

Columbus Short North Parking Management Plan

Project
Kick-Off Meeting

December 20, 2013

N NELSON
NYGAARD

Agenda

- Introductions
- Project Overview
- Goals/Issues (Go around the Table)
- Project Schedule
- Next Steps
- Discussion





Miami, FL



Manchester, UK



Cleveland, OH



Vancouver, BC



Raleigh, NC



Arlington, VA



Washington, DC



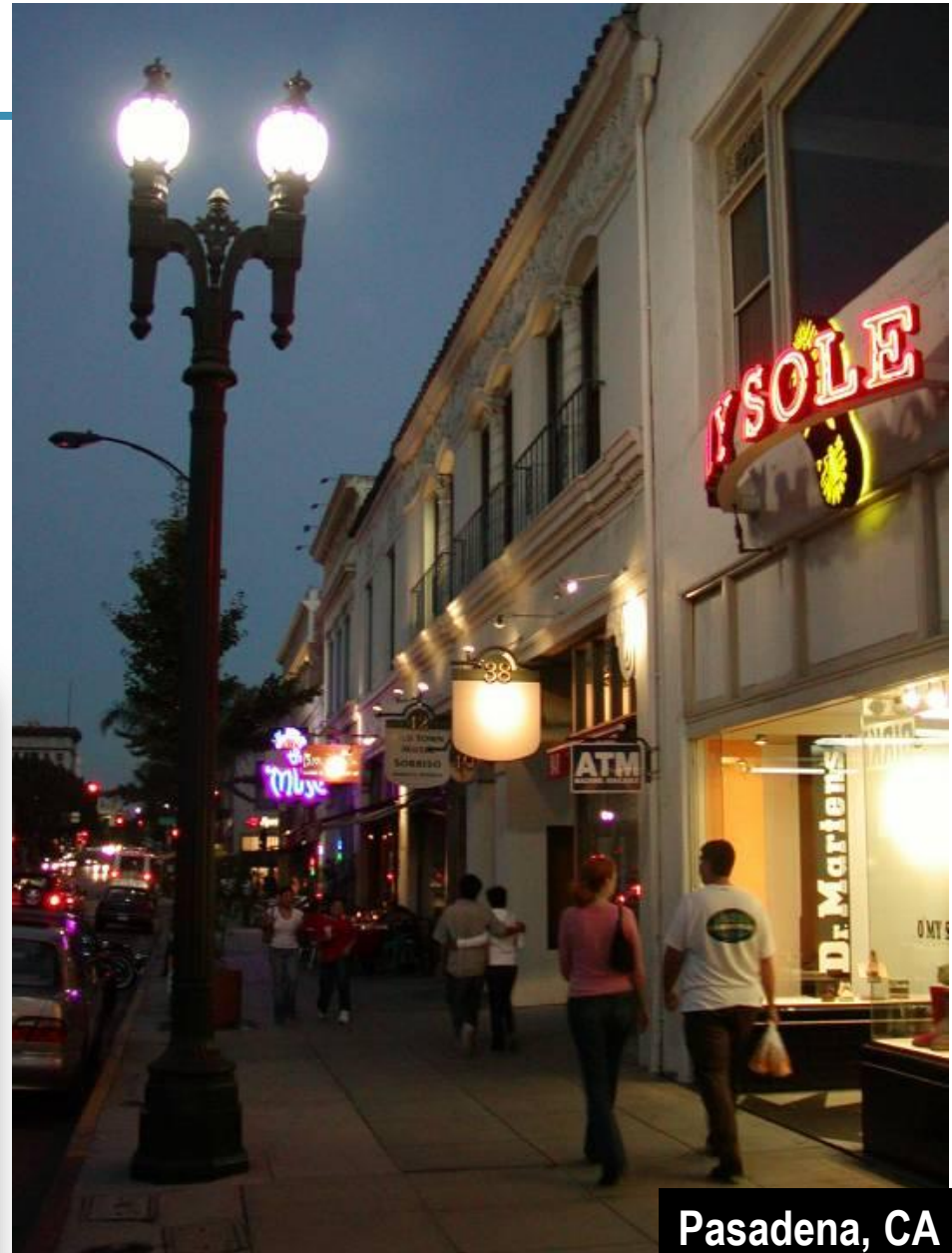
Berkeley, CA



Redwood City, CA



Vancouver, BC



Pasadena, CA

Arlington VA





PARKING

IN THE ROSSLYN-BALLSTON CORRIDOR

*A Guide to Parking Places and
Other Information for
Visiting and Shopping in*

ROSSLYN
COURT HOUSE
CLARENDON
VIRGINIA SQUARE
BALLSTON

Short-term meter rate: 75¢ / hour
12-hour meter rate: 50¢ / hour
FREE everyday after 6 pm
FREE all day Sunday
FREE at designated meters Saturday

YELLOW
1/2 hour



SILVER
1 hour



BLUE
2 hours



RED
4 hours

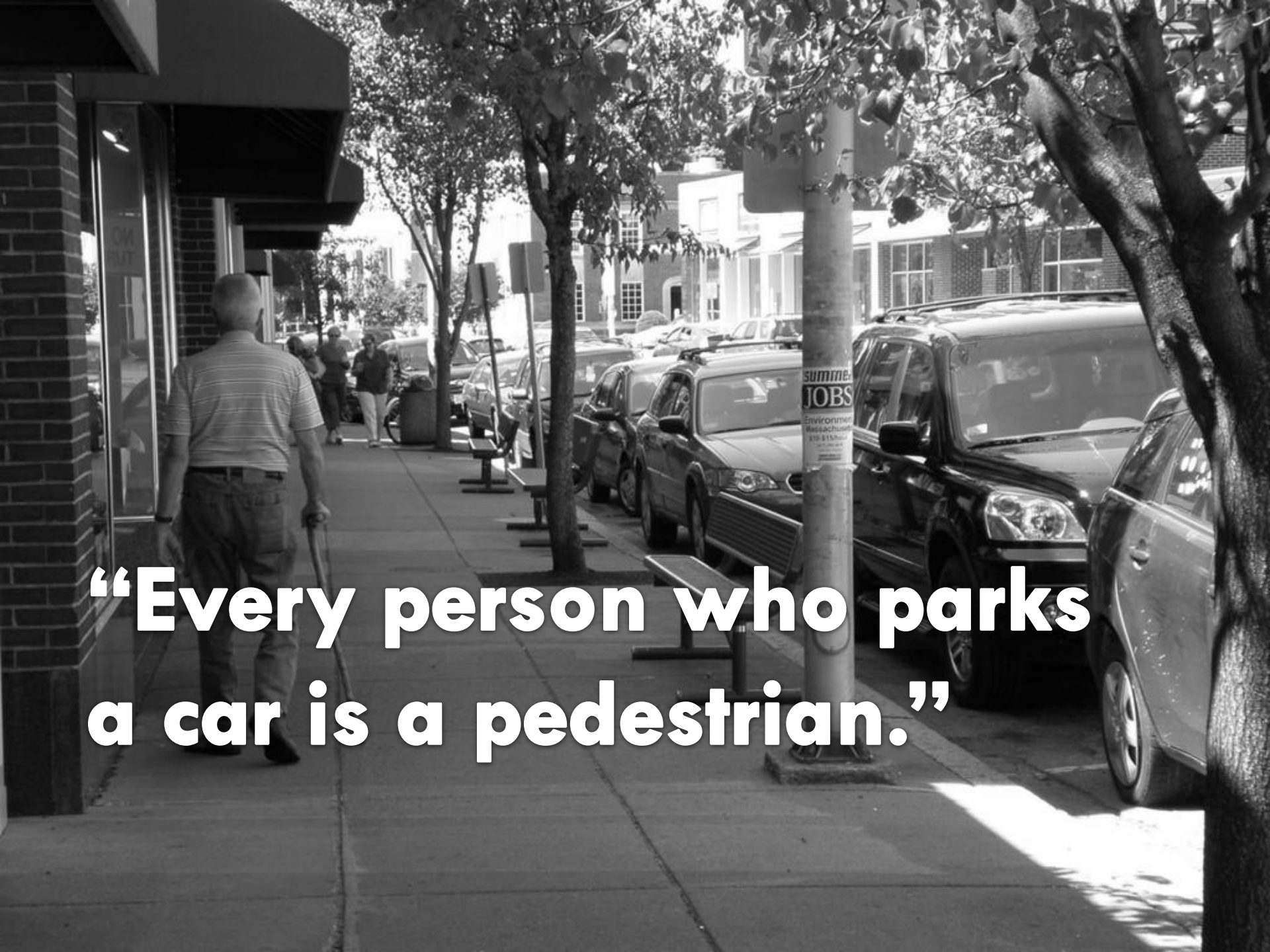


GREEN
12 hours



Beyond Resident Permits





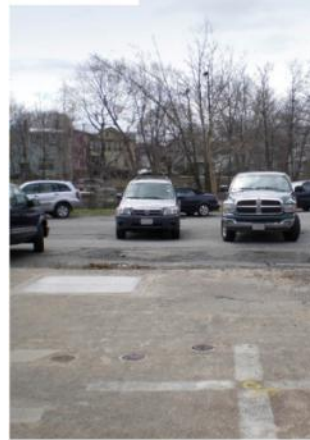
**“Every person who parks
a car is a pedestrian.”**

RECOMMENDATIONS FOR PEDESTRIAN IMPROVEMENTS

These are observations and recommendations from Nelson\Nygaard for immediate pedestrian improvements.

1. Create order
2. Add wayfinding signage
3. Create crossings
4. Improve sight lines
5. Complete sidewalk
6. Improve sidewalk slope
7. Add curb ramp
8. Remove poles
9. Make "No Right on Red"
10. Reduce speeds
11. Reduce speeds
12. Reduce speeds
13. Create crossings
14. Remove fencing
15. Widen median protection;
repaint crossings; reconstruct
curb and walkway
16. Reconstruct curb and
walkway

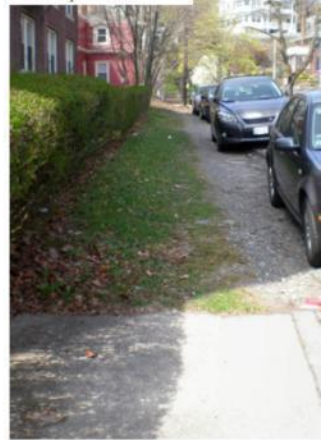
1 Create order



3 Create crossings



5 Complete sidewalk



6 Improve sidewalk slope



7 Add curb ramp



8 Remove poles



14 Remove fencing

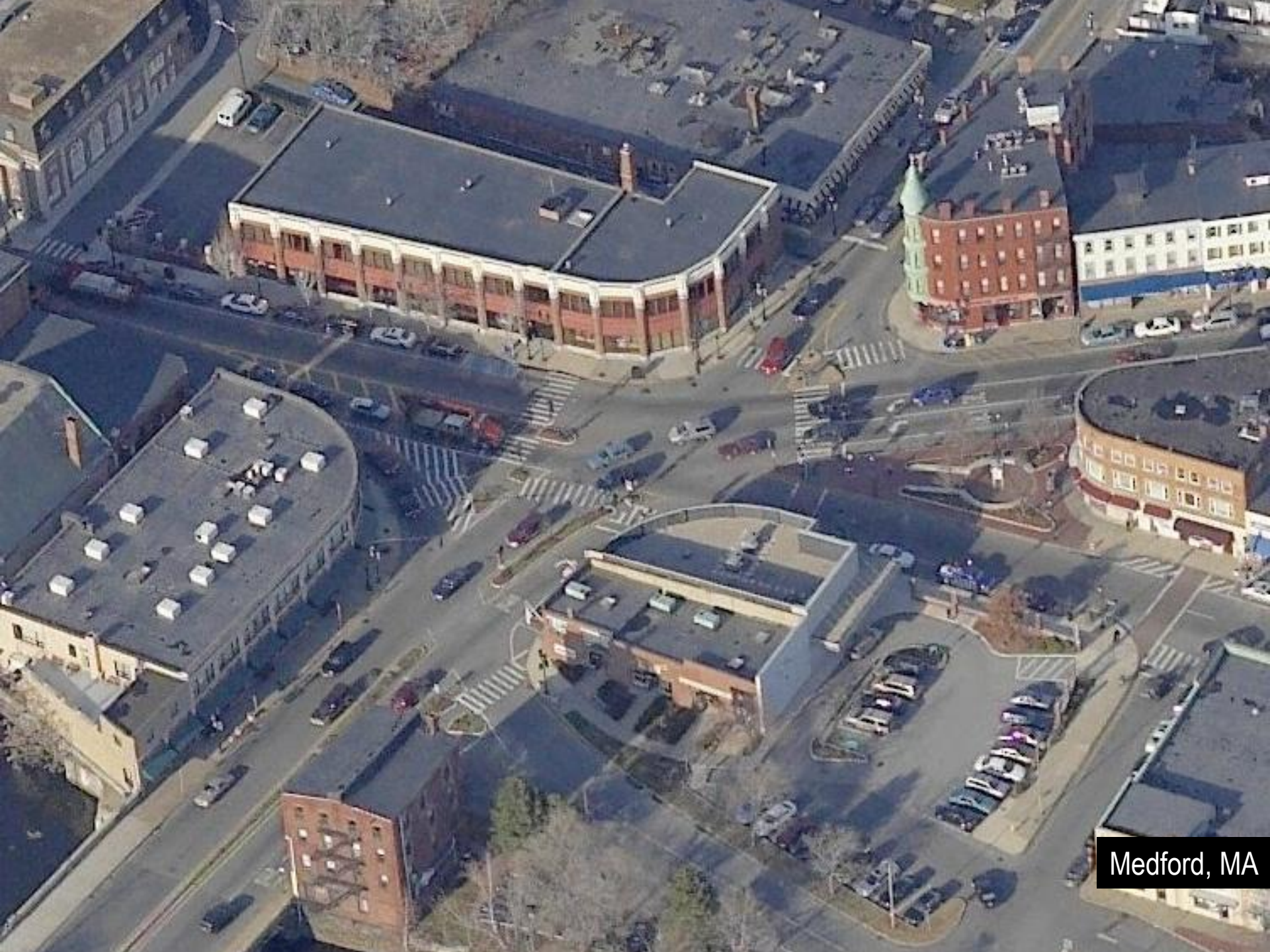


15 Widen median protection



16 Reconstruct curb and walkway



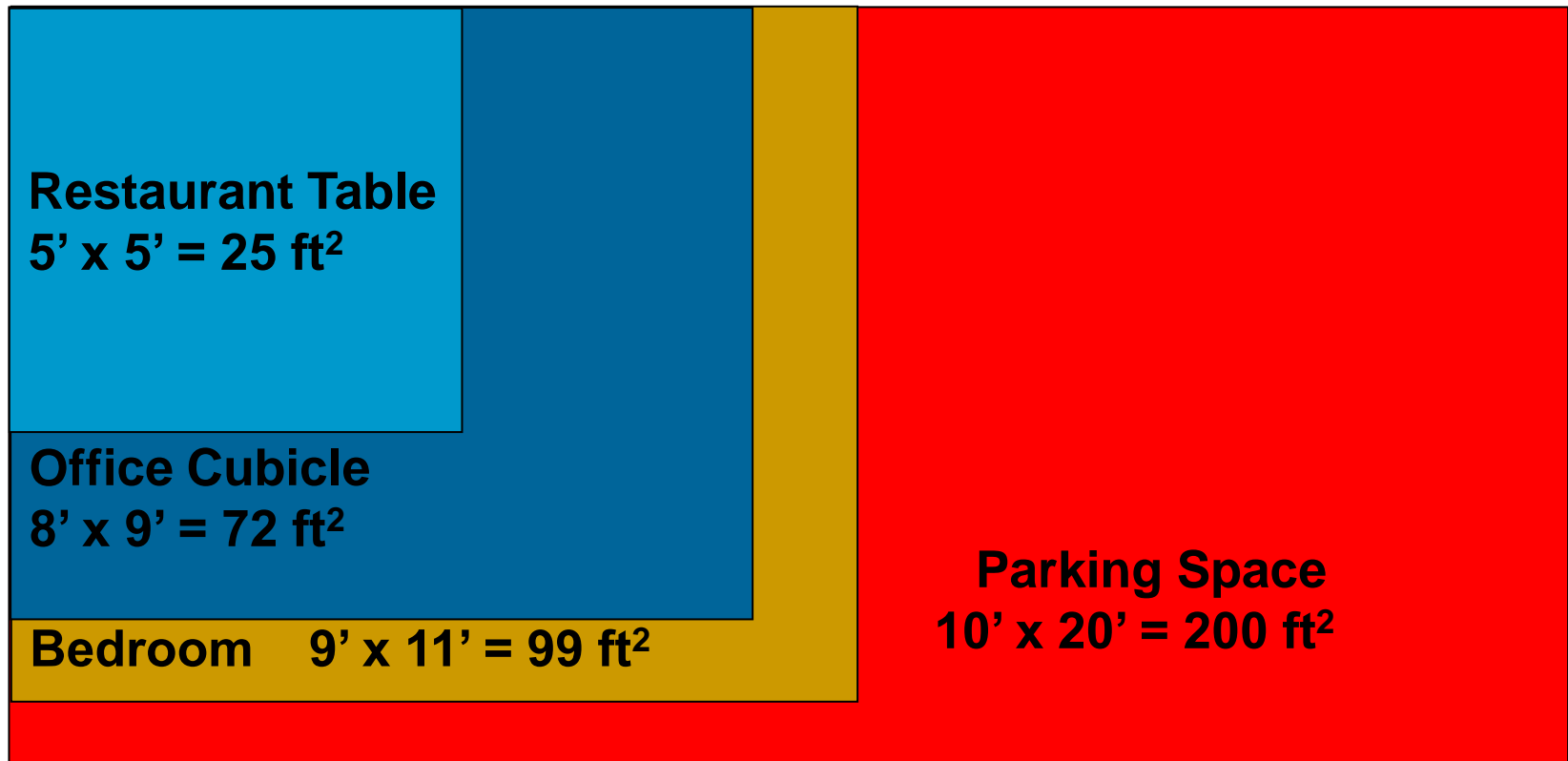


Medford, MA

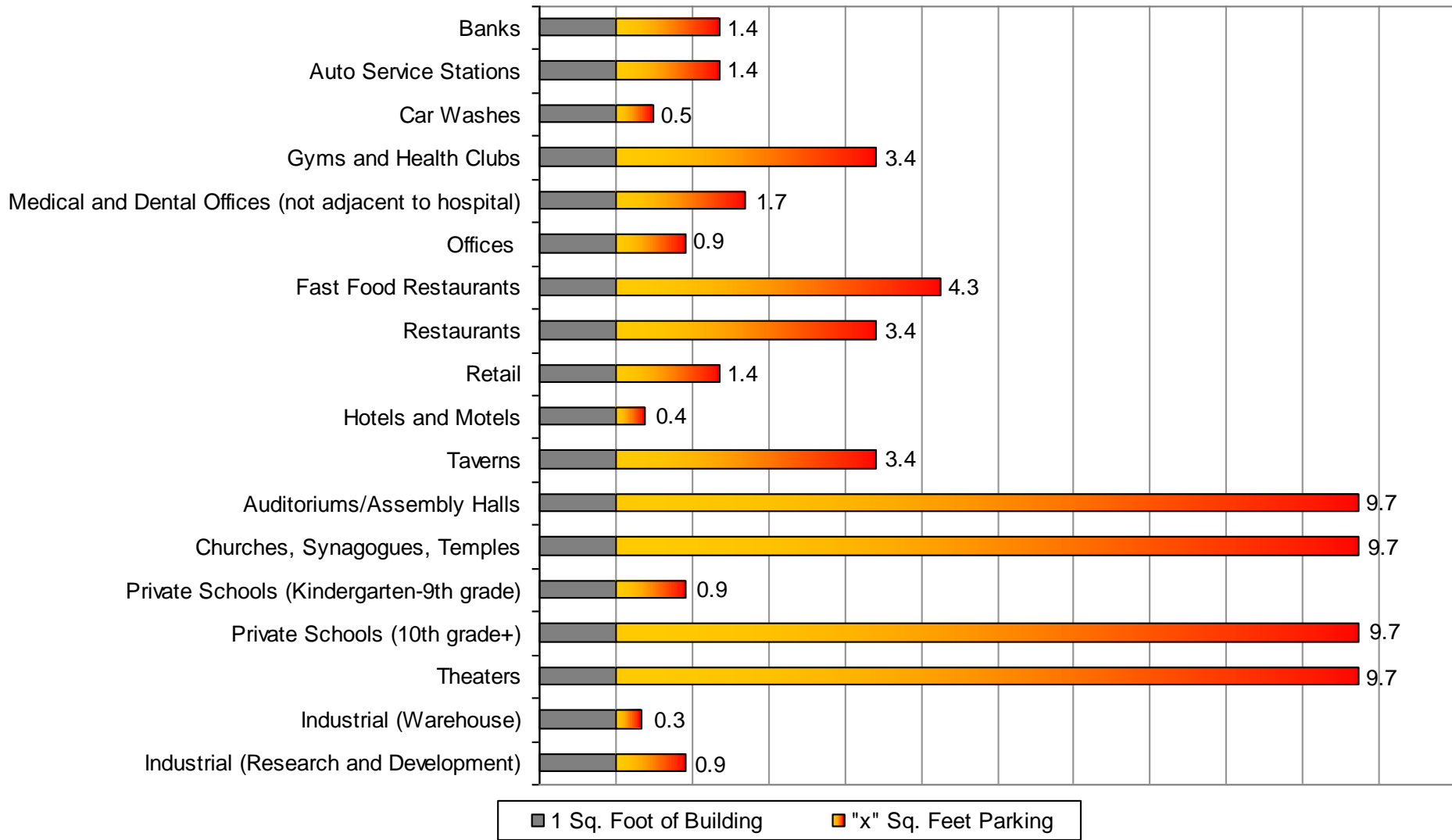


Medford, MA

Which Uses Make Your Downtown Active?



Glendale Minimum Commercial Parking Requirements



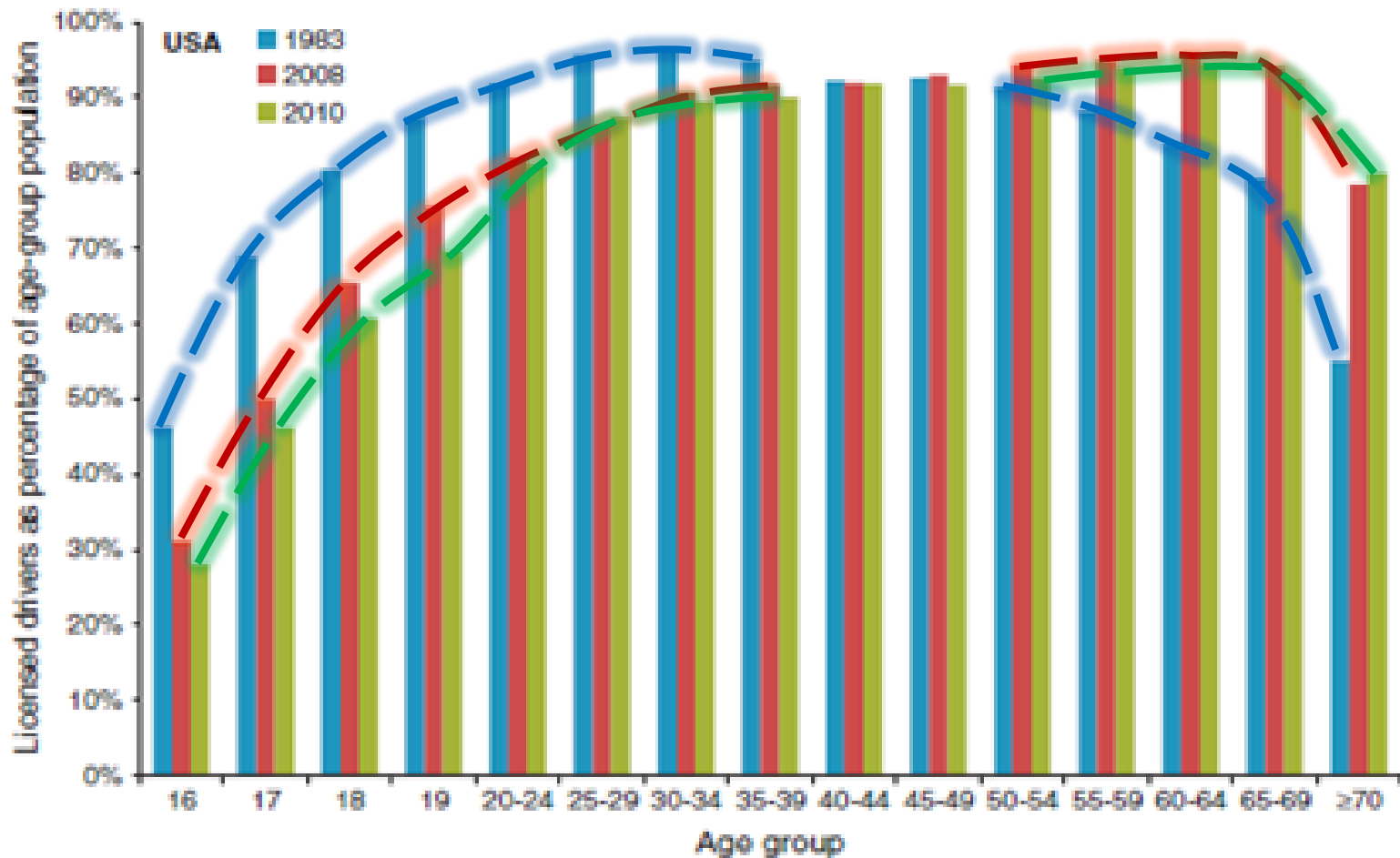
Mixed Use, Park Once, Downtown



Results:

- $< \frac{1}{2}$ the parking
- $< \frac{1}{2}$ the land area
- $\frac{1}{4}$ the arterial trips
- $\frac{1}{6}^{\text{th}}$ the arterial turning movements
- $< \frac{1}{4}$ the vehicle miles traveled

The nature of demand is changing

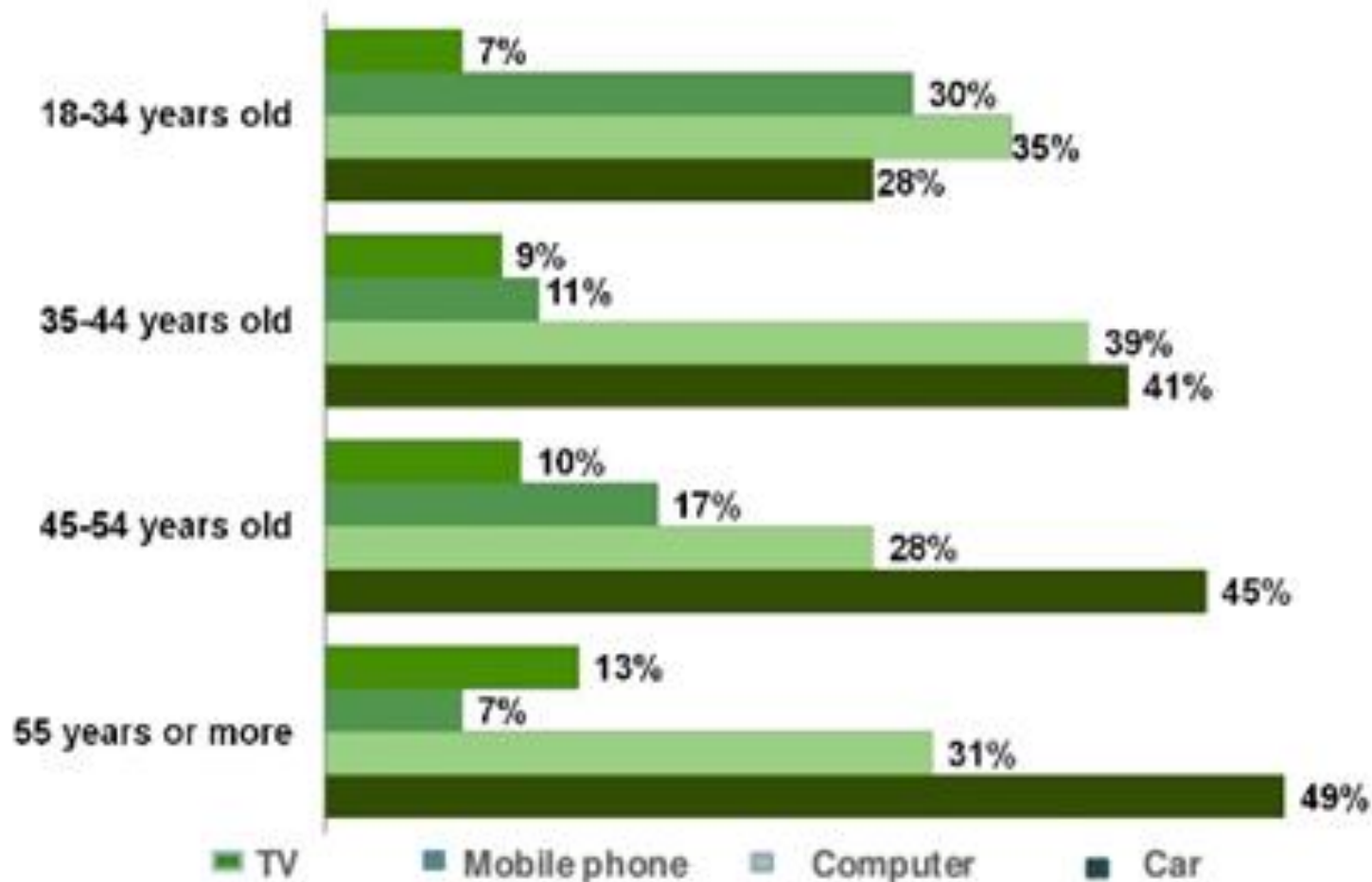


Licensed Drivers by Age Group 1983 - 2010

The nature of demand is changing

In your daily routine, losing which piece of technology would have the greatest negative impact on you?

% By age group



Demand Management: Information

come visit the

ONE-STOP

Transportation

AS SEEN AT THE LLOYD DISTRICT TMA

Transit Passes
SmartMeter Cards
Flexcar registration
carpool registration

BUT WAIT, THERE'S MORE!

TRIP Planning
A Place to Buy
Fun Stuff

ACT NOW AND YOU ALSO GET:

Pedestrian Information
Bike locker rentals
Bike accessories

You mean I can get all that in one place?

YES! At the
Commuter connection

Store hours: Tue-Fri 11-4
700 NE Multnomah, Ste 340
www.ltdtma.com

LLOYD DISTRICT TMA

Newly registered car pools can earn a **FREE \$100 Gas Card!** Let us get you in a **CAR POOL or VAN POOL!** *** Get it

TMA

Greater Mercer Transportation Management Association

ADOLE GMTMA **Ridefinders** **Traffic** **Transit** **Employer Services** **Programs & Projects** **Gearing Up**

HOME **ABOUT US** **CONTACT US** **WHAT'S NEW?**

RED PROVIDE

Home • About Us • Ridefinders • Traffic • Transit • Employer Services • Programs & Projects • Gearing Up • Contact Us • Website Links

Incentivizing Alternatives



Incentivizing Alternatives



Parking Management





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MOBILITY

ACCESS/PLACE

PLANNING

Developing networks that link people to places

Integrating land use and placemaking with the transportation network

Transportation Planning

Urban Planning

P

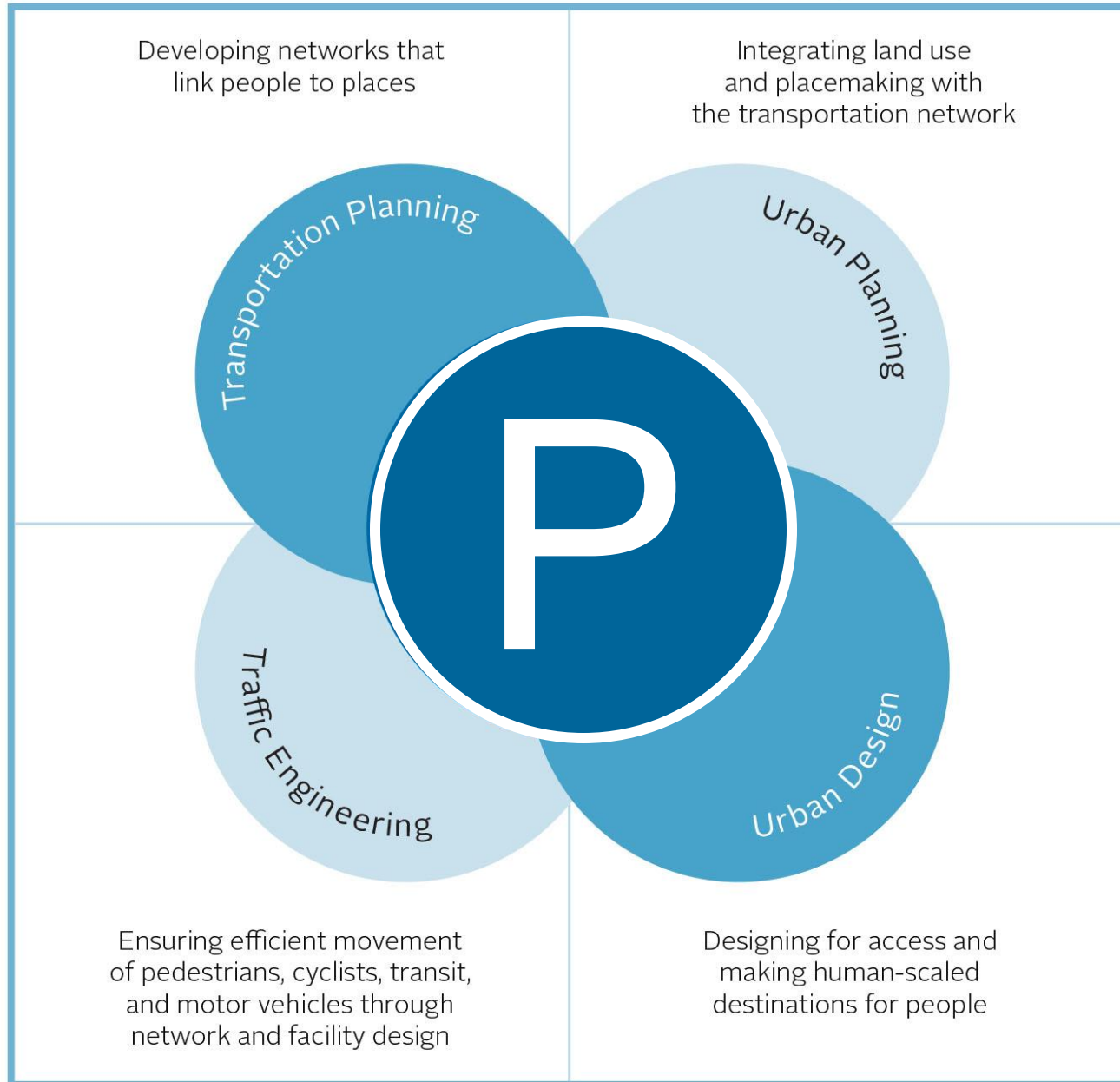
DESIGN

Ensuring efficient movement of pedestrians, cyclists, transit, and motor vehicles through network and facility design

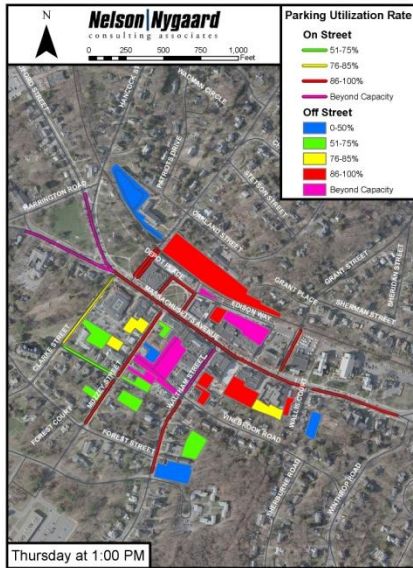
Designing for access and making human-scaled destinations for people

Traffic Engineering

Urban Design



National Expertise



Parking analysis



Technology implementation



Outreach events



Implementation planning



Code analysis

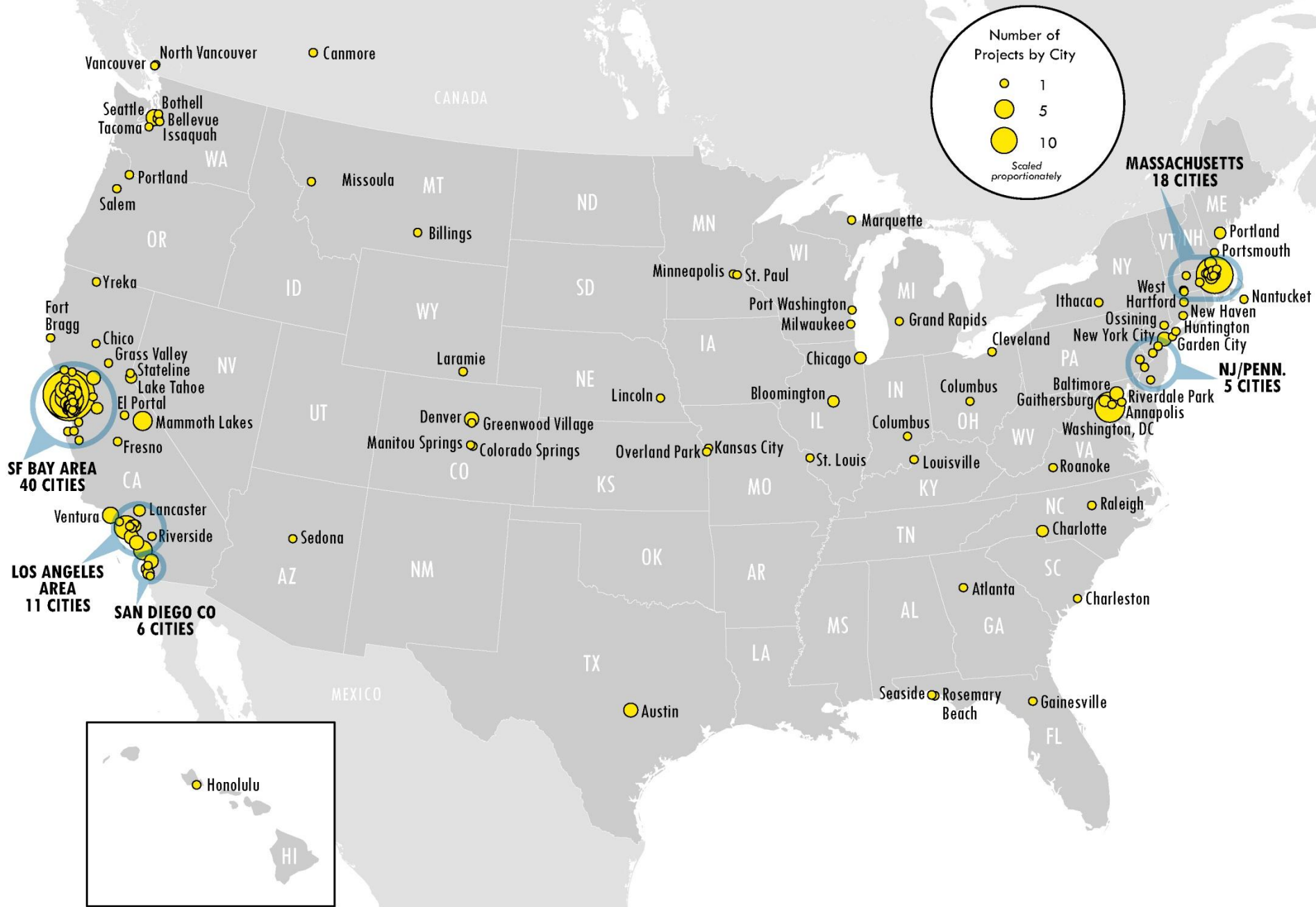


Multi-modal integration



Implementation planning

Parking and TDM Projects



National Expertise / Local Experience



MKSK



Columbus Short North Parking Study

Issues/Goals

- Enhance economic development and vitality of Short North and surrounding neighborhoods
- Provide a comprehensive set of parking data to inform community decision making
- Protect residential neighborhoods
- Provide convenient, accessible parking as part of a multimodal transportation system
- Recommend of a financially sustainable parking plan
- Improve convenience for City residents and visiting motorists
- Improved way-finding and directional signage
- Review and revise parking standards
- Explore new technology and recommend an approach
- Identify potential demand and explore locations for future parking
- Improve enforcement

Stakeholder Committee

Short North Commission /Associations Representatives

- Larry Totzke (Italian Village Society)
- Andy Klein (Italian Village Society)
- Ben Goodman (Italian Village Commission)
- Jason Sudy (Italian Village Commission)
- Mark Fazzina (Italian Village resident)
- Jeff Smith (Short North Civic Association)
- Chet Ridenour (Short North Civic Association)
- Betsy Pandora (Short North Alliance/Short North Special Improvement District)
- Sylvia Totzke (Short North Alliance)
- Ethan Hansen (University Area Commission)
- Joyce Hughes (Weinland Park Civic Association)
- Kristen Easterday (Harrison West Association)
- Jack Decker (Victorian Village Commission)
- Marc Conte (Victorian Village Commission)
- Kevin Wood (Transportation and Pedestrian Commission)

City of Columbus Representatives

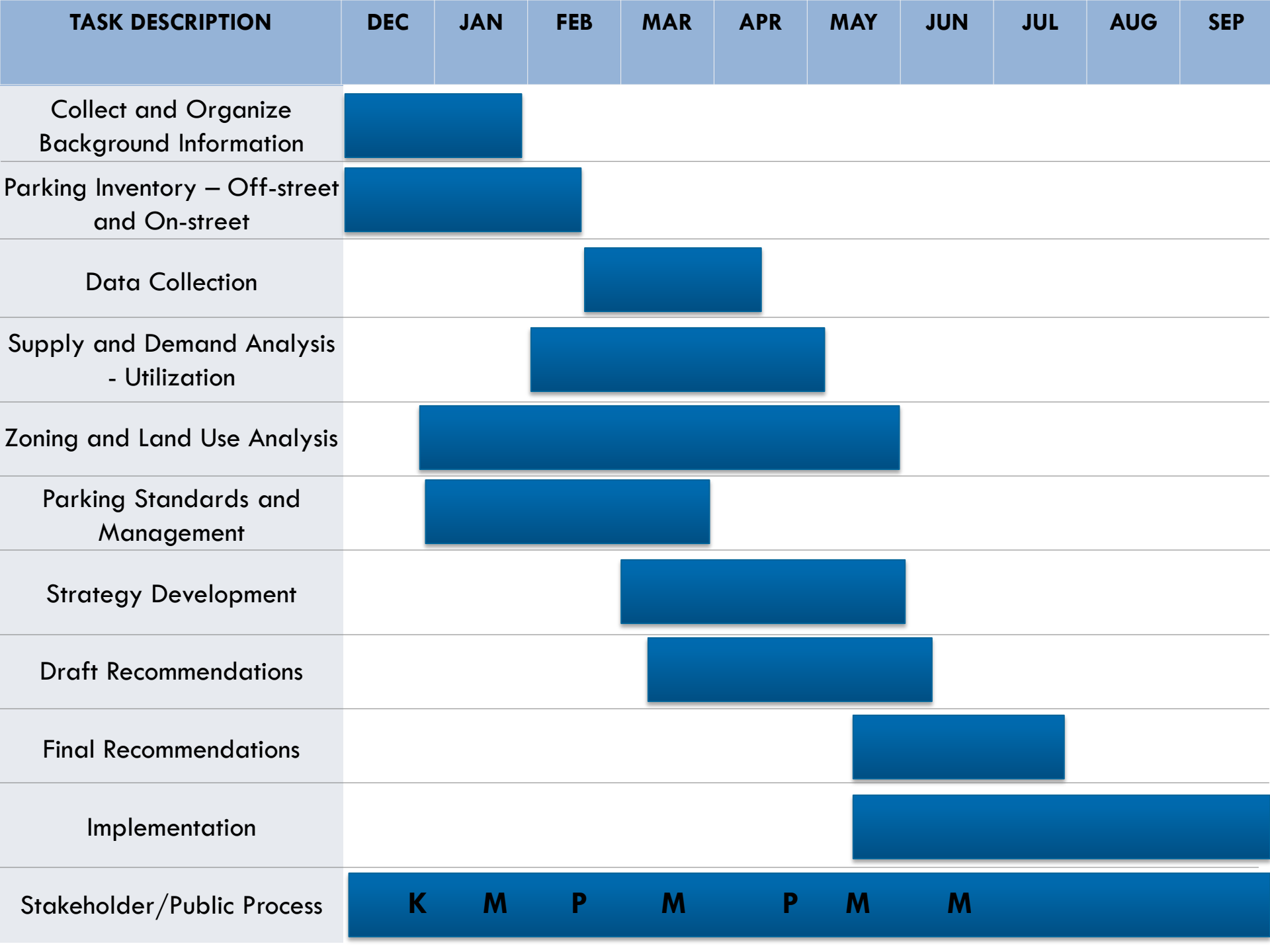
- Rebecca Barnhart (City Council)
- Adam Leddy (City Council)
- Randy Bowman (Public Service, project principal)
- Mike Tran (Public Service, project manager)
- Tracie Davies (Public Service Director)
- Jennifer Gallagher (Public Service Deputy Director)
- Mike Sexton (Public Service Assistant Director)
- Keith Keeran (Public Service – Parking Services Manager)
- Mike Mercurio (Public Service – Parking Violations Coordinator)

Short North Business Representatives

- Liz Lessner (Betty's/Surly Girl)
- Kyle Nichols (Charles Penzone)
- Mark Swanson (Cup O Joe)
- Joan Schnee (On Paper)

Other Key Stakeholders

- Bill Jennison (Franklin County Convention Center Authority)
- Mike Bradley (Central Ohio Transit Authority)



Scope

■ Background Data Collection

- Recent Studies
- Ongoing Development
- Traffic, Pedestrian and Bicycle Counts
- Transit Ridership
- City Programs and Procedures
- Technology
- Enforcement, Meter Operations, Revenue

Public Involvement Plan

- Regular Working Group Meetings
- Stakeholder interviews
- Online Survey
- Project Information Posted on City Website, with comments allowed
- Public meetings:
 - Open House/Charrette Meeting
 - Mid February
 - Draft Strategies/Recommendations
 - Mid Spring
 - Open House with Final Recommendations

1. User Questions

On behalf of the Town of Lexington, we are conducting a survey of parking activity and preferences. Your accurate responses will help to guide our recommendations in downtown Lexington.
THE SURVEY WILL TAKE LESS THAN 5 MINUTES - YOUR RESPONSE IS VERY IMPORTANT.
This survey is anonymous.
As you answer questions, please think back to the last day you traveled to downtown Lexington. This may be today or at some time in the past. This is intended to be a snapshot of your experience.

1. What zip code do you live in? (enter 5-digit ZIP code; for example, 47203)

2. How did you get to downtown Lexington today (or your most recent visit)?

☐ Drove

☐ Carpooled

☐ Walked

☐ Biked

☐ Took Transit

Other (please specify)

3. What was your PRIMARY purpose for coming to downtown Lexington today (or your most recent visit)?

☐ Work

☐ Dining

☐ Shopping

☐ Errands/Appointments

☐ I live here

☐ Connect to Express Commuter Shuttle or other commuter service

☐ Other (please describe)

4. How often do you come to downtown Lexington for this purpose?

☐ A few times a year or less

☐ Several times a month

☐ About once a month

☐ Several times a week

Ex. Lexington
Parking Survey



Parking Study

www.columbus.in.gov



YOUR OPINION IS IMPORTANT

Take a brief survey at
www.columbus.in.gov

Please plan to attend an

Open House

at The Commons Chaos Lobby
to share your concerns & ideas
August 28th at 11am-1pm or 4-7pm

For questions or comments please contact
parkingstudy@columbus.in.gov



Open Houses:



Inefficient space allocation in garages

Employees park on-street

Need more bike parking

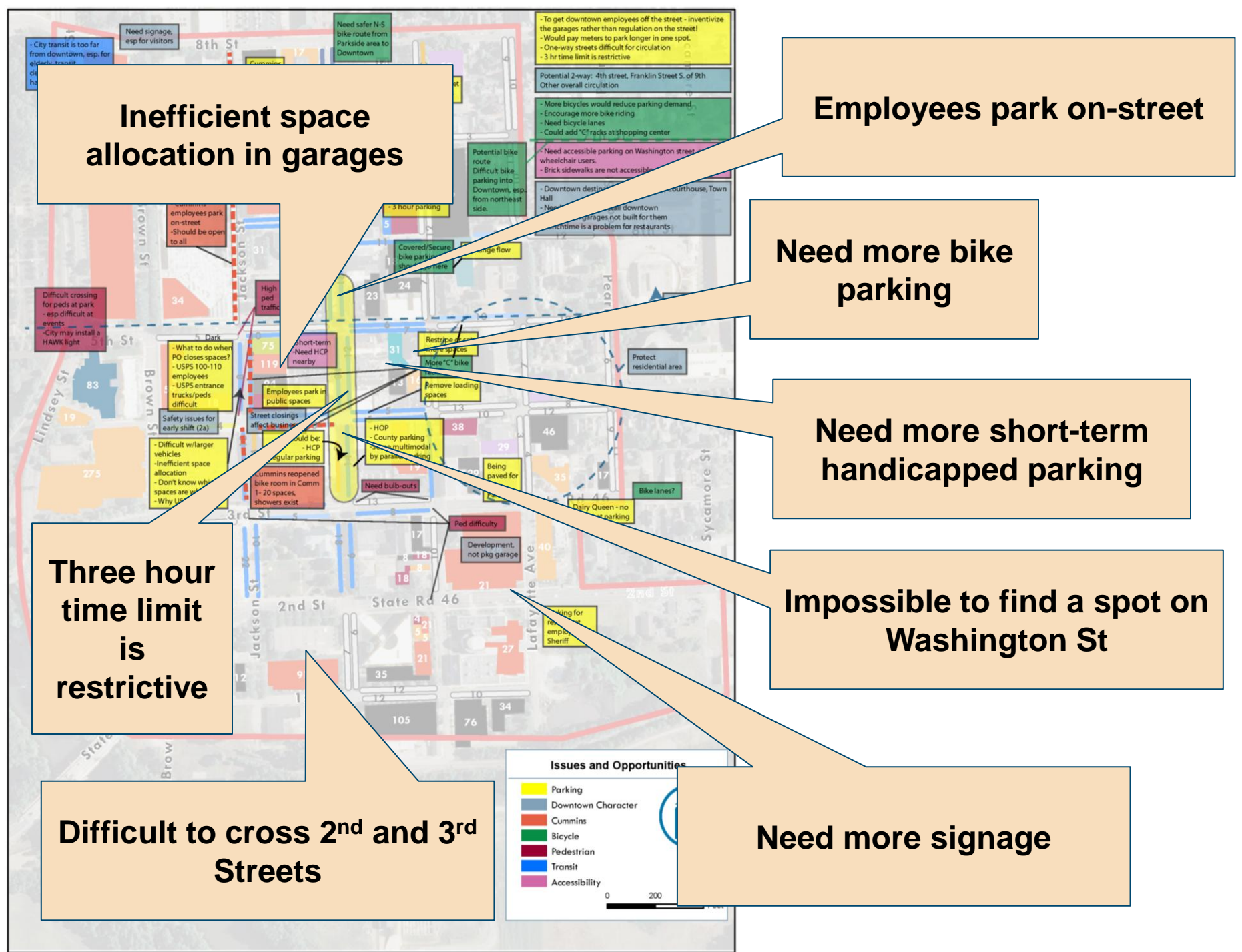
Need more short-term handicapped parking

Impossible to find a spot on Washington St

Three hour time limit is restrictive

Difficult to cross 2nd and 3rd Streets

Need more signage



Community Parking Survey

General Survey

COLUMBUS PARKING SURVEY

HOW CAN WE IMPROVE YOUR PARKING EXPERIENCE?

Please help us understand your parking habits and preferences! You can also see the survey online at www.columbus.gov/parking. Another survey is out at the Columbus Convention Center. Please call 614/321-7141, 24hrs, 7 days a week for more info. Thank you!

General Survey

1. What ZIP code do you live in? _____

2. How did you get to downtown Columbus today (or your most recent visit)?
☐ Drive ☐ Carpool ☐ Walk ☐ Bike ☐ Taxi ☐ Other _____

3. What is your primary purpose for coming to downtown Columbus today (or your most recent visit)?
☐ Work ☐ Dining ☐ Shopping ☐ Entertainment ☐ Visit home ☐ Other _____

4. How often do you come to downtown Columbus for this purpose?
☐ At least once a year ☐ At least once a month ☐ Several times a month ☐ Several times a week

5. Reasons I go to downtown Columbus are (check up to five):
☐ Convenience to my home ☐ Can't find a place to park ☐ Want to purchase something locally ☐ Enjoy the neighborhood ☐ Unique shopping experience ☐ Unique dining experience ☐ Historic and scenic ☐ Ability to walk to many different restaurants and shops ☐ Work ☐ Family's choice ☐ Other _____

6. Reasons I DON'T go to downtown Columbus are (check up to five):
☐ Convenience to my home ☐ Can't find a place to park ☐ Want to purchase something locally ☐ Enjoy the neighborhood ☐ Unique shopping experience ☐ Unique dining experience ☐ Historic and scenic ☐ Ability to walk to many different restaurants and shops ☐ Work ☐ Family's choice ☐ Other _____

Your Parking Experience

7. Today, or the most recent day you drove into Columbus, where did you park?
☐ On Street ☐ Private Lot ☐ Public Lot ☐ Public Garage ☐ Local spot in public or private lot

8. If you parked on street, which street did you park on?
☐ Seventh St. ☐ Sixth St. ☐ Fifth St. ☐ Fourth St. ☐ Third St. ☐ Second St. ☐ Jackson St. ☐ Washington St. ☐ Franklin St.

9. If you parked in a lot or garage, which one?
☐ Jackson St. Parking Garage ☐ Second St. Garage ☐ Public lot on Franklin St. between Sixth and Seventh - East ☐ Public lot on Franklin St. between Sixth and Seventh - West ☐ Public lot on Franklin St. ☐ Public lot at corner of Jackson and Third St. ☐ Other _____

10. Do you always park in the same location or do you search? ☐ Search ☐ Same location ☐ Search

11. How long did it take you to find a spot to park today? (circle one)
ON THE BEST DAY? _____ minutes
ON THE WORST DAY? _____ minutes

12. What is the most important consideration for you in choosing where to park in Columbus?

	Not important	Somewhat important	Very important
Type of parking (street, lot, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Location	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cost of parking (if any)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Time limit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Safety (security)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Weather	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Tourist/Visitor Survey

TOWN OF CONCORD PARKING STUDY VISITOR SURVEY - SUMMER 2012

What is your home zip code? _____

How often do you visit Concord? (circle one)

First time About once a year Several times a year Several times a month

How did you get here today? (circle one)

Car Tour Bus Commuter Rail Walk Bike

Where did you park today (be specific)?

In a Parking Lot (e.g. behind Visitor's Center, near Post Office, etc): _____

On the street (What street?): _____

Are you visiting multiple places in Concord today? YES NO

If yes, will you move your car or leave it? Move Leave

How long do you plan on visiting Concord today?

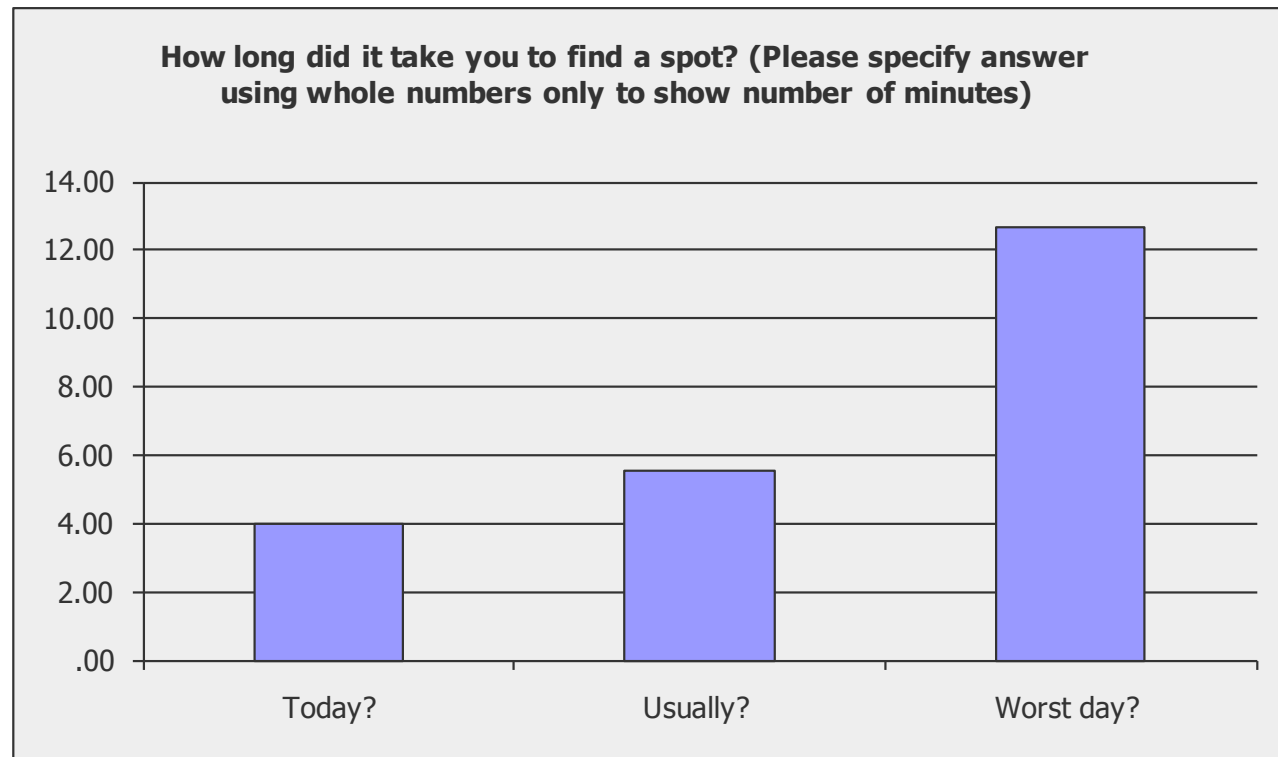
< 1 hour 1-2 hours 2-4 hours 4+ hours

Did you know where to park? _____

Explain (write on back of form if needed).

Community Parking Survey

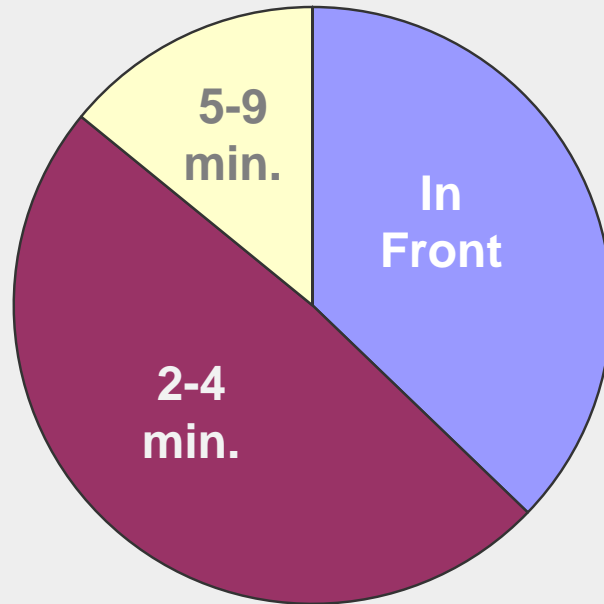
PARKING PERCEPTIONS



Community Parking Survey

PARKING REALITY

How close to your primary destination did you park?

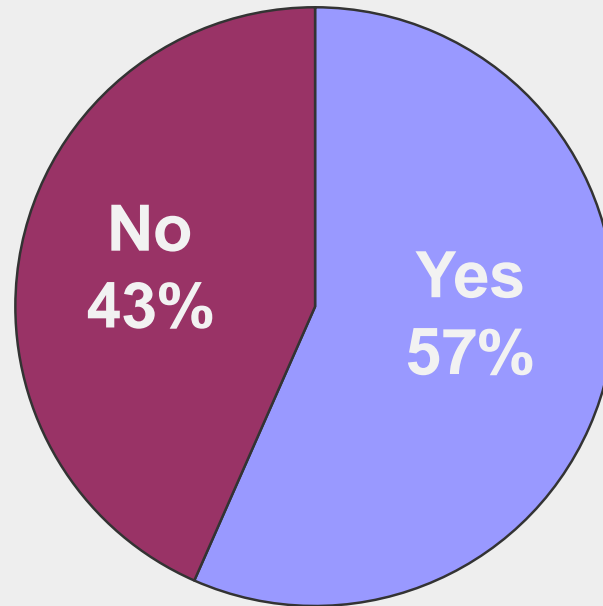


- Right in front/1 minute walk
- 2 to 4 minute walk
- 5 to 9 minute walk
- 10 to 14 minute walk
- 15+ minute walk

Community Parking Survey

THE REAL PROBLEM YOU NEED TO ADDRESS

Have you ever failed to find parking and just left?

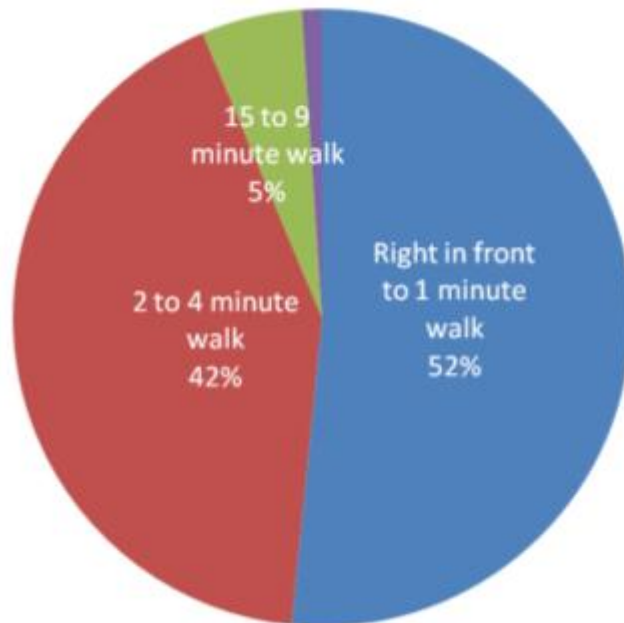


Community Parking Survey

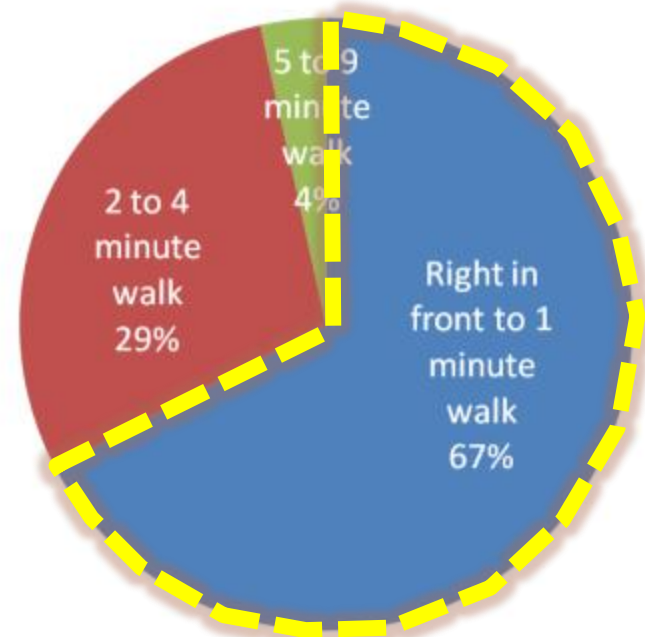
THE REAL PROBLEM YOU NEED TO ADDRESS - PART 2

How far away from your destination do you usually park?

Customers



Employees



Scope

■ Parking Utilization and Analysis

- OffStreet Parking
- Onstreet Parking
- Public Parking
- Private Parking
- Weekday Counts
 - Typical Day
 - Every 2 hours in Focus Area
 - Multiple times in Other Areas
 - Morning (7am/8am) to Late Evening (9pm/10pm)

SHORT NORTH DISTRICT BOUNDARY

FOCUS AREA BOUNDARY

Map showing the Short North District boundary (blue dashed line) and the Focus Area boundary (yellow dashed line). The map includes street names, a north arrow, and a scale bar.

Columbus, IN Parking Supply and Regulations

LEGEND

- Resident
- Customer/ Visitor
- Employee
- USPS
- Restricted; Reserved; Reserved 8a-5p
- Church
- Library
- Hotel
- Unregulated

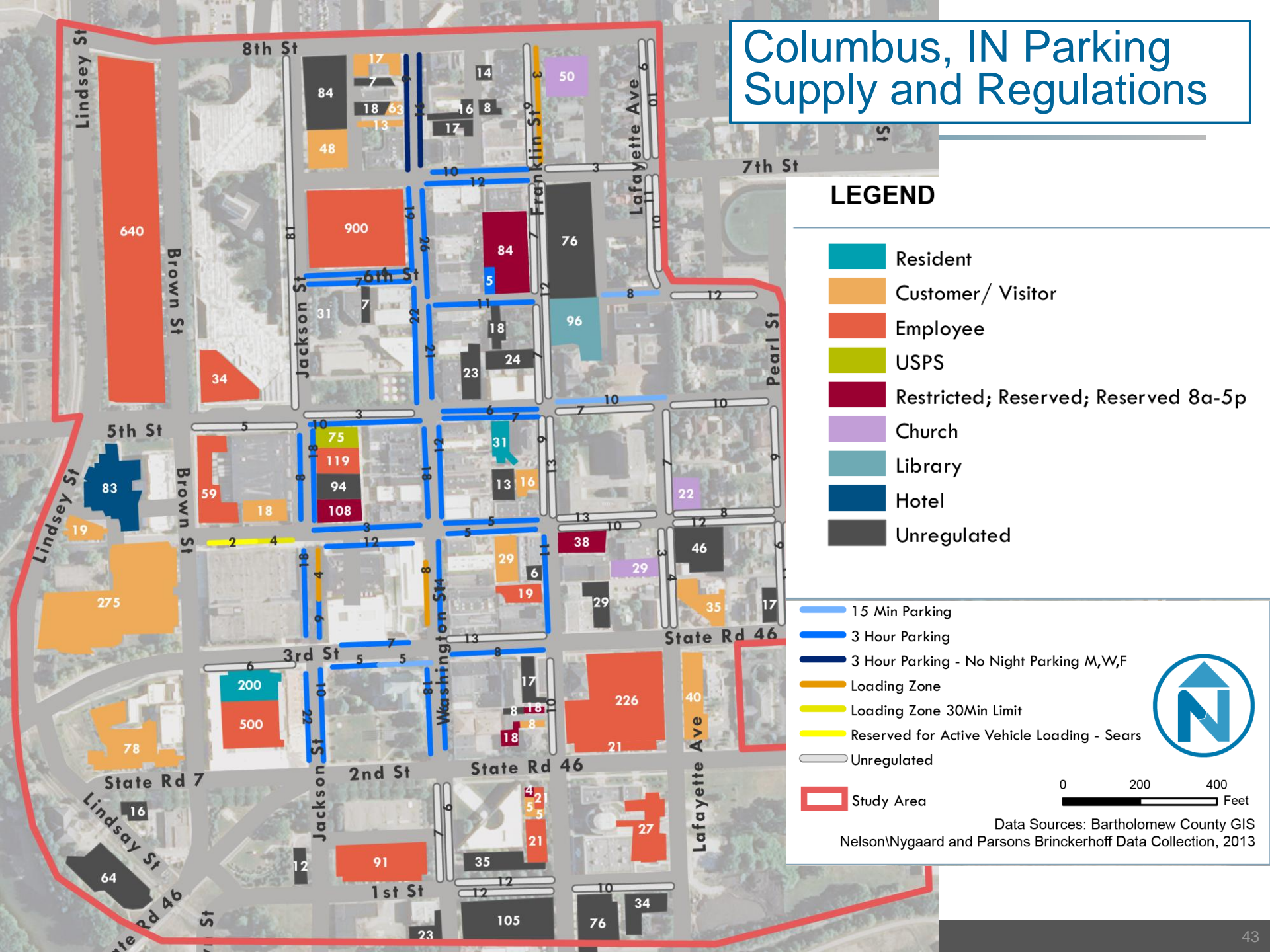
- 15 Min Parking
- 3 Hour Parking
- 3 Hour Parking - No Night Parking M,W,F
- Loading Zone
- Loading Zone 30Min Limit
- Reserved for Active Vehicle Loading - Sears
- Unregulated

Study Area



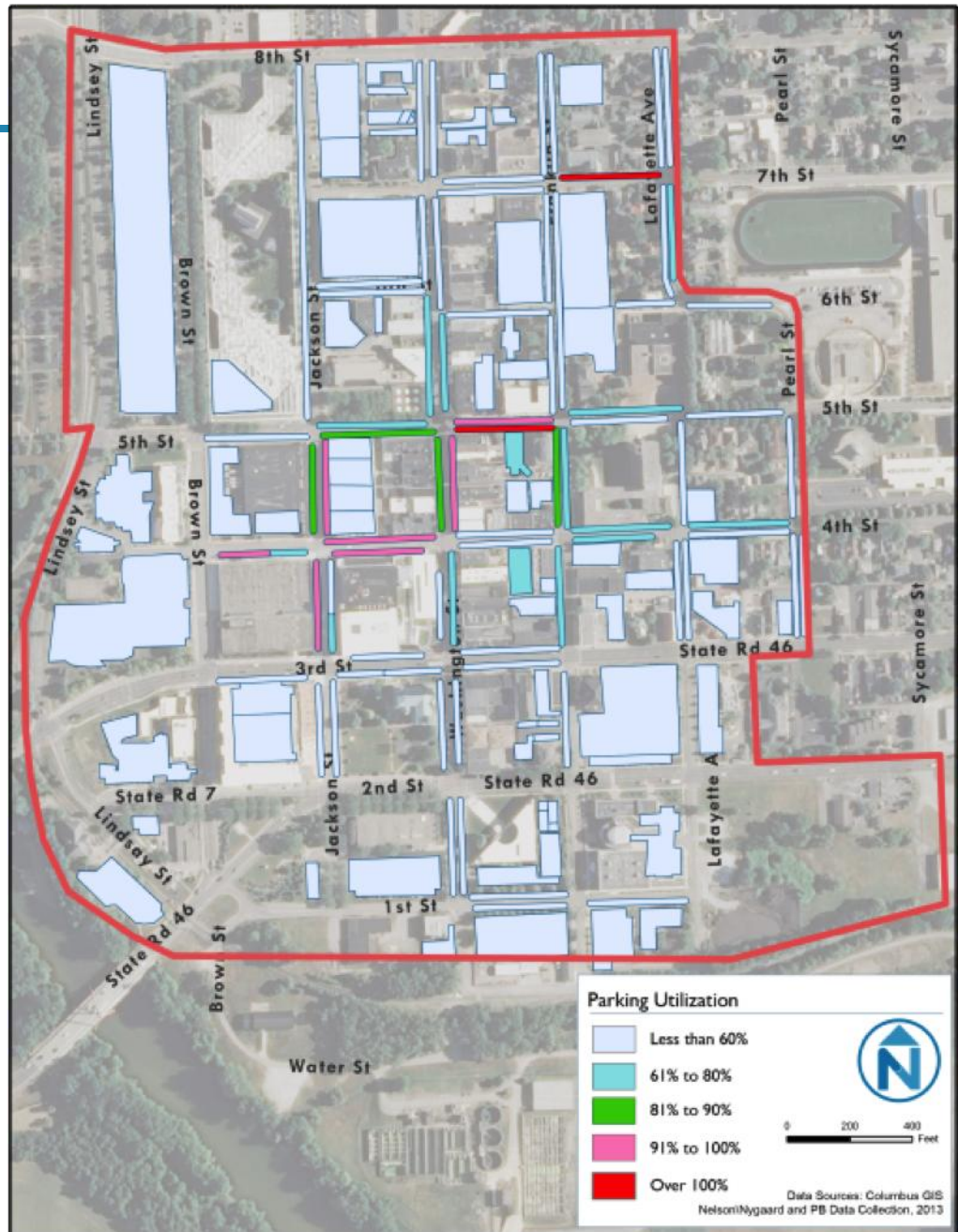
0 200 400 Feet

Data Sources: Bartholomew County GIS
Nelson\Nygaard and Parsons Brinckerhoff Data Collection, 2013

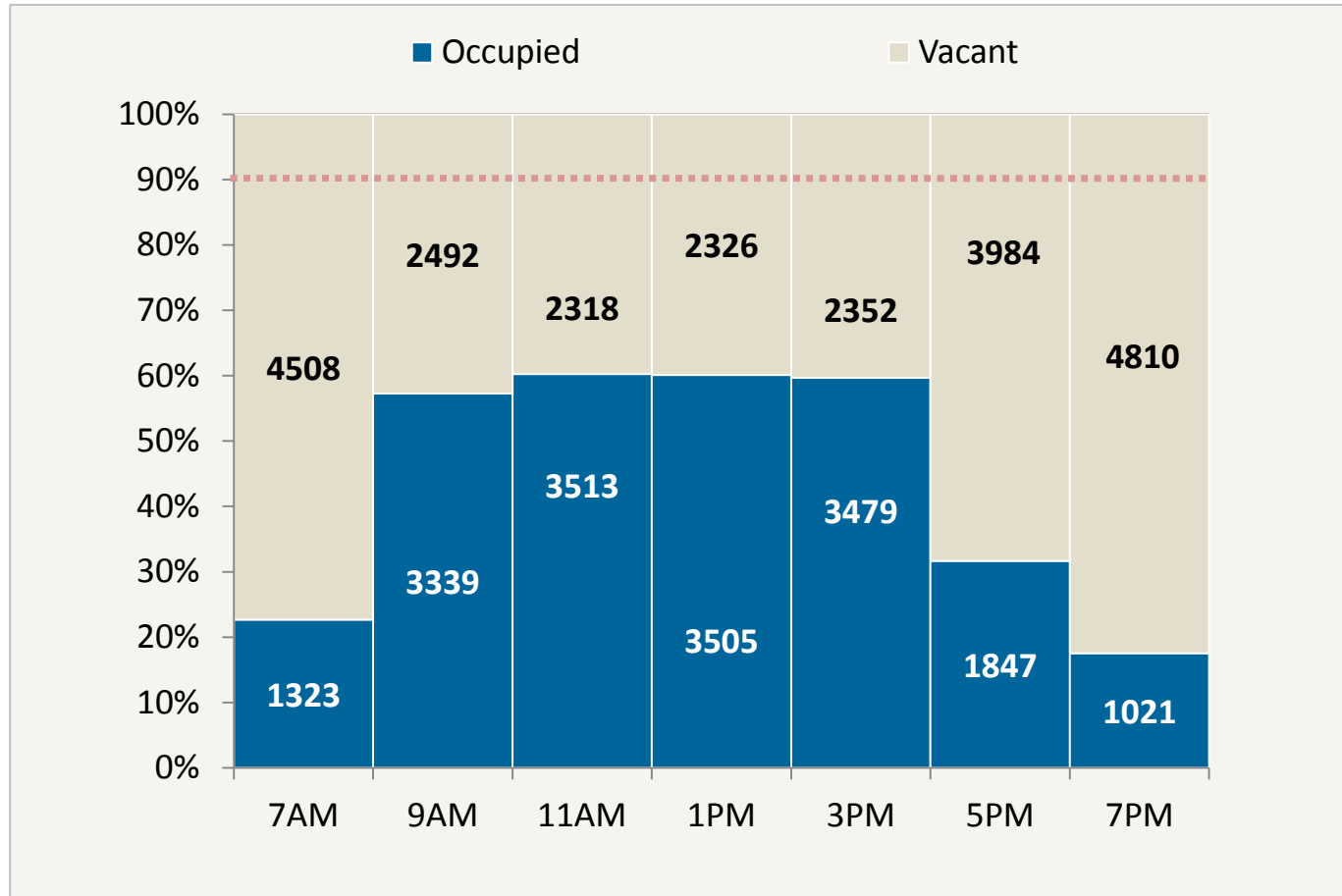


Weekday Utilization Maps

- 7 am
- 9 am
- 11am
- 1 pm
- 3 pm
- 5 pm
- 7 pm

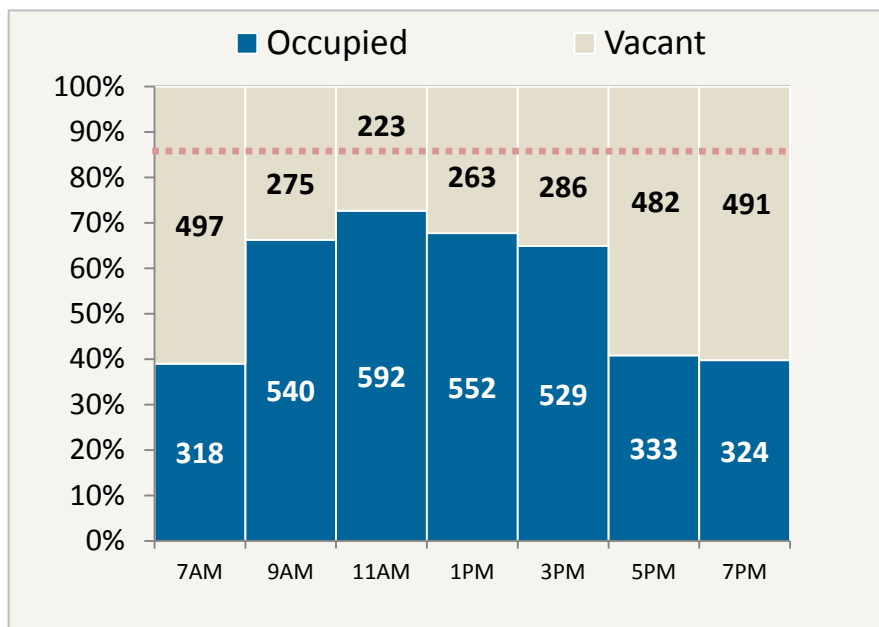


Weekday Parking Utilization

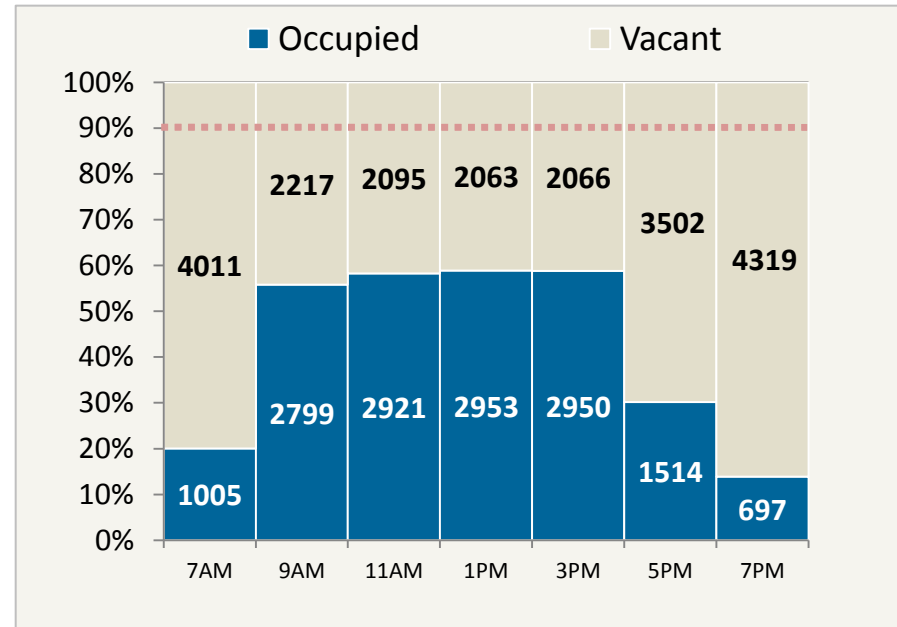


Weekday Parking Utilization

On-Street Parking

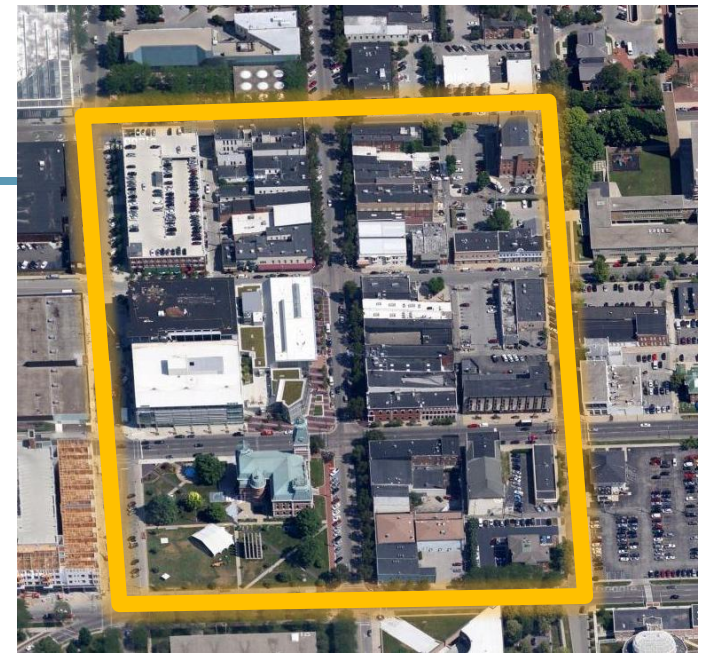
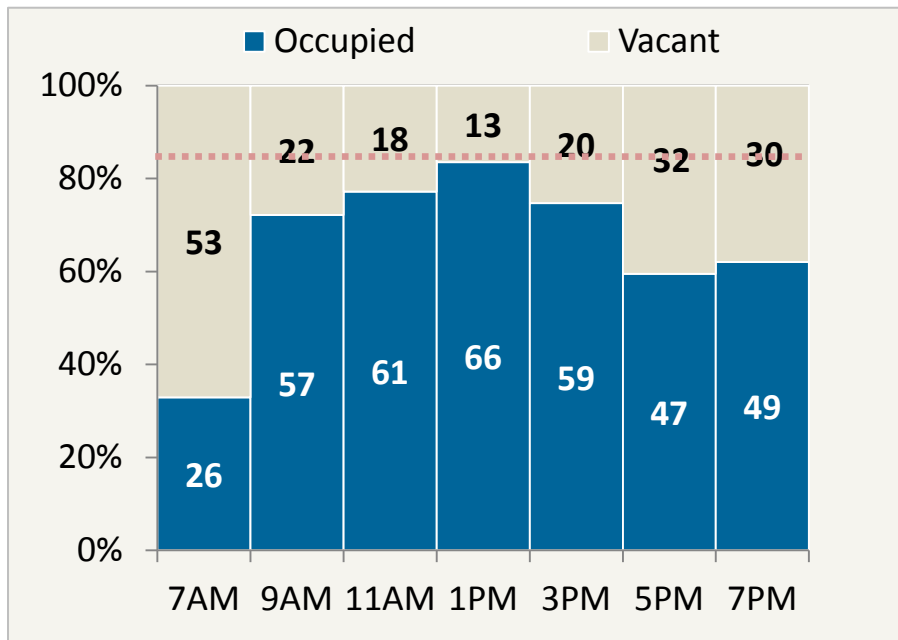


Off-Street Parking

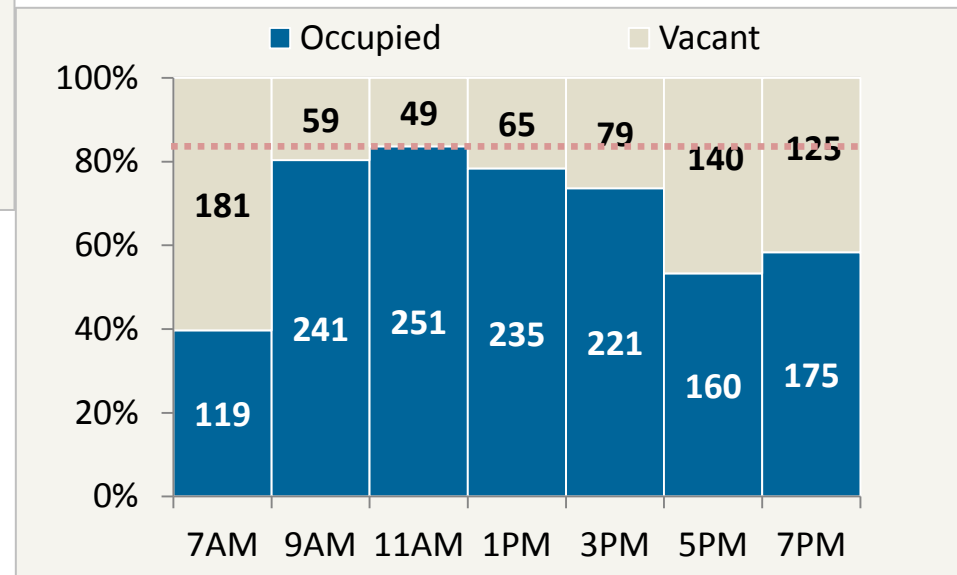


Weekday Parking Utilization

Washington Between 2nd and 5th

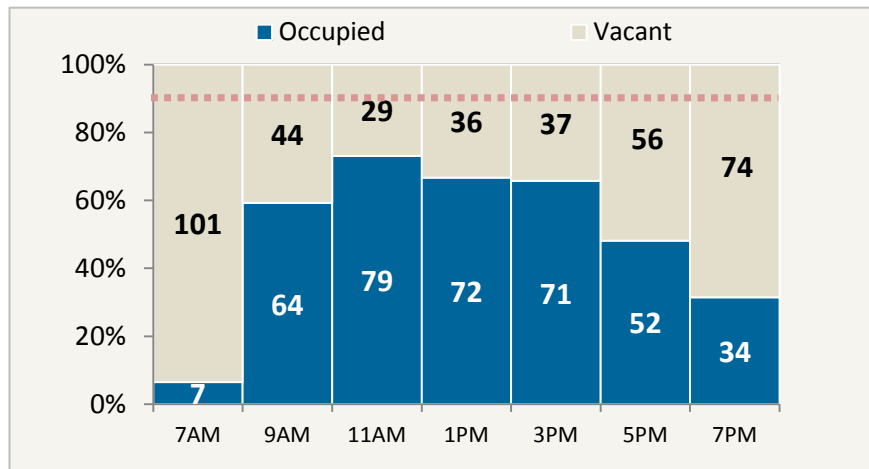


"Core" Area

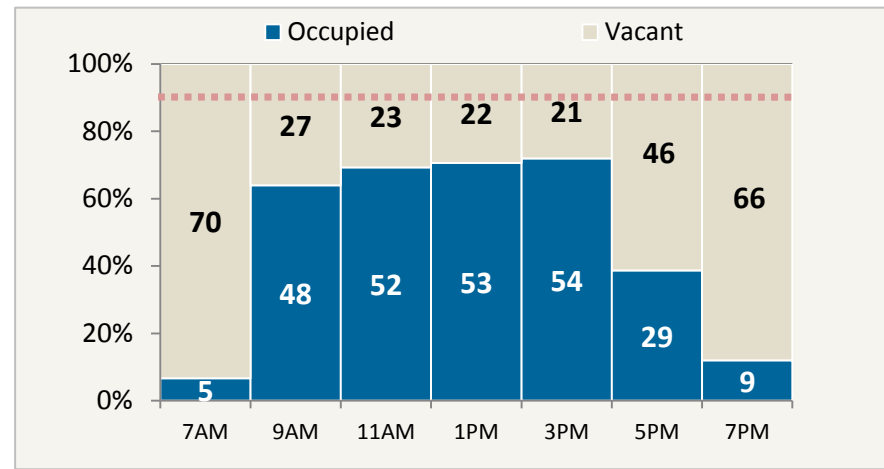


Jackson Street Garage

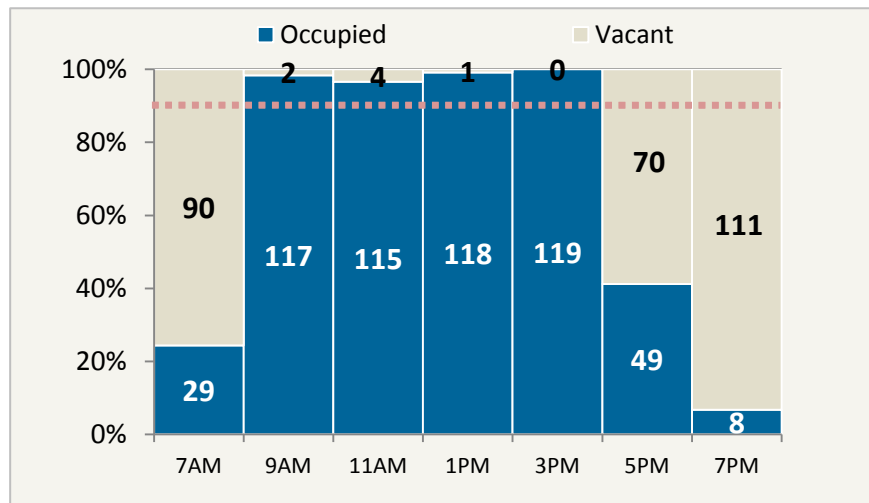
Leased Spaces



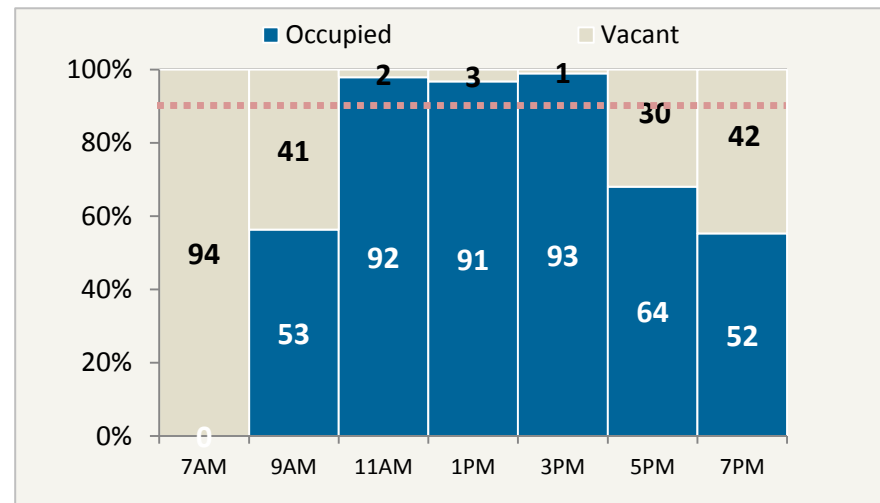
USPS Spaces



Cummins Spaces



Public Spaces



Scope

■ Zoning and Land Use Analysis

- Review Zoning Code
- Parking Requirements (minimums/maximimums/exemptions)
- Recent Development Experience
- Shared Parking Opportunities
- Land Use/Parking Generation Analysis

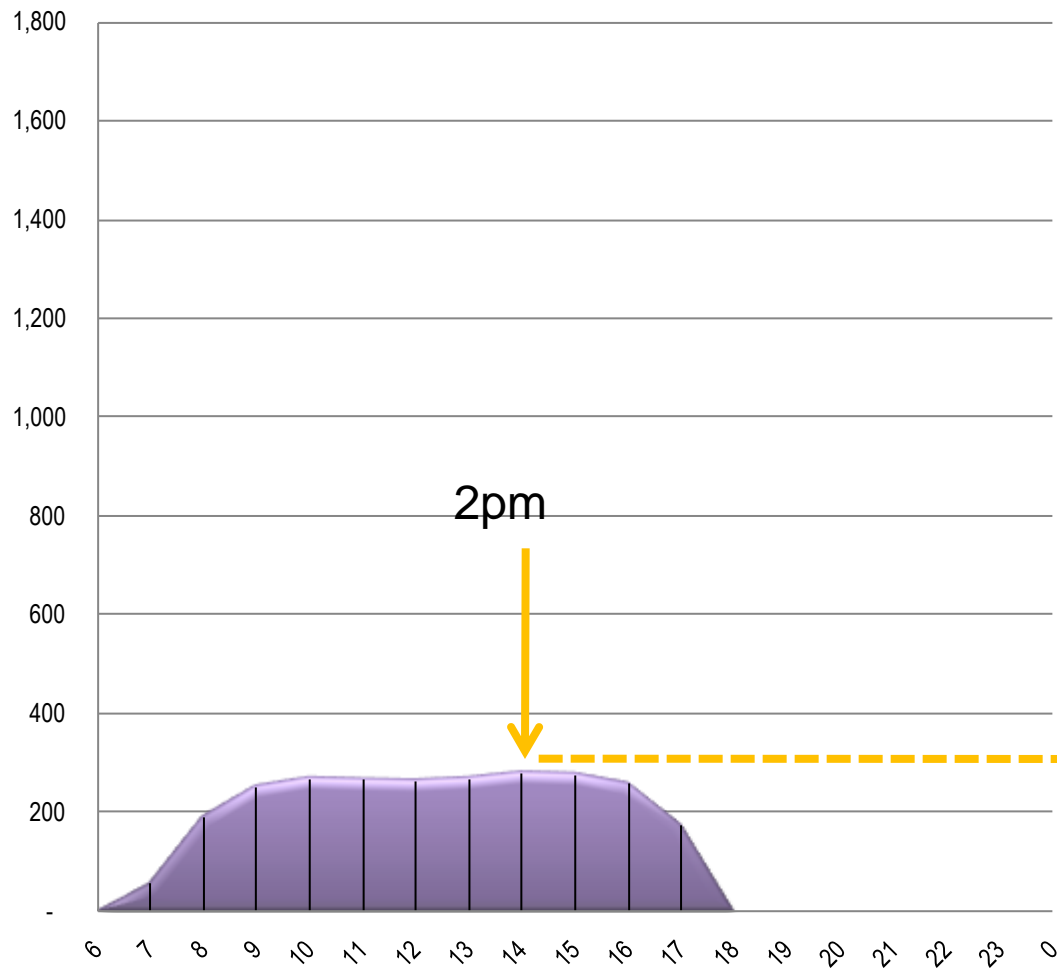
Land Use in Overland Park, KS

Land Use	Sq Ft (GFA = GLA*10%)	Percent of Total
Retail	285,168	49%
Public Facilities/ Government	115,226	20%
Office	67,152	12%
Industrial	63,206	11%
Restaurant	50,196	9%
TOTAL	580,864	

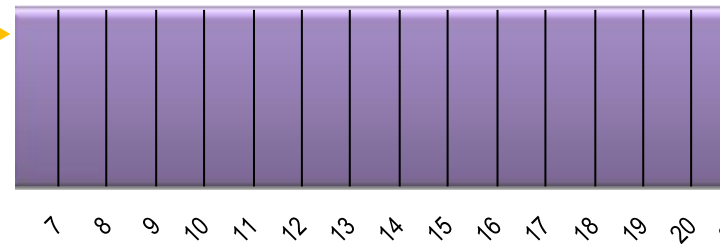
Shared Parking



Example: Office (150k SF): Real Demand

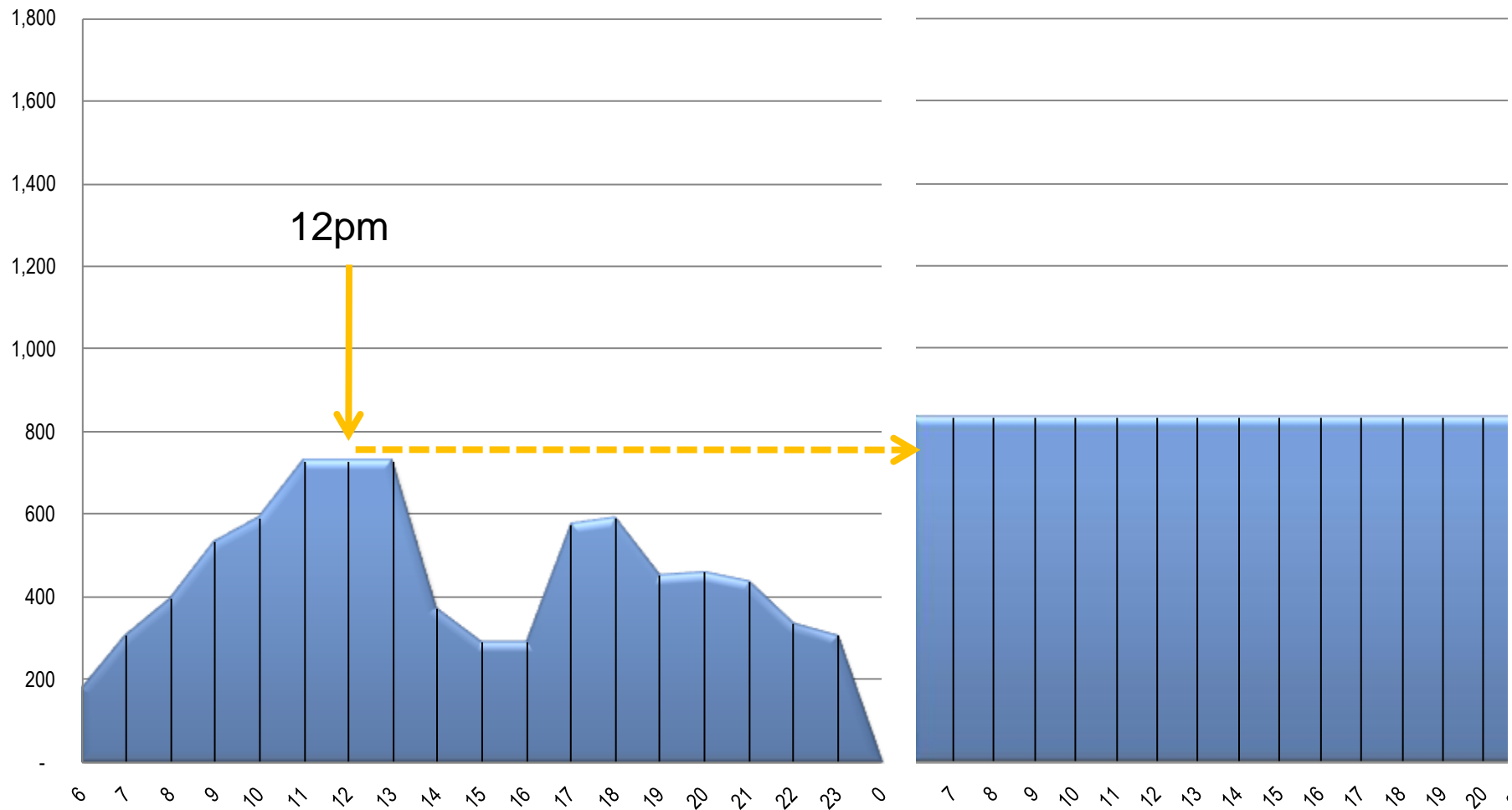


Unshared Supply



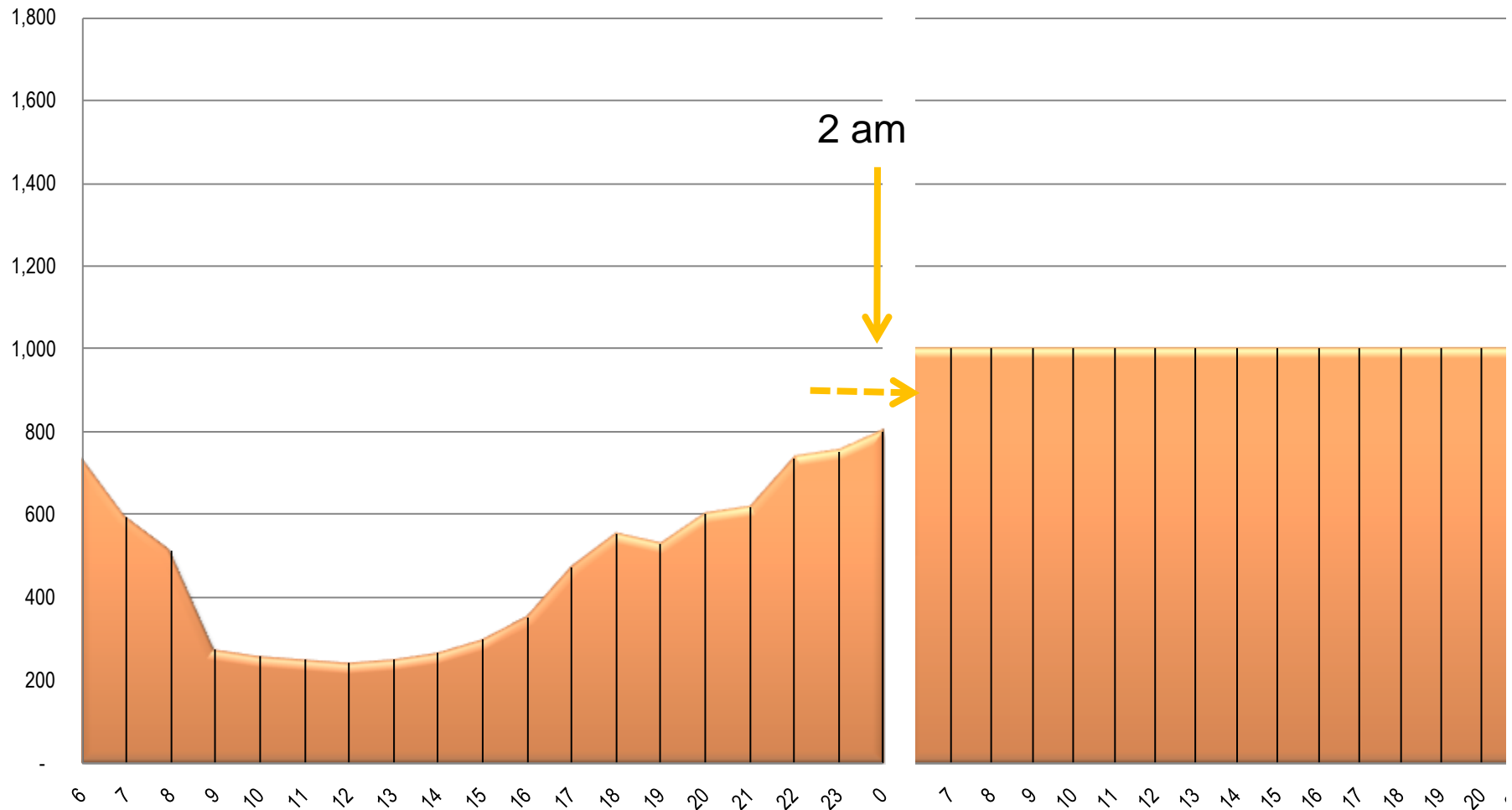
Example: Restaurant (150k SF): Real Demand

Unshared Supply

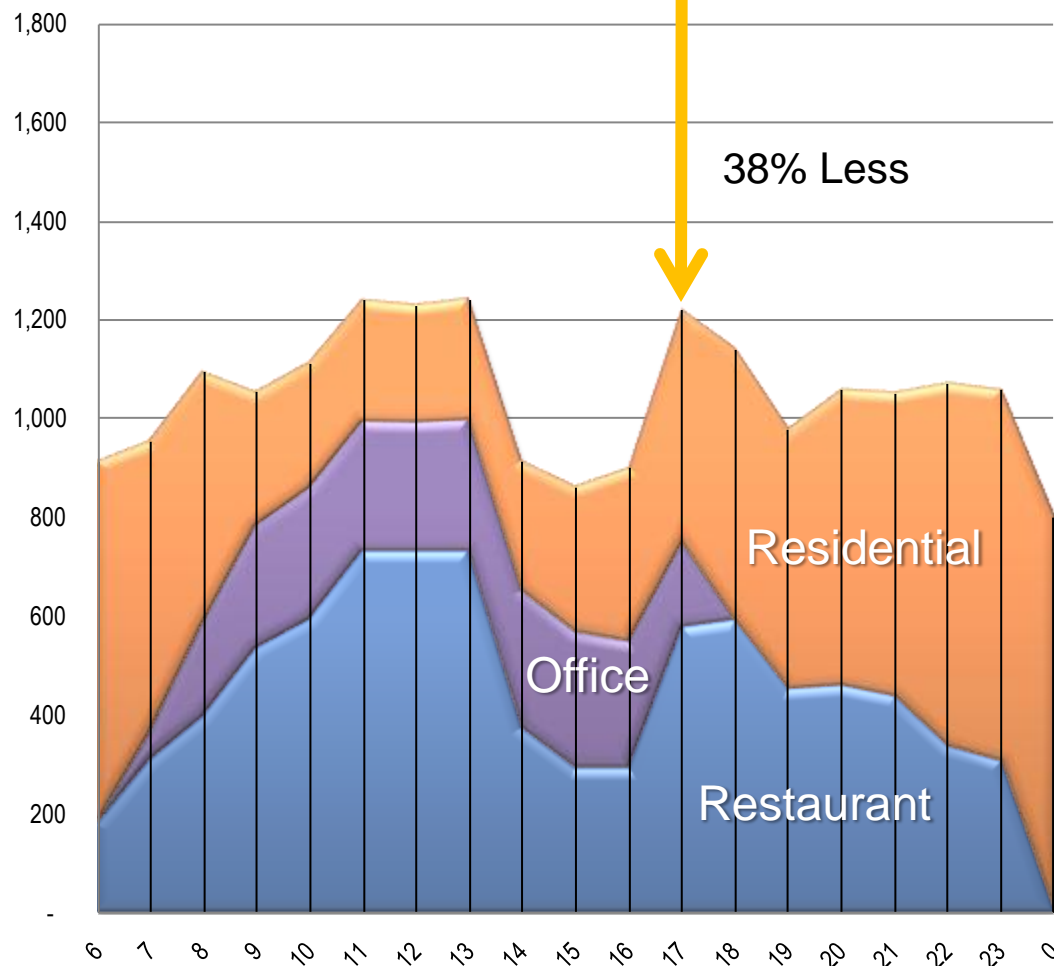


Example: Residential (1000 units): Real Demand

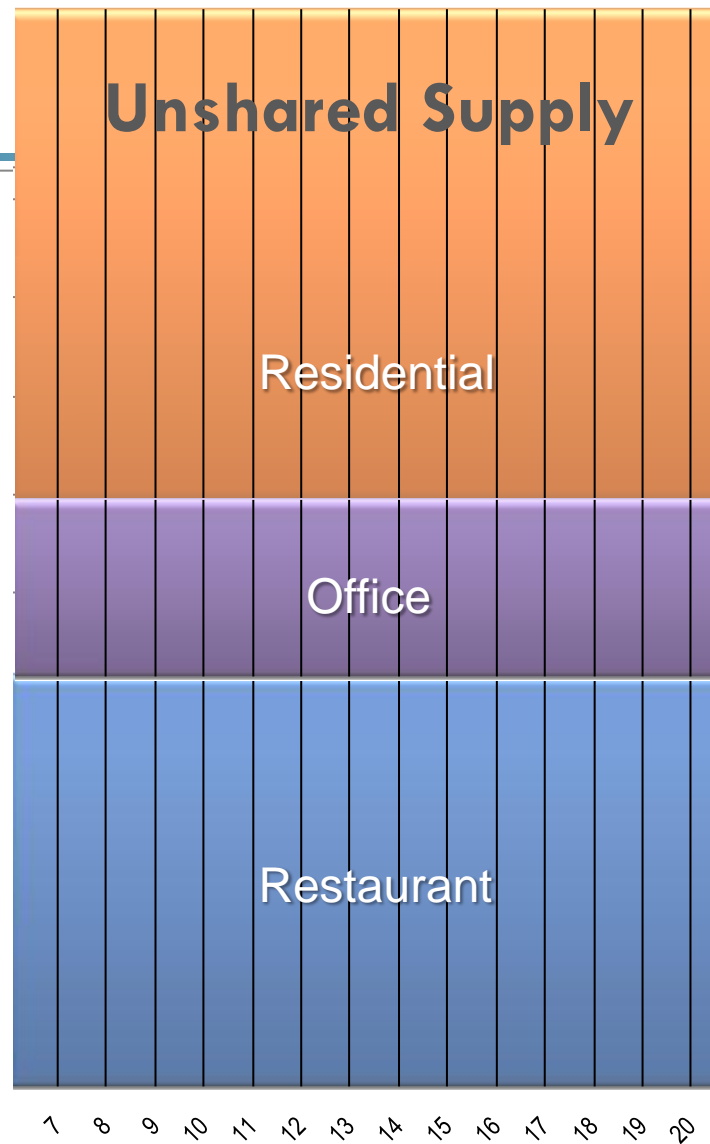
Unshared Supply



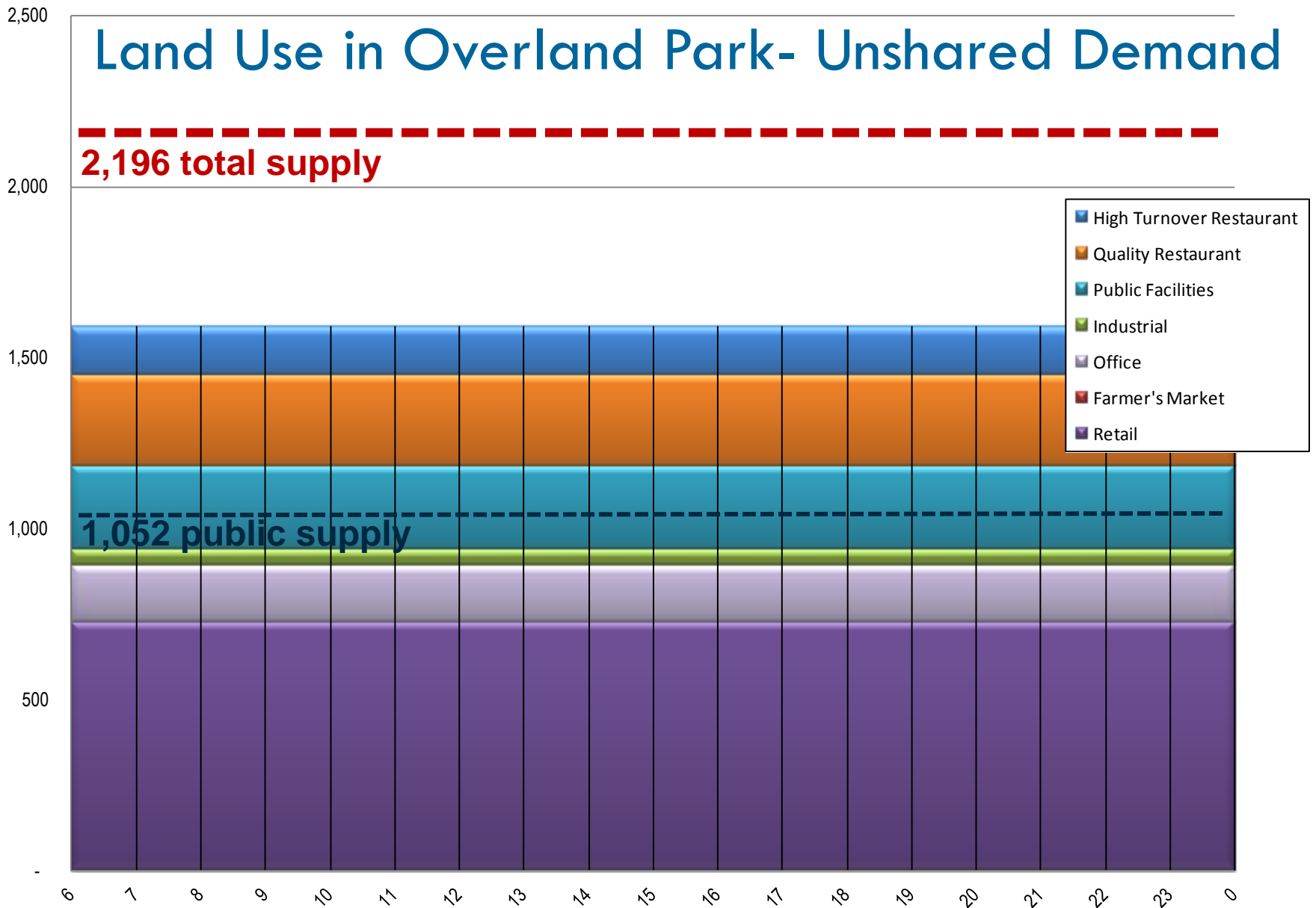
Real Demand



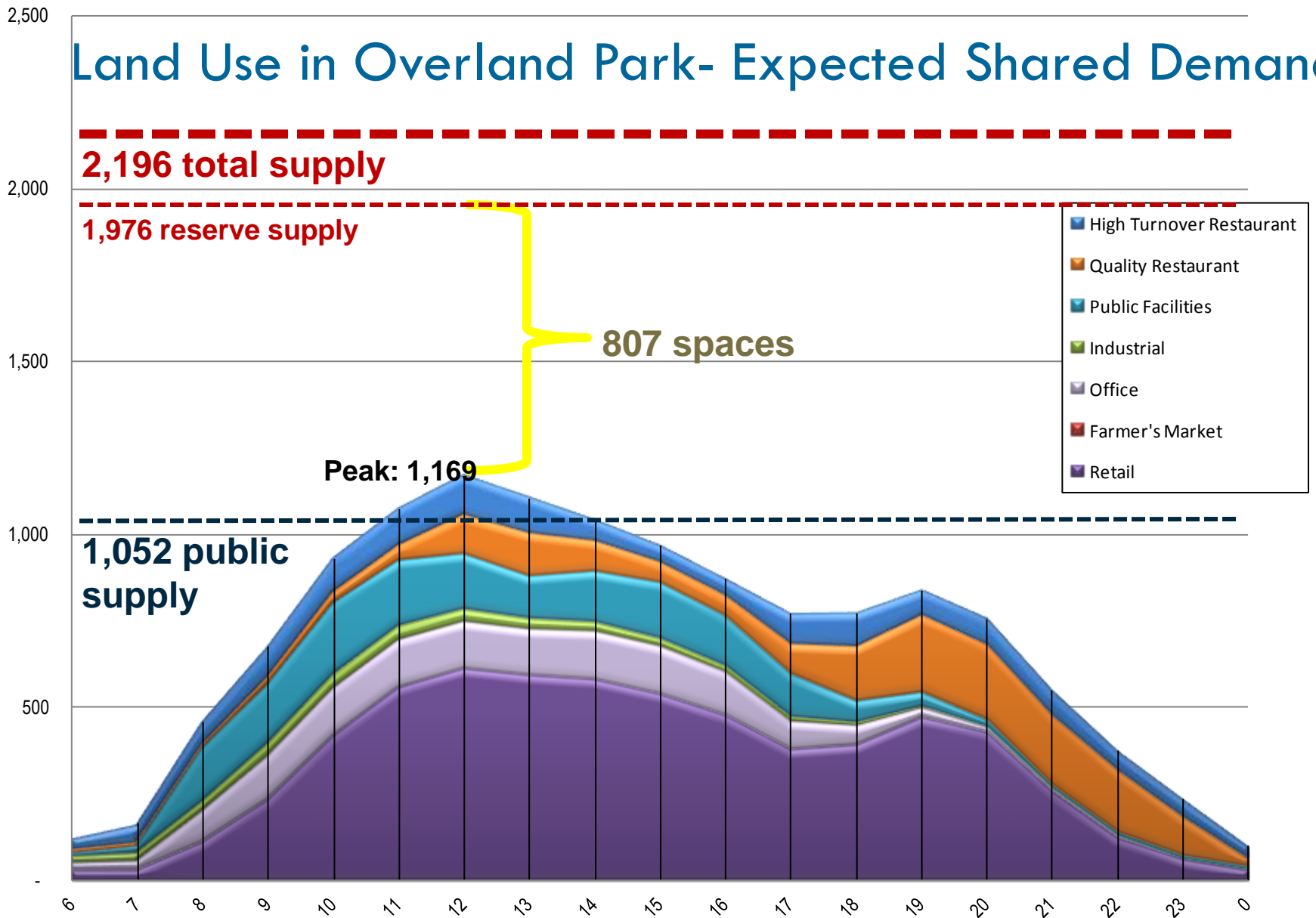
Unshared Supply



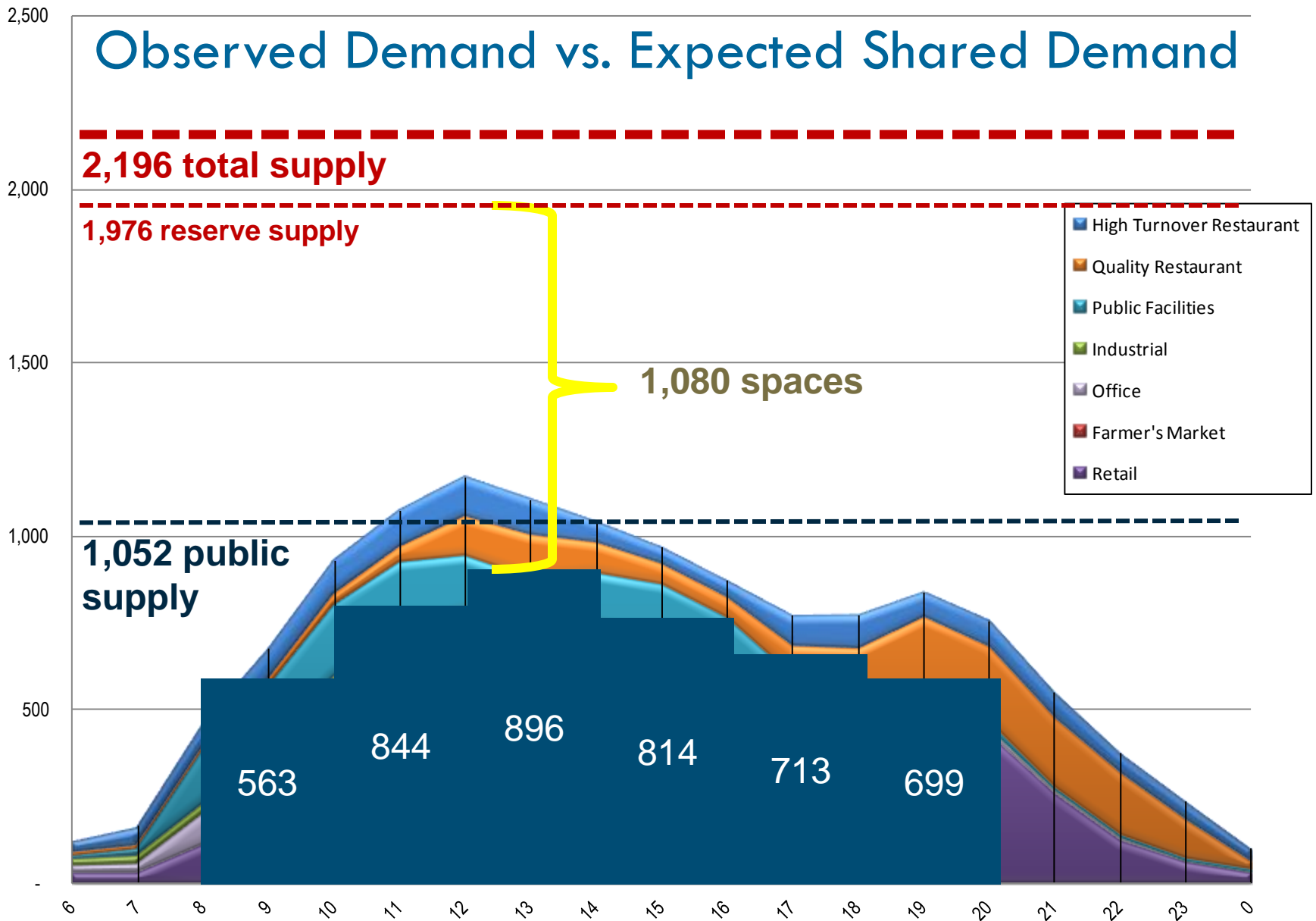
Land Use in Overland Park- Unshared Demand



Land Use in Overland Park- Expected Shared Demand



Observed Demand vs. Expected Shared Demand



Scope

■ Parking Standards and Management

- City Design Standards
- Management and Enforcement
- Technology
- Special Requests
 - Resident Permit Parking
 - Valet
 - Loading Zones
 - New Initiatives – Employee Permits in Residential Areas
- Enforcement

Scope

- **Parking Management Strategies and System Design**
 - Recommendations for Current and Future Parking Needs
 - Development of Parking Management Structure
 - Methods to Finance and Administer Parking Systems
 - Development of Parking Standards
 - Recommendations for Potential Parking Locations
 - Development of a Parking Build-Out Plan

Report and Plan

Demand Management

- Pricing
- Time Limits
- TDM
- Pedestrian access
- Signage

Administration

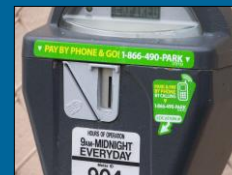
- Permit programs
- Governance
- Management structure

Supply Expansion

- Striping efficiencies
- Shared parking
- Additional off-street supply

A Suite of Strategies:

- Cost to implement
- Long-term costs
- Required approvals
- Time frames
- Responsible parties



Development of Preliminary Options

Demand Management

- Pricing
- Time limits
- TDM
- Pedestrian access
- Signage



A Suite of Strategies

- Cost to implement
- Long-term costs
- Required approvals
 - Time frames
- Responsible parties

Supply

expansion

- Striping efficiencies
- Shared parking
- Additional off-street supply



Administration

- Permit programs
- Governance
- Management structure



Concord Parking Recommendations

