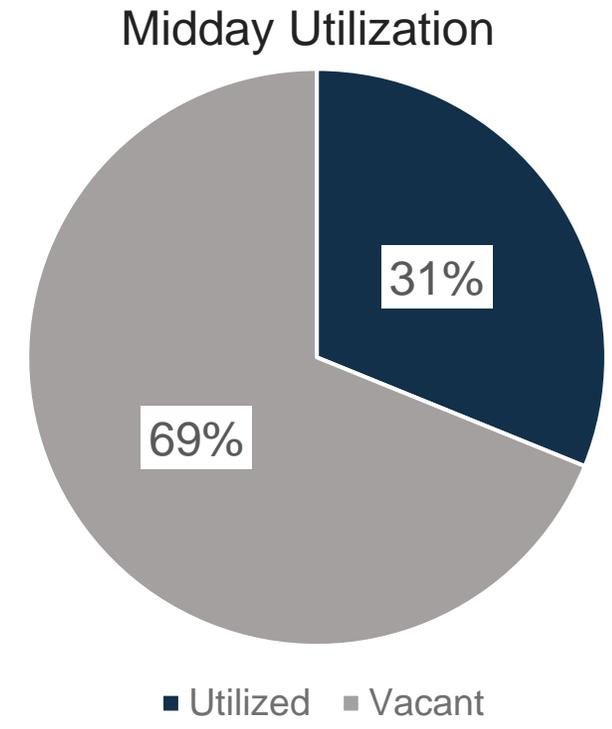
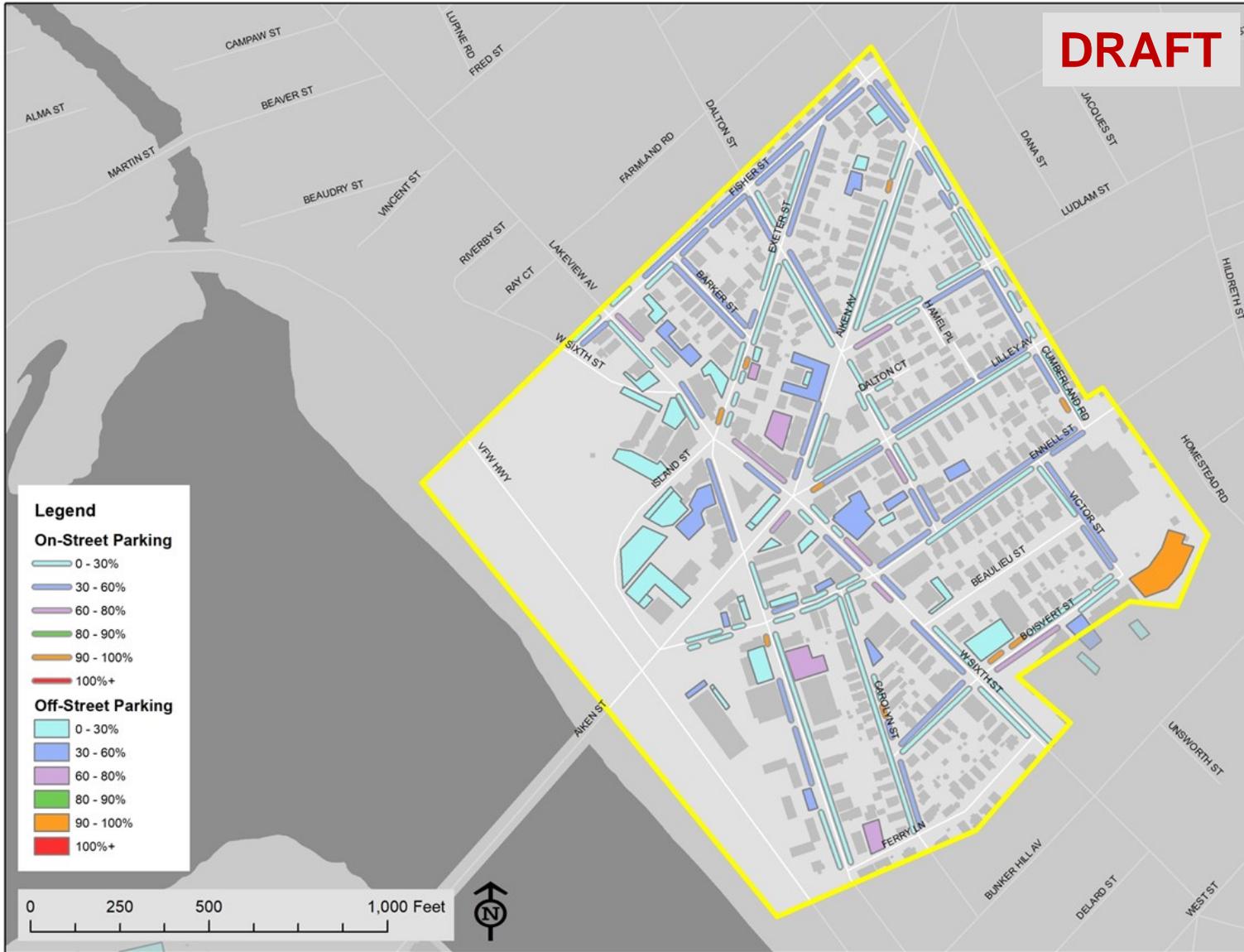
26 Residential Permit/Reserved On-Street Parking

115 Residential Placard Parking

716 Unregulated Parking



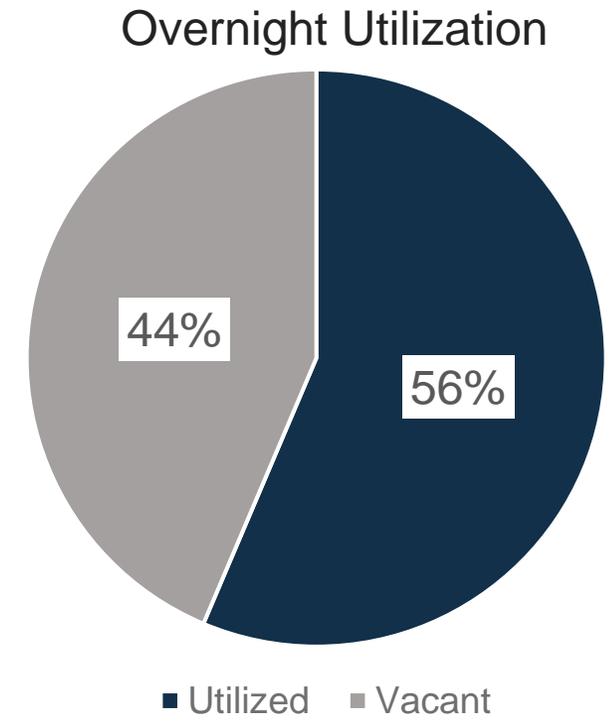
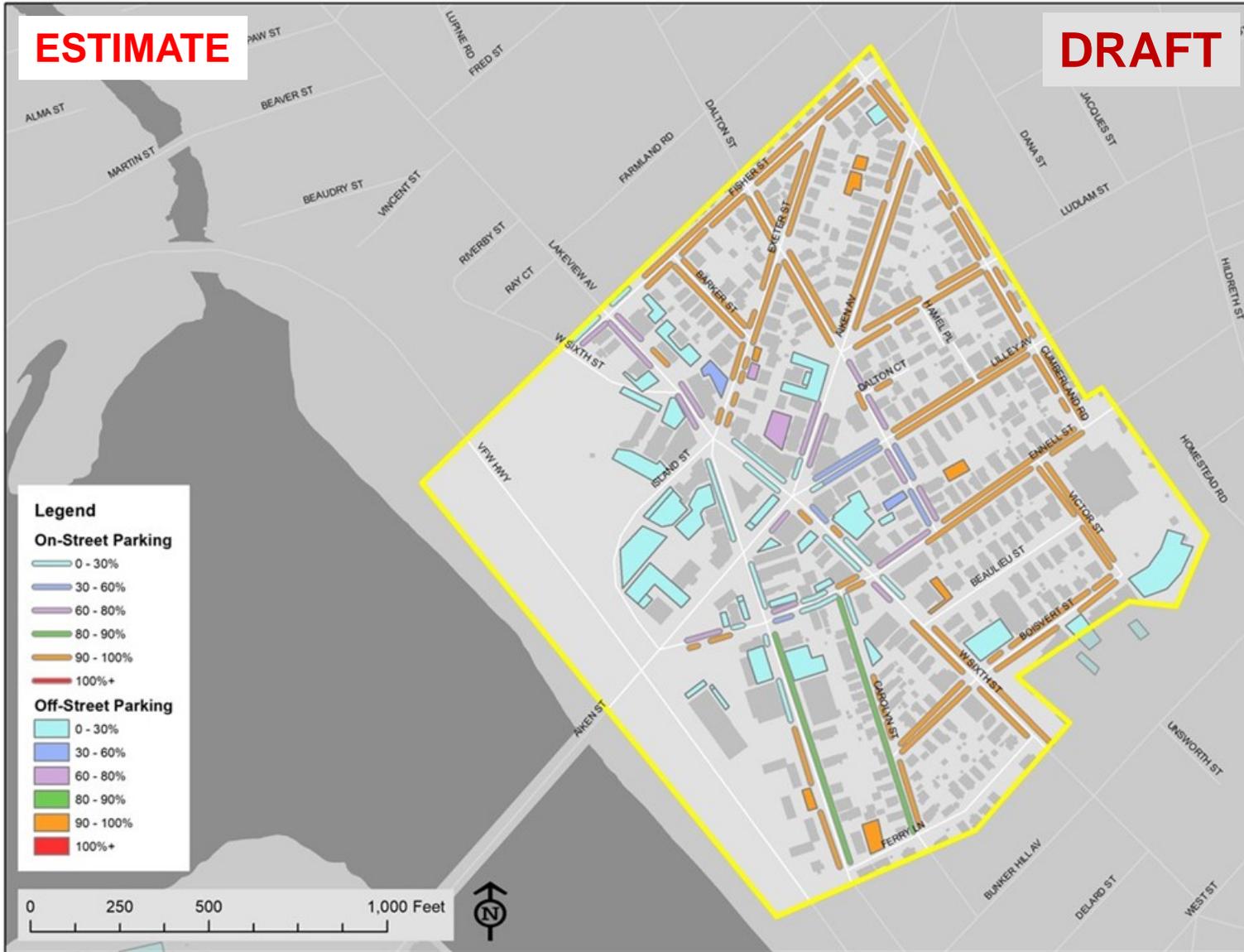
Centralville Parking Utilization: Midday



Total Spaces = 1,380
Utilization = 430 (31%)
 Counts from Tuesday, May 10, 2016 at 12 PM



Estimated Parking Utilization: Late Evening/Early Morning



Total Spaces = 1,380
Estimated Utilization = 778 (56%)
 Overnight estimate from Tuesday, May 10, 2016

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LOWELL PARKING STUDY

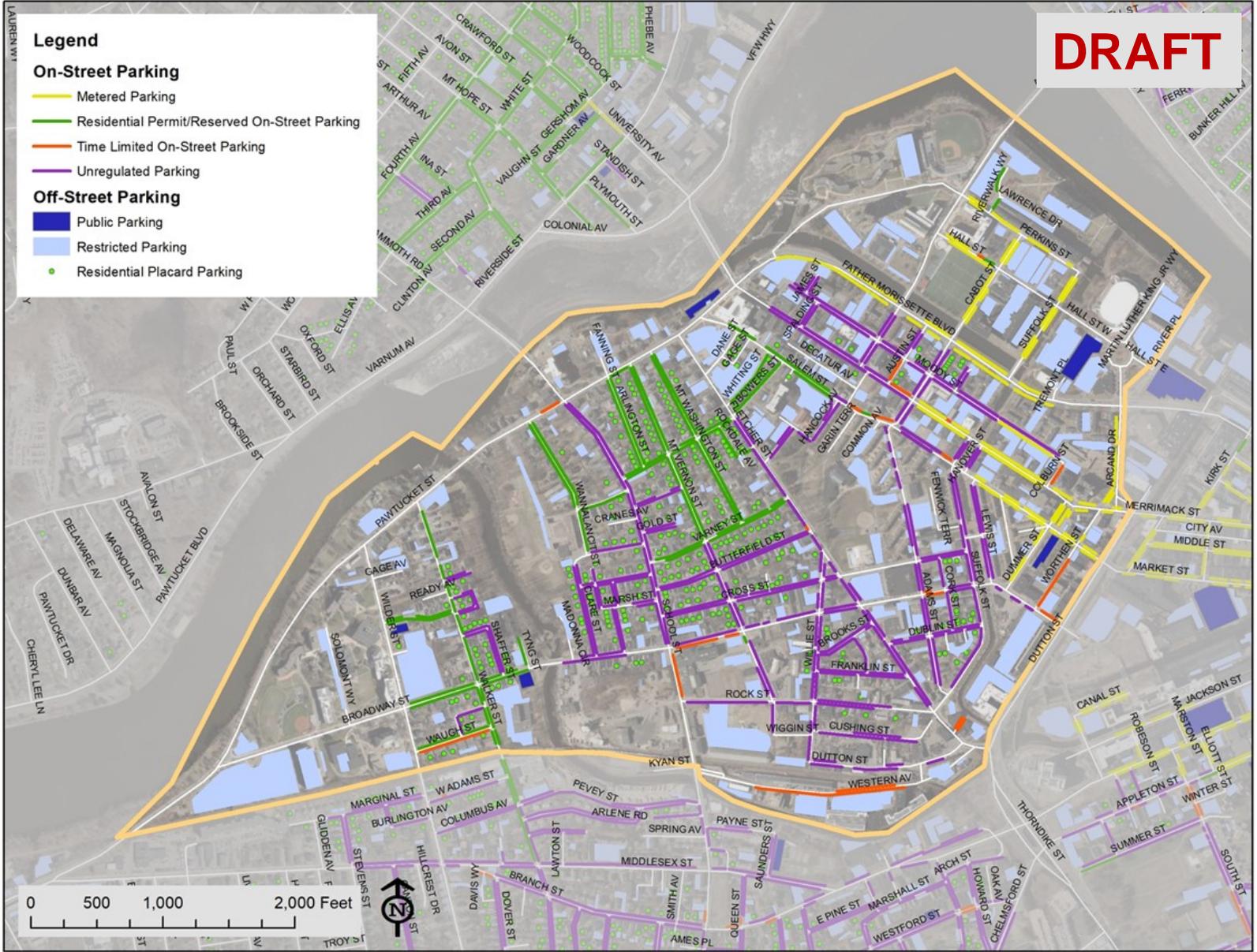


Acre





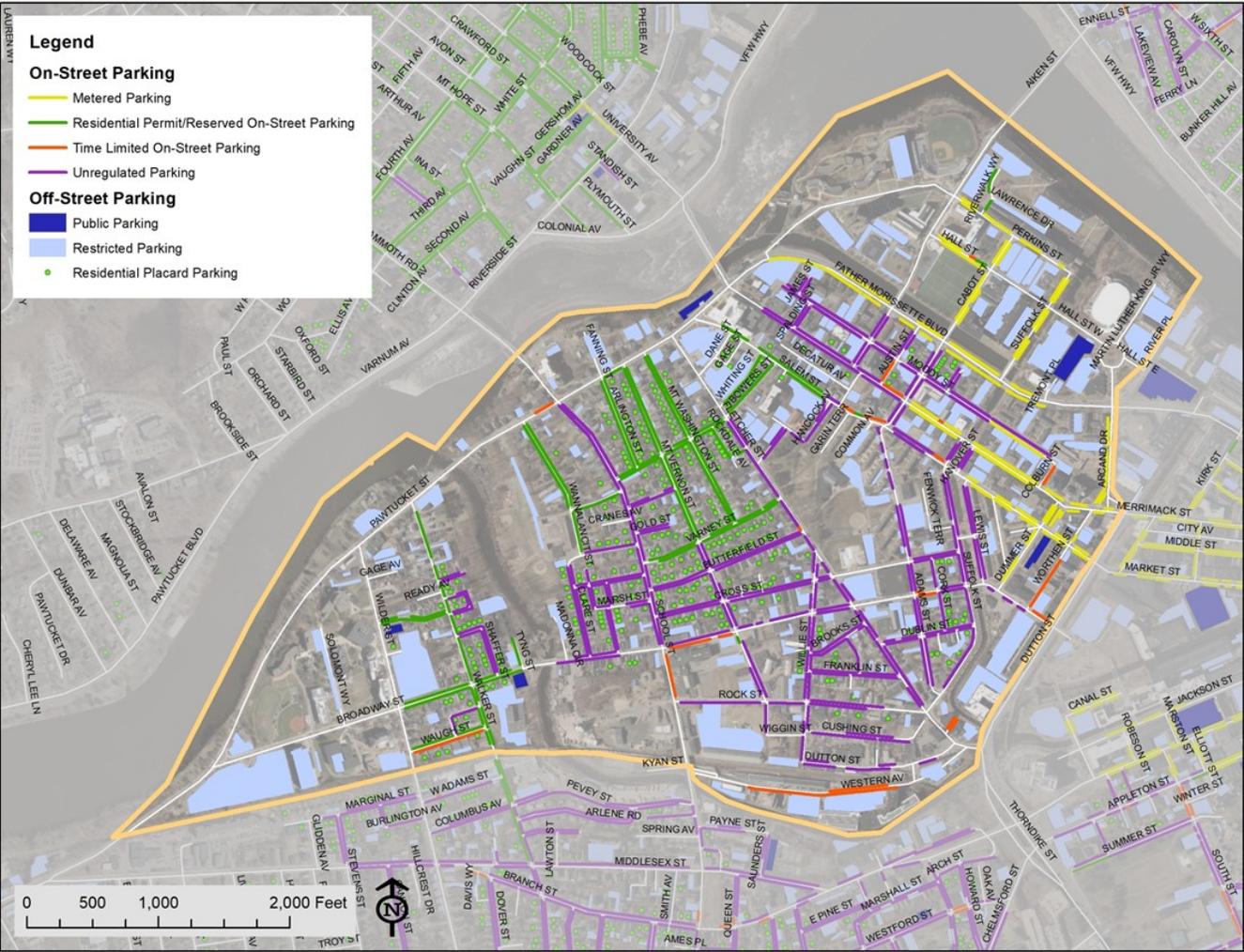
Acre Parking Inventory



DRAFT



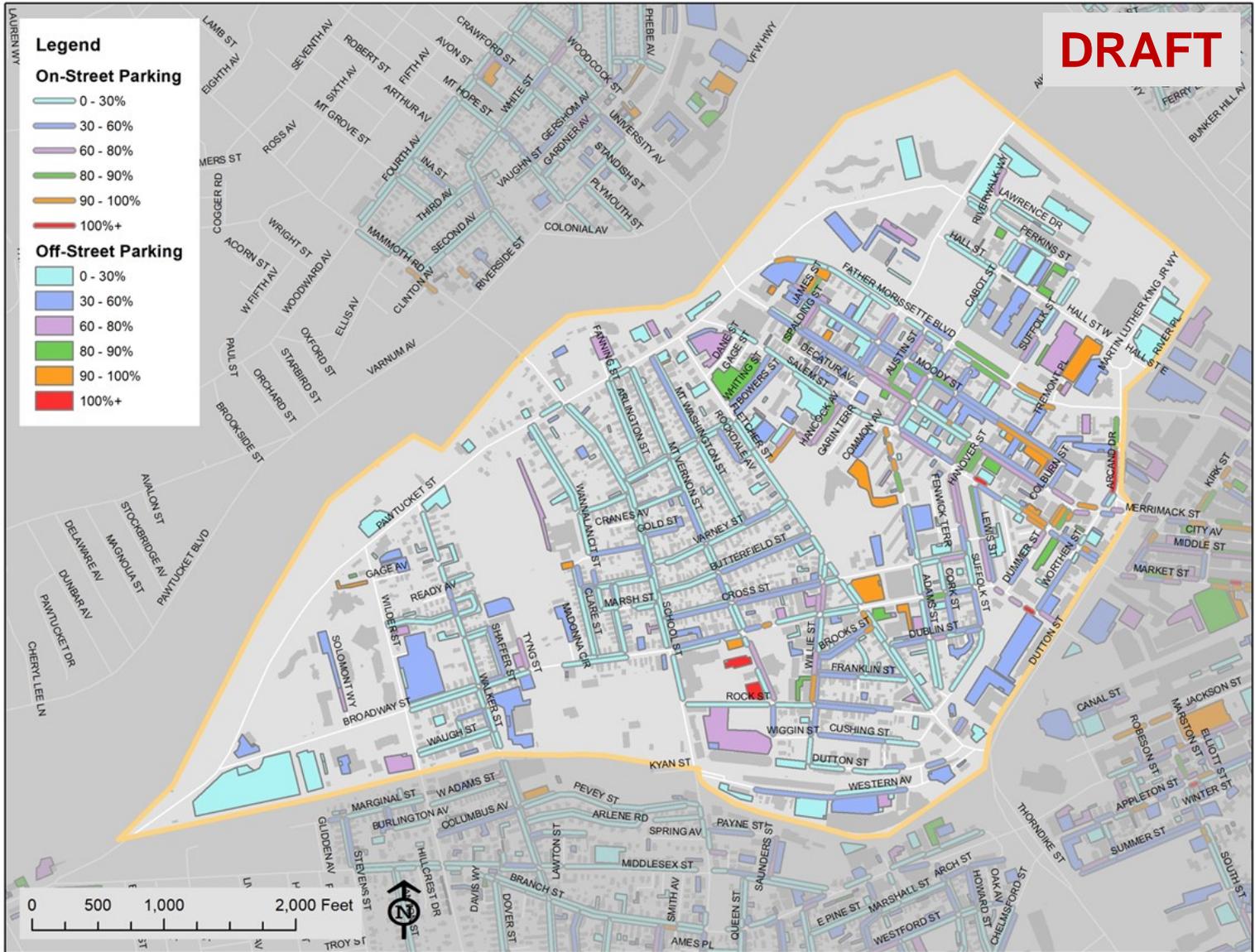
Acre Parking Inventory



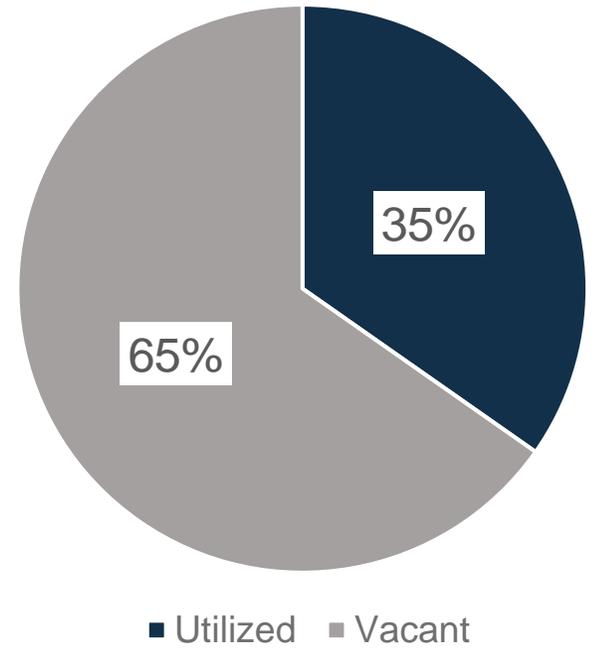
- 14,526** Total Parking Spaces
- 10,063** Restricted Off-Street (Public and Private) Parking
- 274** Publicly Available Off-Street Parking
- 579** Metered On-Street Parking
- 238** Time Limited On-Street Parking
- 964** Residential Permit/Reserved On-Street Parking
- 257** Residential Placard Parking
- 2408** Unregulated Parking



Acre Parking Utilization: Midday



Midday Utilization

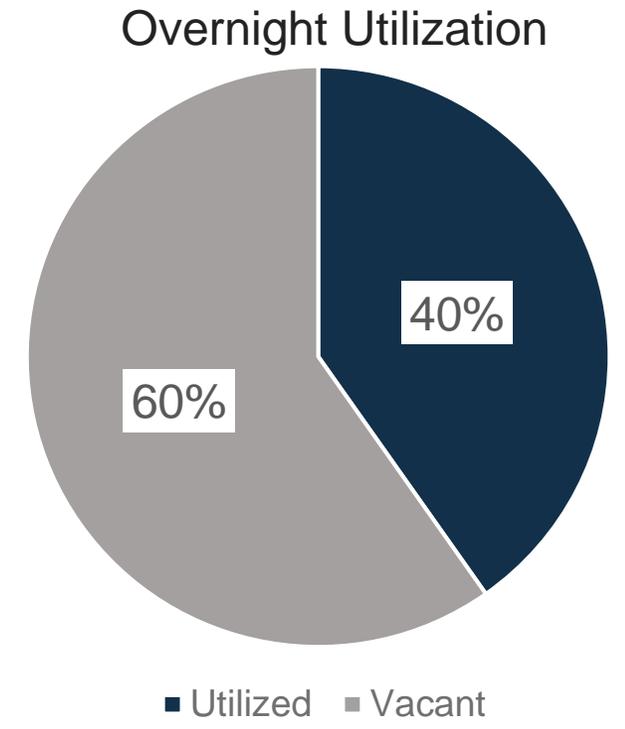
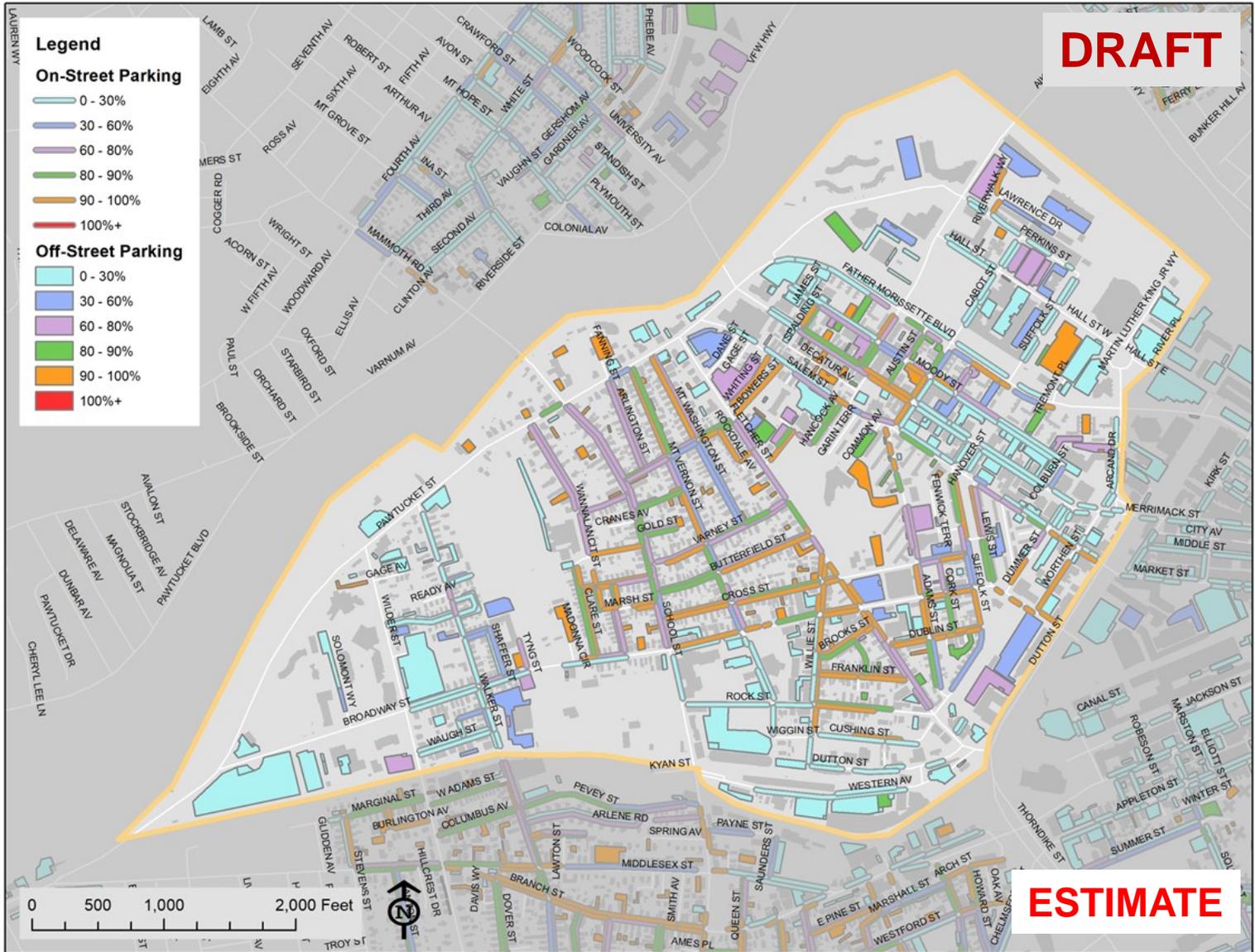


Total Spaces = 14,526
Utilization = 5,048 (35%)
 Counts from Tuesday, May 10, 2016 at 12 PM

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Estimated Parking Utilization: Late Evening/Early Morning



Total Spaces = 14,526
Estimated Utilization = 5,845 (40%)
 Overnight estimate from Tuesday, May 10, 2016

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LOWELL PARKING STUDY



Lower Highlands





Lower Highlands Parking Inventory



7,296 Total Parking Spaces

3,151 Restricted Off-Street (Public and Private) Parking

65 Publicly Available Off-Street Parking

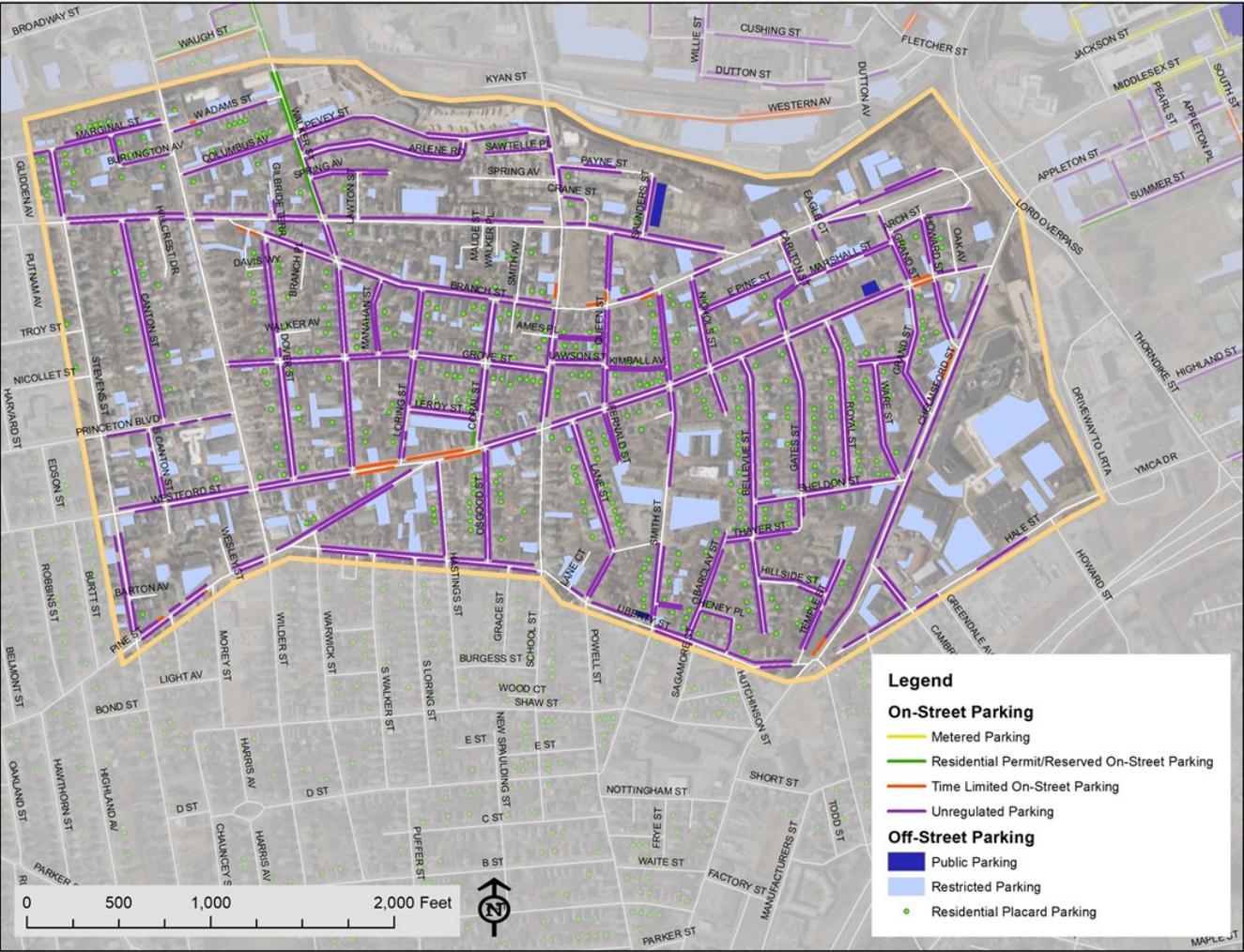
0 Metered On-Street Parking

81 Time Limited On-Street Parking

53 Residential Permit/Reserved On-Street Parking

372 Residential Placard Parking

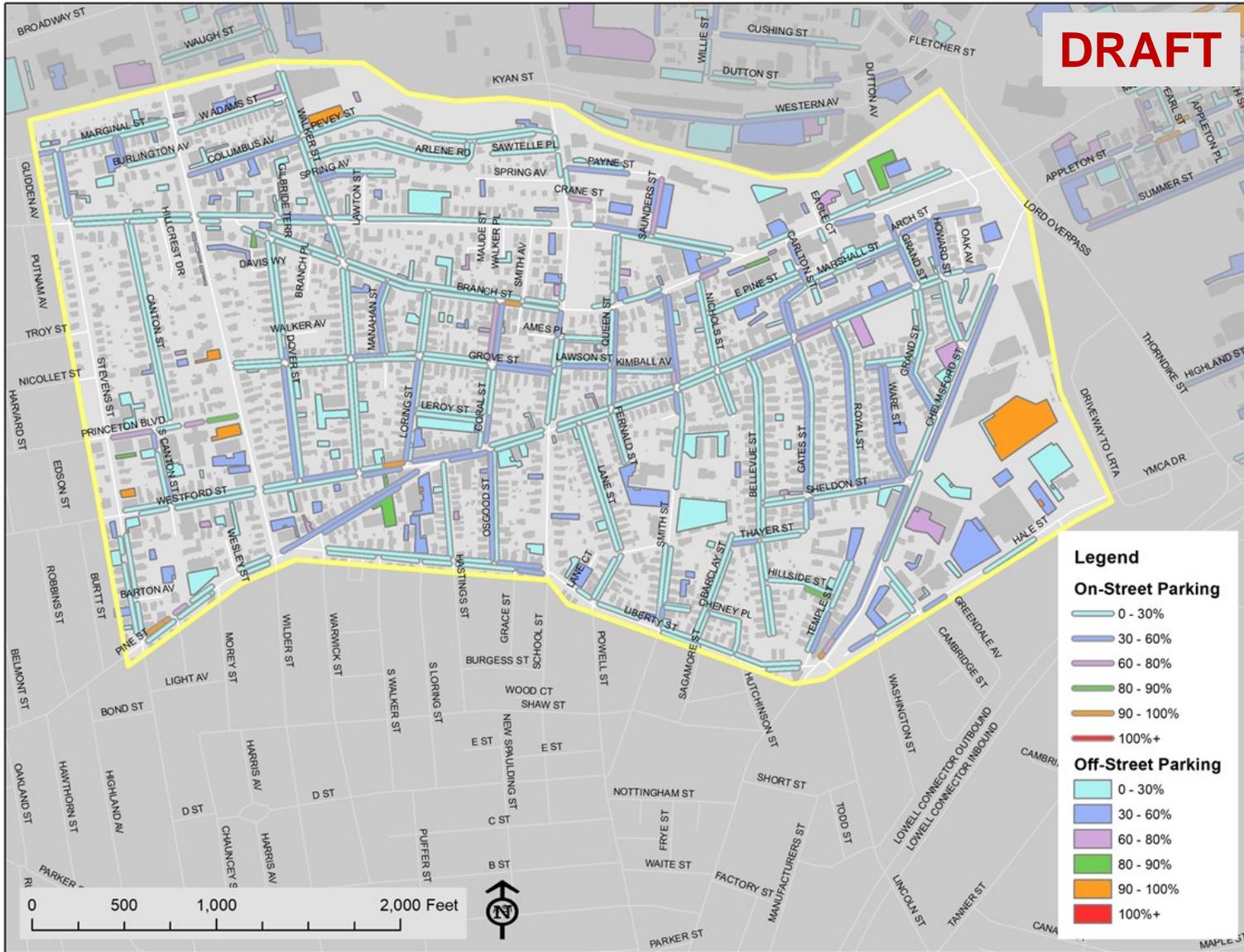
3,946 Unregulated Parking



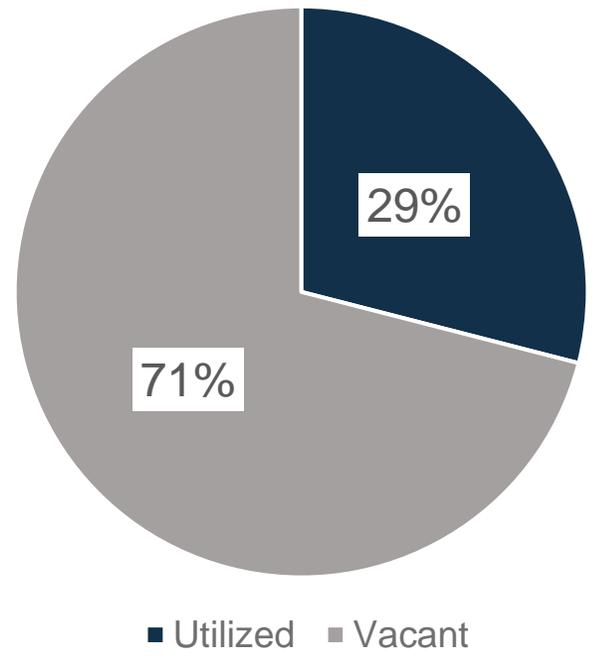
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Lower Highlands Parking Utilization: Midday



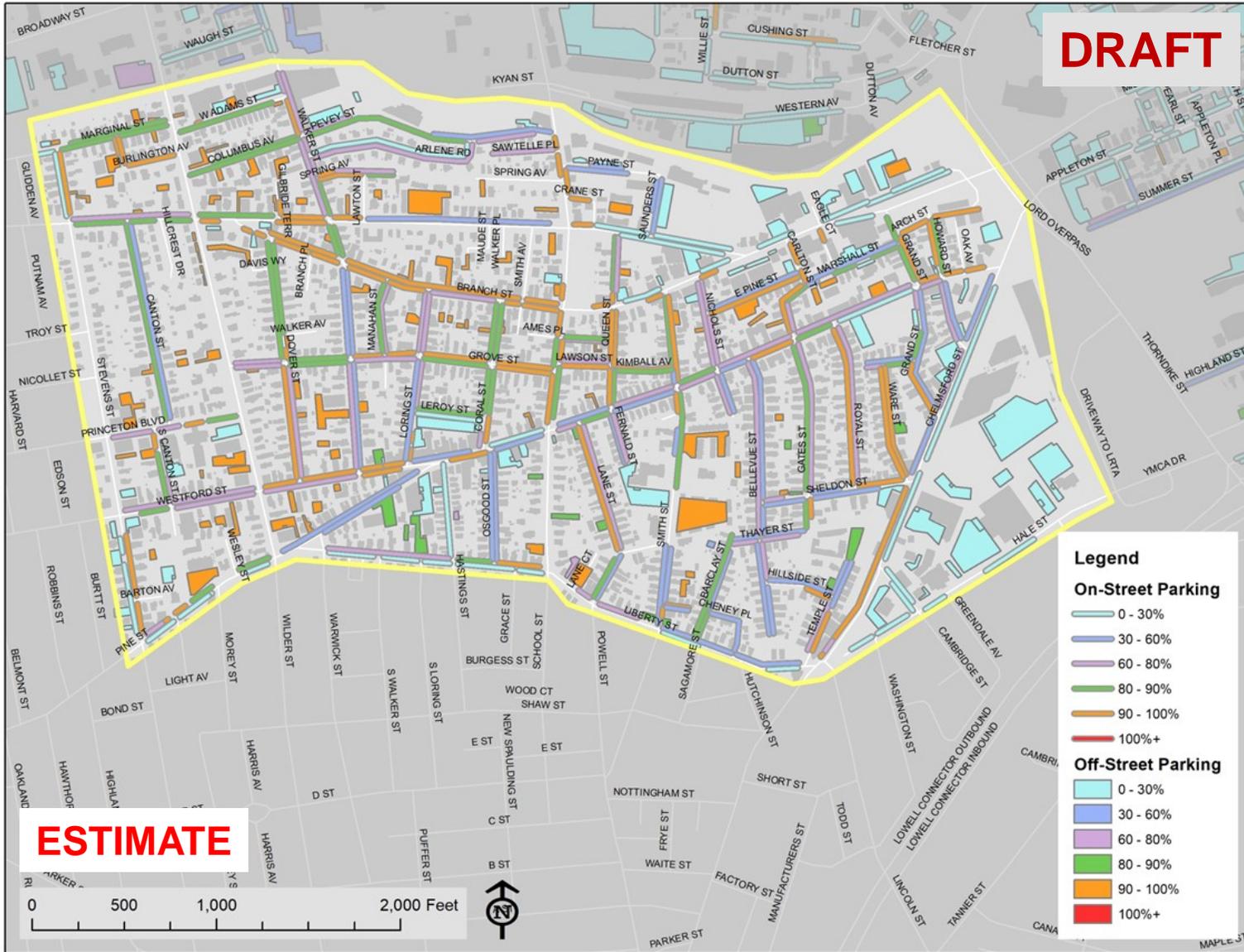
Midday Utilization



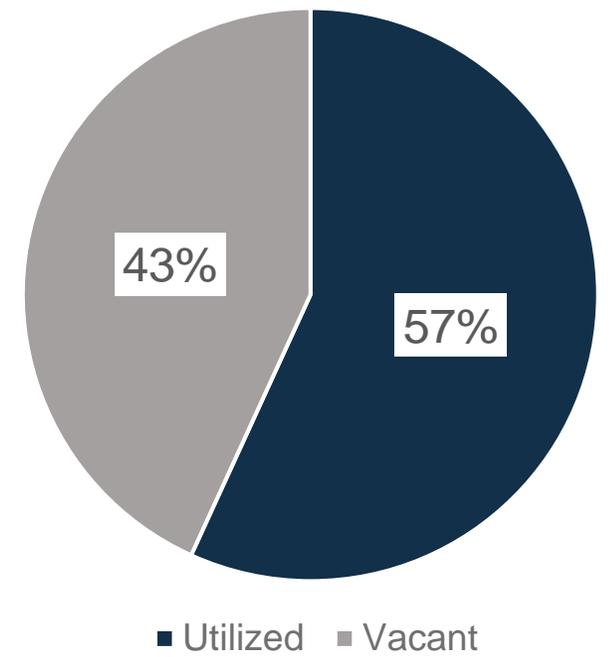
Total Spaces = 7,296
Utilization = 2,117 (29%)
 Counts from Tuesday, May 10, 2016 at 12 PM



Estimated Parking Utilization: Late Evening/Early Morning



Overnight Utilization



Total Spaces = 7,296
Estimated Utilization = 4,145 (57%)
 Overnight estimate from Tuesday, May 10, 2016



LOWELL PARKING STUDY

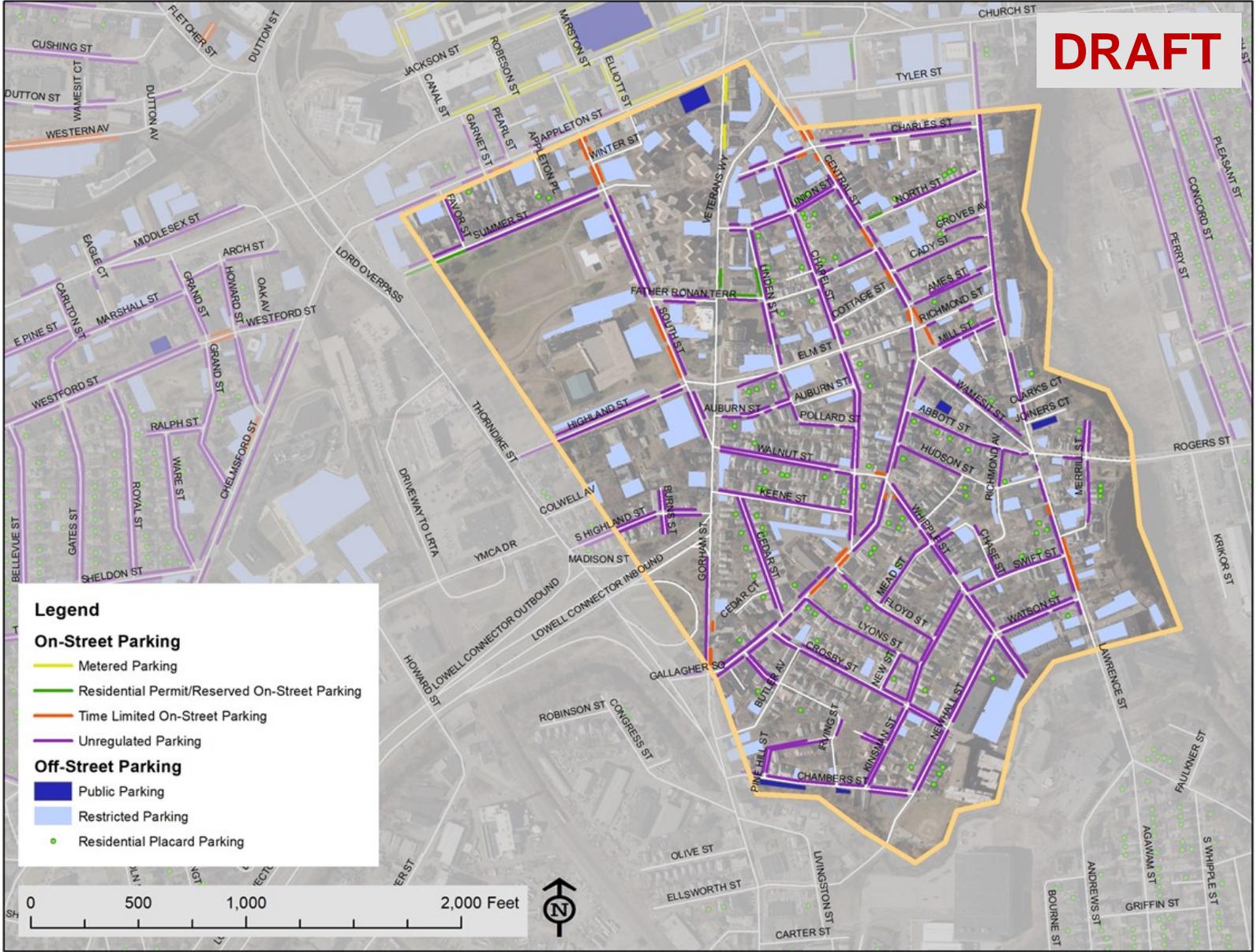


Back Central





Back Central Parking Inventory



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Legend

On-Street Parking

- Metered Parking
- Residential Permit/Reserved On-Street Parking
- Time Limited On-Street Parking
- Unregulated Parking

Off-Street Parking

- Public Parking
- Restricted Parking
- Residential Placard Parking

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Back Central Parking Inventory



4,112 Total Parking Spaces

2,051 Restricted Off-Street
(Public and Private) Parking

81 Publicly Available
Off-Street Parking

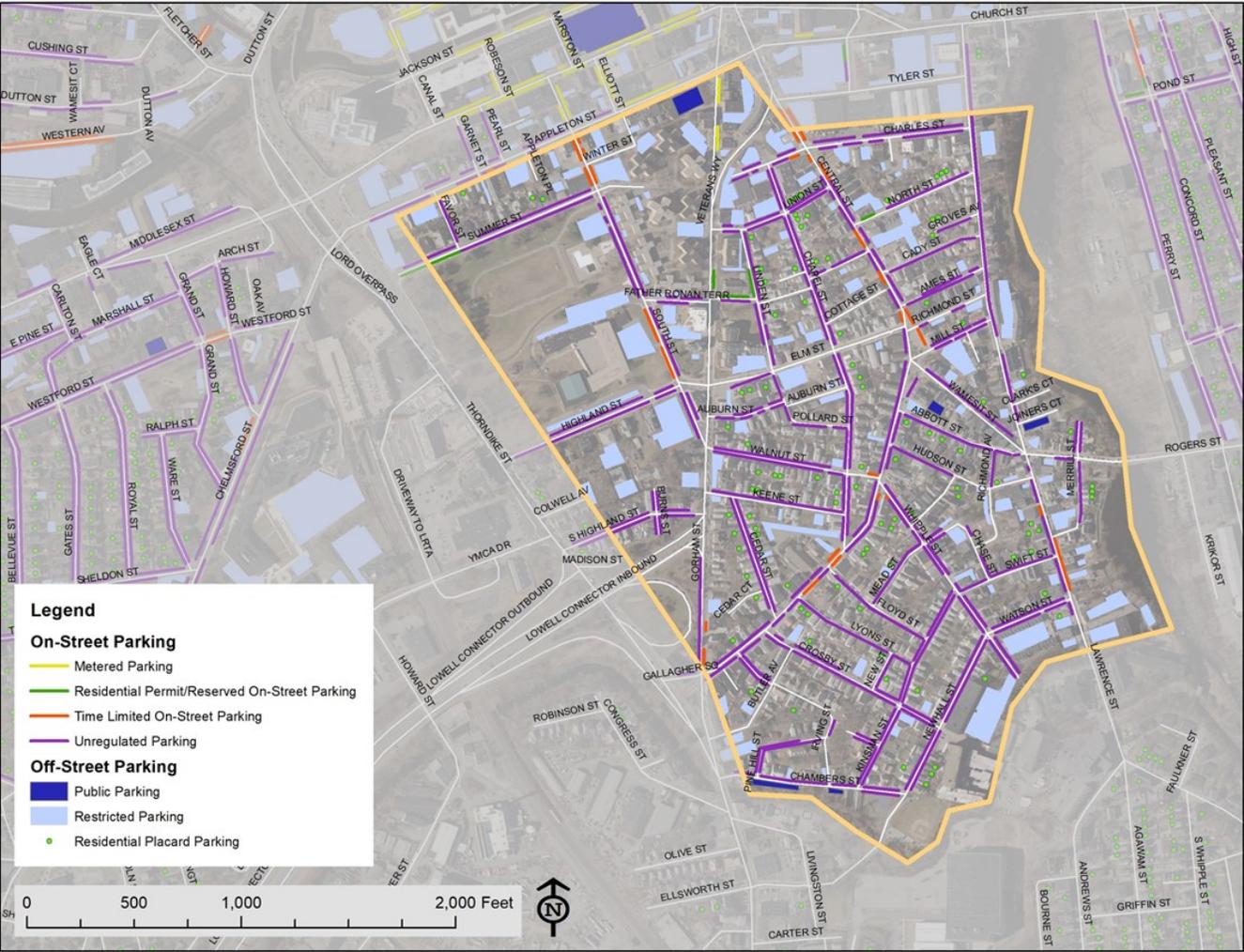
10 Metered On-Street Parking

112 Time Limited On-Street
Parking

35 Residential Permit/Reserved On-Street Parking

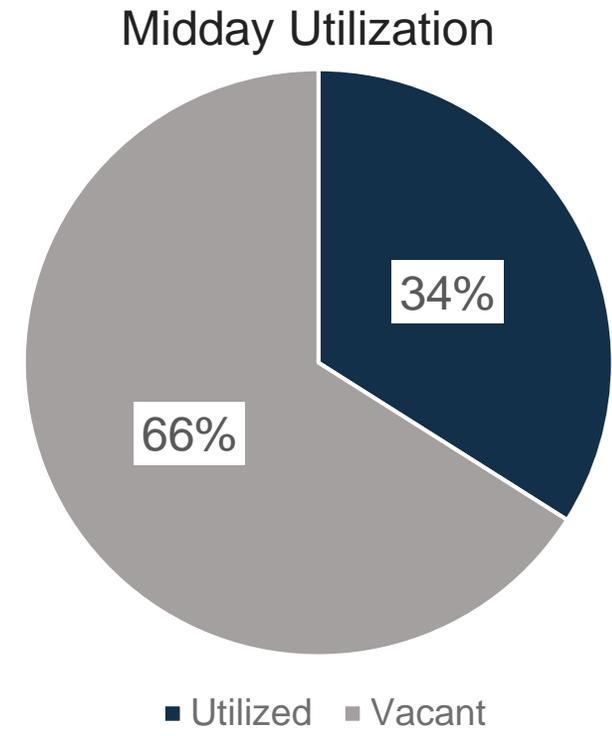
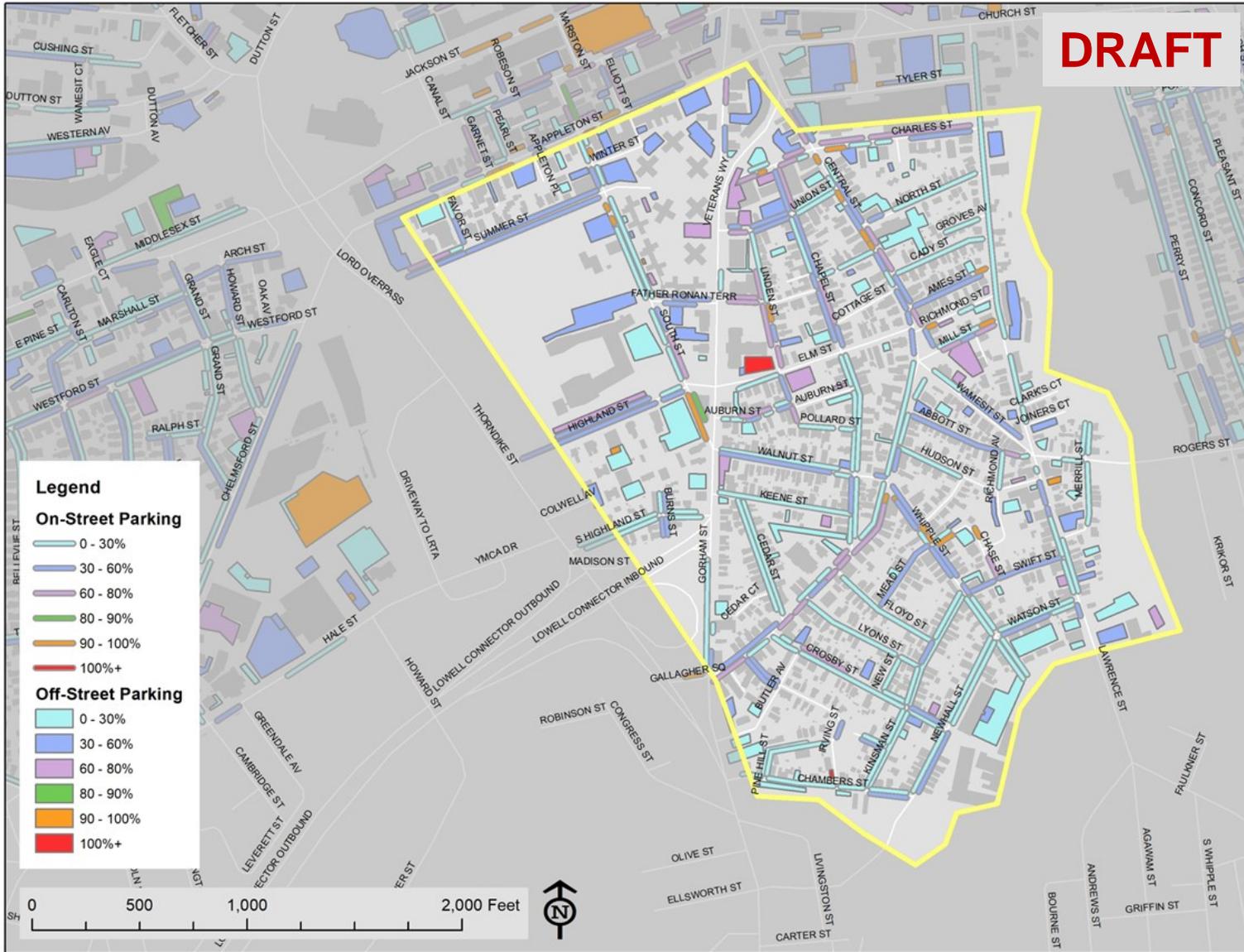
98 Residential Placard Parking

1,823 Unregulated Parking





Back Central Parking Utilization: Midday

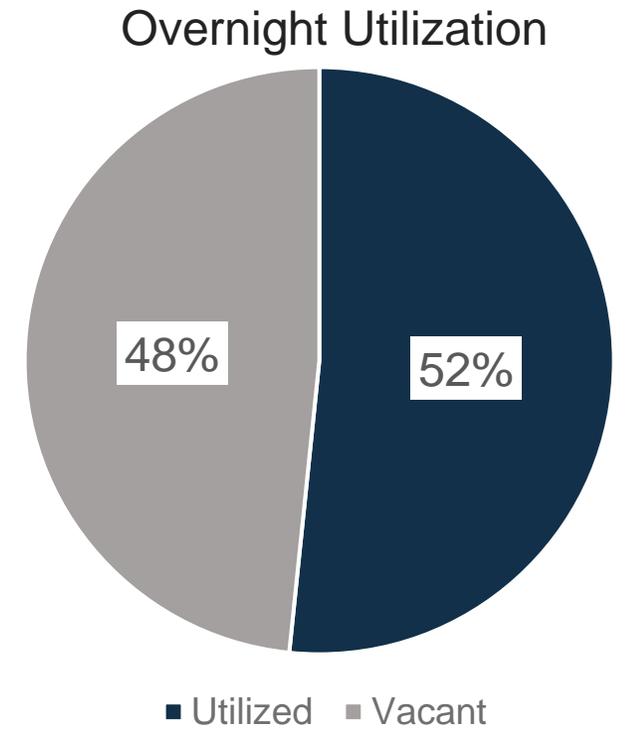
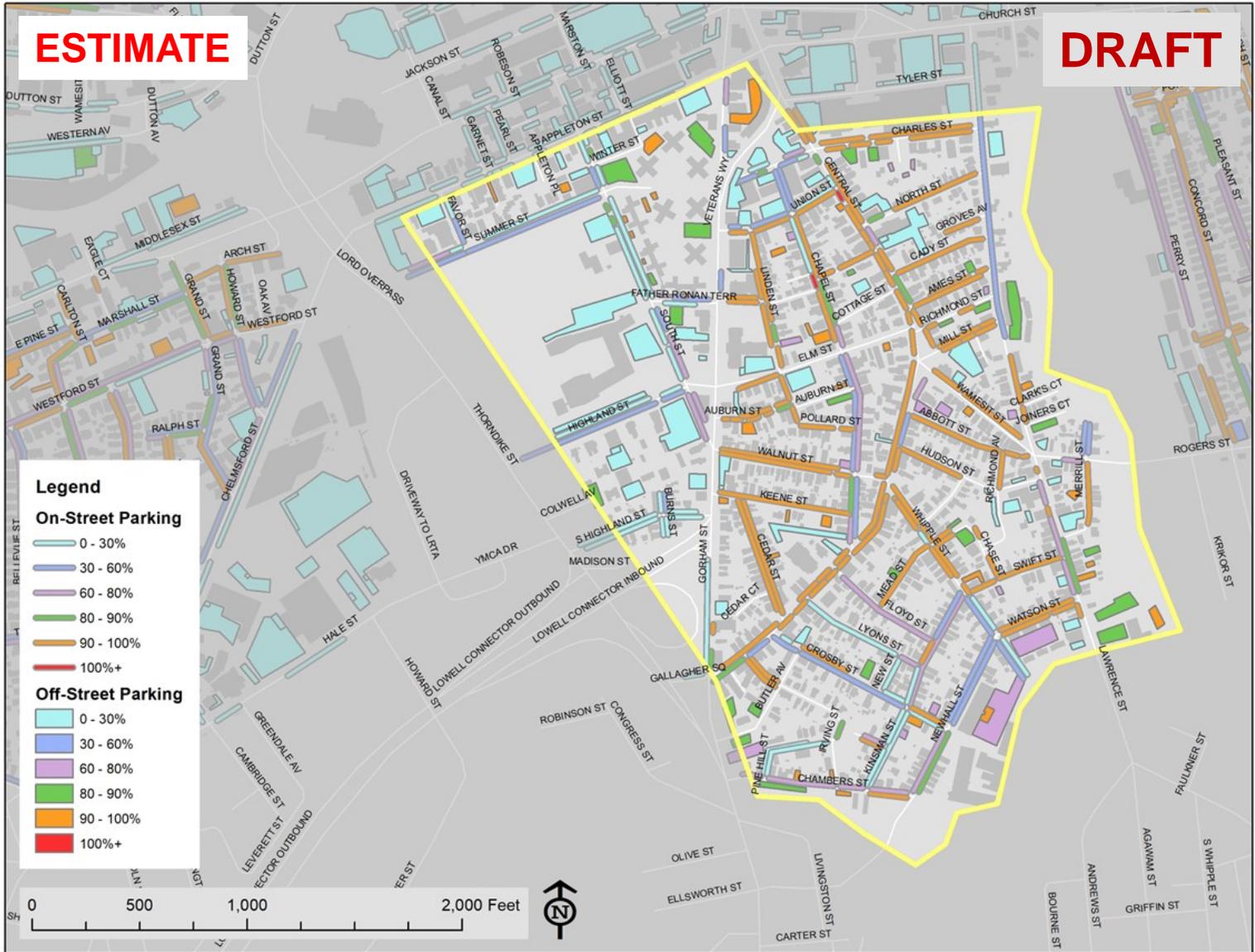


Total Spaces = 4,112
Utilization = 1,398 (34%)
 Counts from Tuesday, May 10, 2016 at 12 PM

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Estimated Parking Utilization: Late Evening/Early Morning



Total Spaces = 4,112
Estimated Utilization = 2,123
(52%)
 Overnight estimate from Tuesday, May 10, 2016