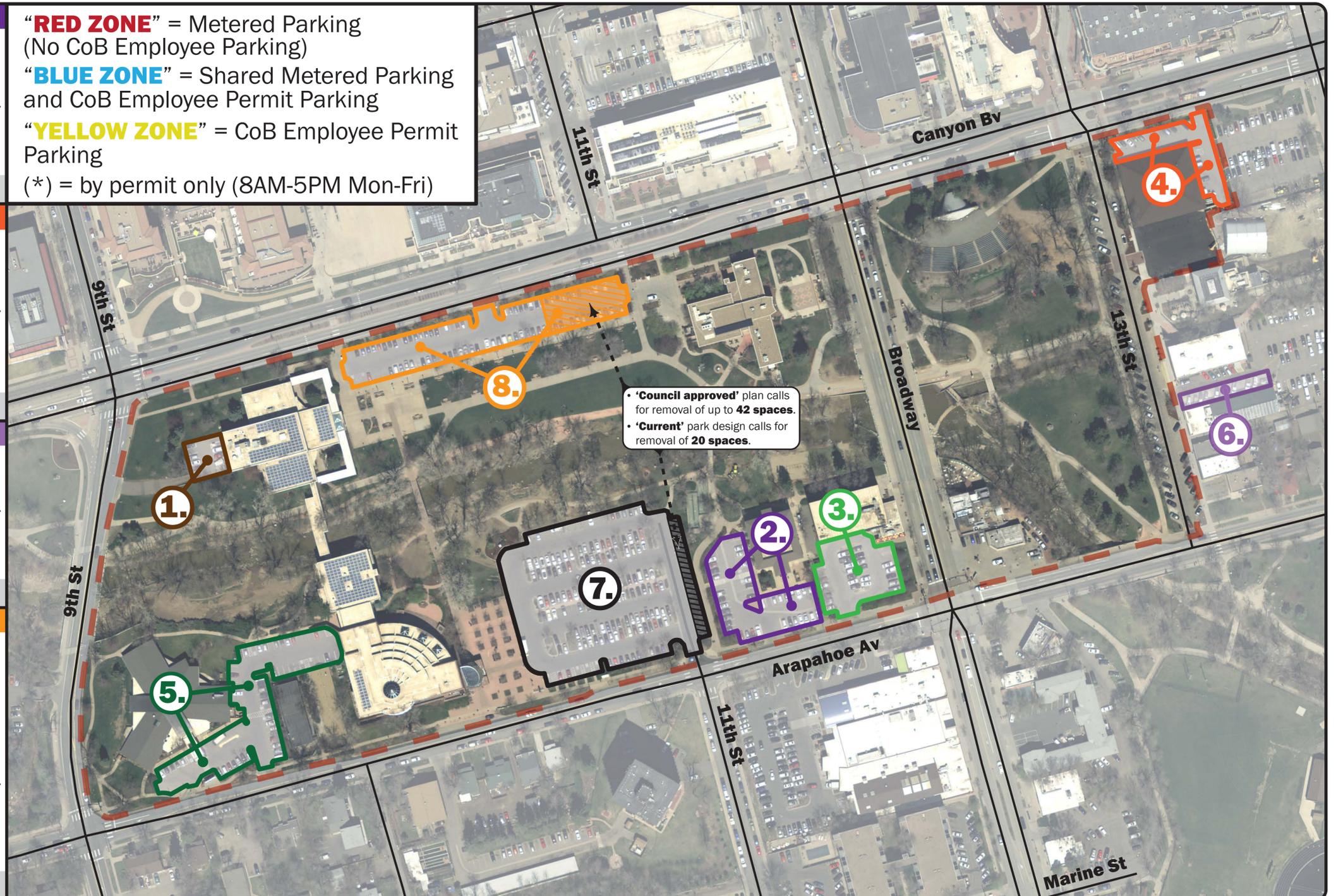


# Civic Area-Parking Changes

The Civic Area has **674 total spaces**, of which **458 spaces** are associated with the **Civic Area Parking Study**.

<p><b>1. Library Lot (9th Street Access)</b></p> <p><b>Past:</b></p> <ul style="list-style-type: none"> <li>• 7 City Employee Only</li> <li>• 1 Channel 8 Vehicle parking</li> </ul> <p><b>8 Total Spaces</b></p> <hr/> <p><b>Future:</b></p> <ul style="list-style-type: none"> <li>• 6 "YELLOW ZONE" Permit spaces</li> <li>• 1 Channel 8 Vehicle parking</li> <li>• 1 City Library Vehicle parking</li> </ul> <p><b>8 Total Spaces</b></p> <p><b>Net Change: 0 Spaces</b></p>	<p><b>2. New Britain Lot</b></p> <p><b>Past:</b></p> <ul style="list-style-type: none"> <li>• 39 City Employee Only</li> <li>• 2 Handicapped (City Employee)</li> <li>• 2 City Employee Carpool Only</li> </ul> <p><b>43 Total Spaces</b></p> <hr/> <p><b>Future:</b></p> <ul style="list-style-type: none"> <li>• 41 "BLUE ZONE" Metered spaces</li> <li>• 2 "BLUE ZONE" Handicapped Only</li> </ul> <p><b>43 Total Spaces</b></p> <p><b>Net Change: 0 Spaces</b></p>
<p><b>3. Park Central Lot</b></p> <p><b>Past:</b></p> <ul style="list-style-type: none"> <li>• 19 City Vehicle Only (under building)</li> <li>• 28 Metered General Use</li> <li>• 2 Metered Handicapped Only</li> </ul> <p><b>49 Total Spaces</b></p> <hr/> <p><b>Future:</b></p> <ul style="list-style-type: none"> <li>• 19 City Vehicle Only (under building)</li> <li>• 28 "RED ZONE" Metered spaces</li> <li>• 2 "RED ZONE" Metered Handicapped Only</li> </ul> <p><b>49 Total Spaces</b></p> <p><b>Net Change: 0 Spaces</b></p>	<p><b>4. Atrium Lot</b></p> <p><b>Past:</b></p> <ul style="list-style-type: none"> <li>• 18 City Employee Only</li> <li>• 1 Handicapped (City Employee)</li> <li>• 1 City Pool Vehicle Parking</li> </ul> <p><b>20 Total Spaces</b></p> <hr/> <p><b>Future:</b></p> <ul style="list-style-type: none"> <li>• 18 "YELLOW ZONE" Permit spaces</li> <li>• 1 "YELLOW ZONE" Handicapped Only</li> <li>• 1 City Pool Vehicle Parking</li> </ul> <p><b>20 Total Spaces</b></p> <p><b>Net Change: 0 Spaces</b></p>
<p><b>5. Senior Center Lot</b></p> <p><b>Past:</b></p> <ul style="list-style-type: none"> <li>• 38 Senior Center Parking (*)</li> <li>• 3 Handicapped (Senior Center Only)</li> <li>• 10 Arapahoe Court Resident/Guest</li> <li>• 4 Handicapped (Arapahoe Court)</li> <li>• 4 Meals on Wheels Driver (10 AM-12 PM)</li> </ul> <p><b>58 Total Spaces</b></p> <hr/> <p><b>Future:</b></p> <ul style="list-style-type: none"> <li>• 38 Senior Center Parking (*)</li> <li>• 4 Handicapped (Senior Center Only)</li> <li>• 10 Arapahoe Court Resident/Guest</li> <li>• 2 Handicapped (Arapahoe Court)</li> <li>• 4 Meals on Wheels Driver (10 AM-12 PM)</li> </ul> <p><b>58 Total Spaces</b></p> <p><b>Net Change: 0 Spaces</b></p>	<p><b>6. FAM/13th St. Lot</b></p> <p><b>Past:</b></p> <ul style="list-style-type: none"> <li>• 4 City Employee Only</li> <li>• 9 City Vehicle Only</li> </ul> <p><b>13 Total Spaces</b></p> <hr/> <p><b>Future:</b></p> <ul style="list-style-type: none"> <li>• 4 "YELLOW ZONE" Permit spaces</li> <li>• 9 City Vehicle Only</li> </ul> <p><b>13 Total Spaces</b></p> <p><b>Net Change: 0 Spaces</b></p>
<p><b>7. Library Lot (Arapahoe Access)</b></p> <p><b>Past:</b></p> <ul style="list-style-type: none"> <li>• 136 Metered (free to Library patrons)</li> <li>• 27 City Employee Only</li> <li>• 3 Senior Center Permit Only</li> <li>• 7 Handicapped (General Public)</li> </ul> <p><b>173 Total Spaces</b></p> <hr/> <p><b>Future:</b></p> <ul style="list-style-type: none"> <li>• 144 "BLUE ZONE" Metered spaces</li> <li>• 7 "BLUE ZONE" Handicapped Only</li> </ul> <p><b>151 Total Spaces</b></p> <p><b>Net Change: -22 Spaces</b></p>	<p><b>8. Municipal Building Lot</b></p> <p><b>Past:</b></p> <ul style="list-style-type: none"> <li>• 61 City Employee Only</li> <li>• 16 Metered General Use</li> <li>• 4 Metered Handicapped Only</li> <li>• 5 "15 Minute"</li> <li>• 1 City Employee Carpool Only</li> <li>• 1 "5 minute" (Free) Book Drop off</li> <li>• 4 Library Volunteer (Free - Permit)</li> <li>• 1 "30 Minute" (Free) 8AM to 5PM</li> <li>• 1 City Library Vehicle Parking</li> </ul> <p><b>94 Total Spaces</b></p> <hr/> <p><b>Future:</b></p> <ul style="list-style-type: none"> <li>• 20 "RED ZONE" Metered spaces</li> <li>• 45 "BLUE ZONE" Metered spaces</li> <li>• 4 "BLUE ZONE" Handicapped Only</li> <li>• 2 (Free-30 Minute) Loading Zones for Library</li> </ul> <p><b>71 Total Spaces</b></p> <p><b>Net Change: -20 Spaces</b></p>

**"RED ZONE"** = Metered Parking (No CoB Employee Parking)  
**"BLUE ZONE"** = Shared Metered Parking and CoB Employee Permit Parking  
**"YELLOW ZONE"** = CoB Employee Permit Parking  
 (\*) = by permit only (8AM-5PM Mon-Fri)



# Civic Area-TDM Programs Update

- The goal is to enhance existing & future multimodal access to Civic Area.
- To track the effectiveness of these Transportation Demand Management (TDM) programs, the project team is conducting **quarterly evaluations**.
- **Below** are the **findings** of the **first quarter evaluation**.

## Evaluation Methodology:

On a **quarterly basis**, downtown city employees are surveyed on their commute trips **over a two week period**. The first quarter survey tracked employee travel from **February 16-28**. The survey also collects information on demographic and employment, utilization of TDM programs and qualitative data on factors that influence travel behavior. The survey also provides an opportunity for downtown city employees to provide feedback on the Civic Area changes.

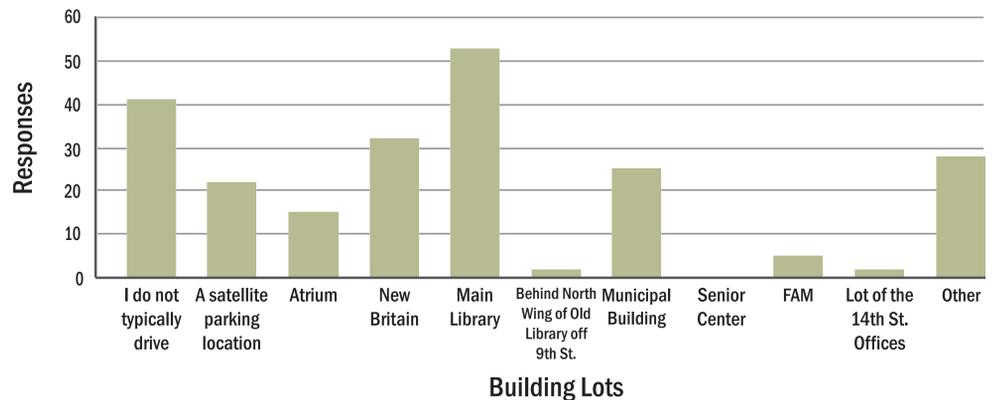
Staff is also tracking the **use of the Parking Cash Out (PCO)** benefit by city employees which is recorded in bi-weekly timesheets. The PCO program officially started in the **second pay period of 2016**.

## First Quarter Evaluation Findings:

2016 First Quarter Mode Share	
Drove Alone	46%
Carpooled/Vanpooled	9%
Drove to Satellite location	7%
Bicycled	5%
Combined bike and bus	1%
Bus	15%
Bus from RTD Park-n-Ride	3%
Walked	4%
Teleworked	6%
Compressed Work Week day off	2%
Other	2%

2014 Downtown City Employee Mode Share	
51%	Drove Alone
9%	Carpooled/Vanpooled
13%	Bicycled
3%	Combined bike and bus
15%	Bus
6%	Bus from RTD Park-n-Ride
2%	Walked
2%	Teleworked
<1%	Compressed Work Week day off
<1%	Other

## Typical Civic Area Employee Parking Locations



## Travel Behavior Findings:

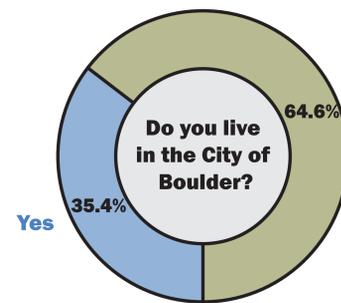
-Drive alone mode share for Civic Area employees is 6% lower compared to the 2014 City Employee Travel Behavior Survey.

Pay Period	# of Employees who qualified for PCO at least once during pay period	Total PCO Benefits Paid	Average PCO Days/PP (10 days)
2	157	\$993	6.3
3	178	\$1,065	6
4	181	\$1,073	5.9
5	173	\$1,095	6.3
<b>AVG/TOTAL/AVG</b>	<b>172</b>	<b>\$4,226</b>	<b>6.1</b>

## Parking Cash Out Findings:

- Approximately half of Civic Area City Employees qualify for at least one parking cash out benefit per pay period
- The average participation in the Parking Cash Out program over 10 days was 6.1 days.

## Average Commute Distance

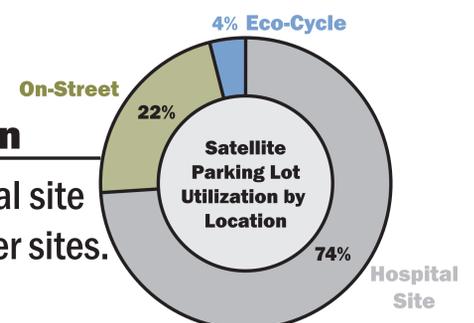


187 Responses

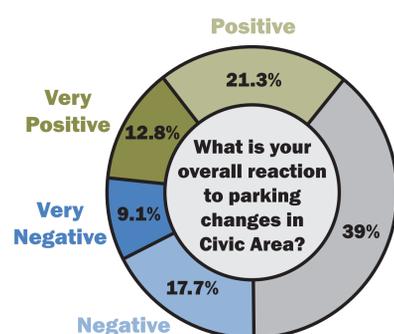
- Boulder Residents: 3.3 miles
- Non-Residents: 17.3 miles

## Satellite Parking Utilization

-The Boulder Community Hospital site is used 3X as much as the other sites.



22 Responses



164 Responses

## Overall Reaction to Changes

- 34.1% Positive
- 39% Neutral
- 26.8% Negative



# Civic Area- Parking Utilization Update

An analysis of the parking utilization was done in the various Civic Area lots post implementation of the TDM programs, and parking changes. The goal of this analysis is to answer these questions:

**1** Has utilization of the available parking on the civic area campus changed?

**2** Has City of Boulder employee parking on the civic campus changed?

**3** Has parking in the adjacent neighborhood south of Arapahoe Avenue changed?

**4** How has the satellite parking facility at the former hospital site been utilized?

## Data Collection: Civic Area Lots

Before- Data Collection Dates:	
Weekdays:	11-10, 11-19, 12-3 of 2015
Weekends:	11-7, 11-21, of 2015 1-16 of 2016

Parking utilization data was collected on **three weekdays**, and **three Saturdays** 'Before and After' the changes to parking. For the 'Before' data, hourly visits (between 7AM and 7PM) were made to the various civic area lots where the amount of cars, which spaces the cars were in, were counted and tabulated for analysis. The same approach was taken for the 'After' data, with the exception of the counts being done **ever two hours** (between 7AM and 7PM).

After- Data Collection Dates:	
Weekdays:	2-16, 2-17, 2-18 of 2015
Weekends:	2-13, 2-20, 2-27 of 2016

## Data Collection: Adjacent Neighborhoods

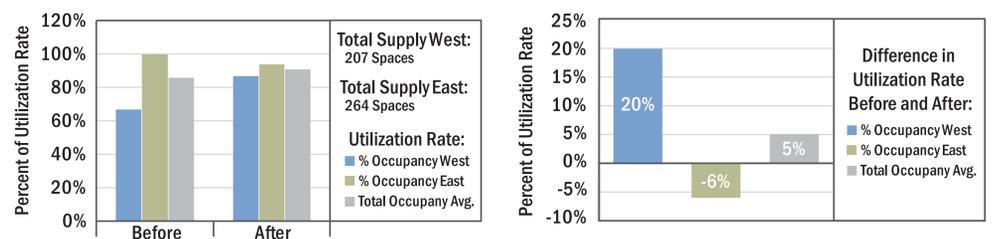
On-street parking supply and utilization was counted both 'Before and After' the parking changes in the **neighborhood south** of the civic area campus, roughly bounded by Arapahoe Ave, Broadway, 6th St., Marine/Grandview, with the subsets both **East and West** of 9th St. In the 'Before' count **19** observations were recorded, with **15** observations in the 'After' count.

Count Dates & Times	
Before:	After:
12/08- 10AM	2/15- AM, PM
12/09- 10AM,2PM,4PM	2/17- AM, PM
12/10- 10AM,4PM	2/24- AM, PM
12/11- 10AM,2PM,4PM	2/25- AM, PM
12/15- 10AM,4PM	2/26- AM, PM
12/16- 10AM,2PM,4PM	3/02- AM, PM
12/17- 10AM,2PM,4PM	3/03- AM
12/18- 10AM,2PM	3/04- AM, PM

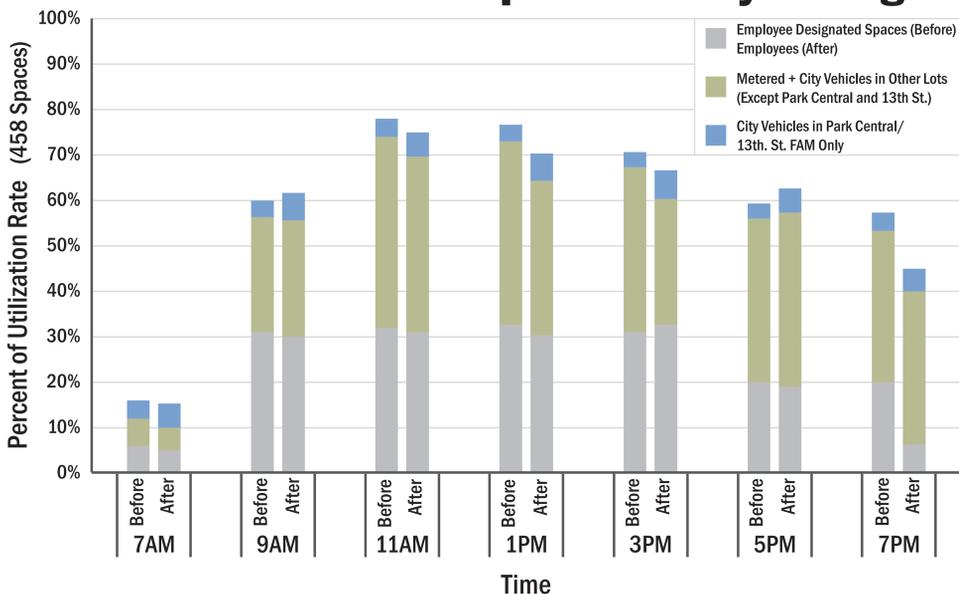
## Key Findings:

- 1. More demand** for parking on **Weekdays** than **Weekends**. (Fall and Winter Data)
- 2. Some reduction** in **Peak Period Average Utilization** after parking changes.
- 3. High variability** of data, **more data needed**.

## Adjacent Neighborhood Parking Utilization



## Total Civic Area Campus Weekday Average



## Total Civic Area Campus Weekend Average

