





IN PARTNERSHIP WITH





# WHY ARE WE HERE?

Review project and role of parking in downtown.

Summarize key findings.

Present <u>DRAFT</u> recommendations.

Help us prioritize!





### PARKING SUPPORTS GREAT DOWNTOWNS



## PARKING SUPPORTS LOCAL BUSINESS



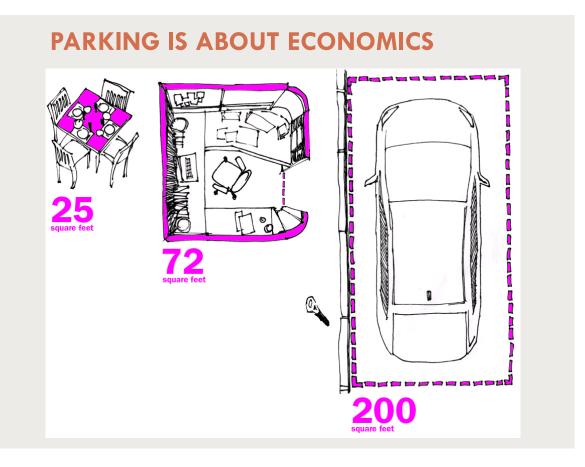
### **PARKING SUPPORTS GROWTH**





The Bowie

**Emerging Downtown Projects** 





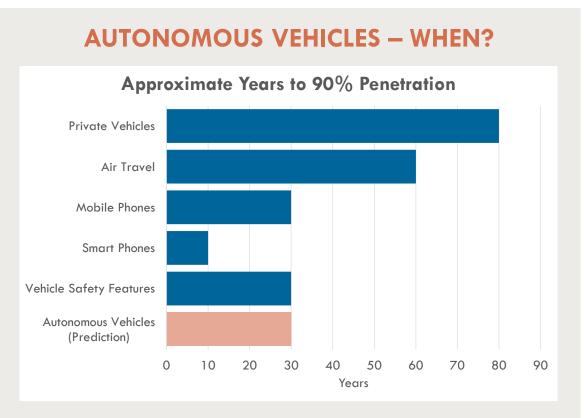
## **PARKING IS ABOUT TRAFFIC**



## THE FUTURE OF PARKING?



Sources (Left to right, top to bottom): Car and Driver Blog, Popular Science, Mercedez-Benz.com, Recombu.com



Source: Insurance Journal (2016). "Driverless Cars to Slash US Auto Insurance Premiums." http://www.insurancejournal.com/news/national/2016/09/12/425980.htm

## **AUSTIN'S DOWNTOWN PARKING SHOULD BE:**



**Supportive,** fostering broader community goals identified through ongoing and previous planning processes



**Multimodal,** recognizing that parking is one element of an accessible downtown



**Available,** managing parking to ensure a consistent parking experience



**Cost-effective,** maximizing existing parking and making fiscally sustainable investments

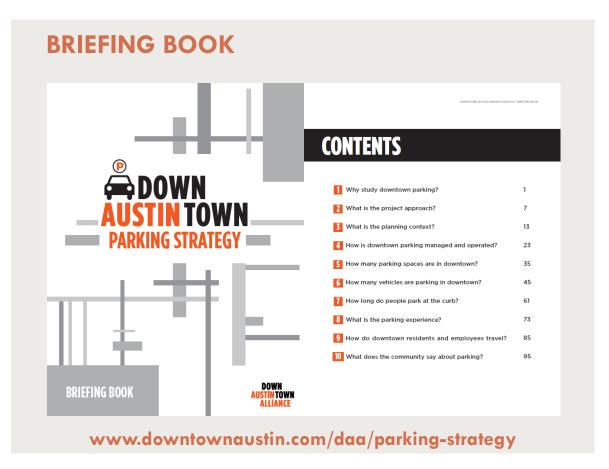


User-friendly, prioritizing customer convenience and ease of use



**Adaptable,** facilitating ongoing improvements as the downtown evolves



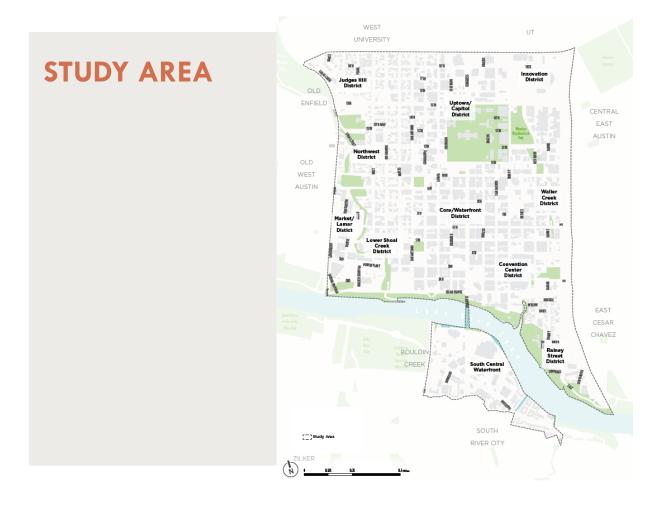


## **STUDY PROCESS**

- Review planning context
- Stakeholder interviews
- Goals and objectives
- Community feedback
- Data collection and analysis
- Land use analysis
- Peer review
- Draft Recommendations
- Stakeholder/Public input
- Draft/Final Plan
- Implementation







### THERE ARE 71,504 SPACES IN DOWNTOWN.

#### OFF-STREET SPACES



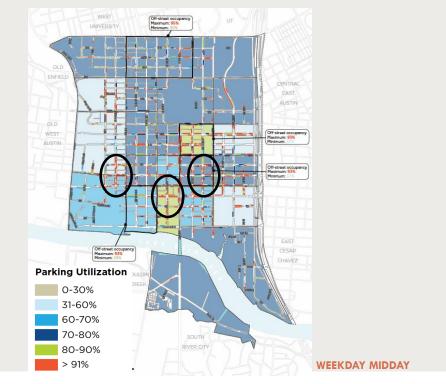
### ON-STREET SPACES



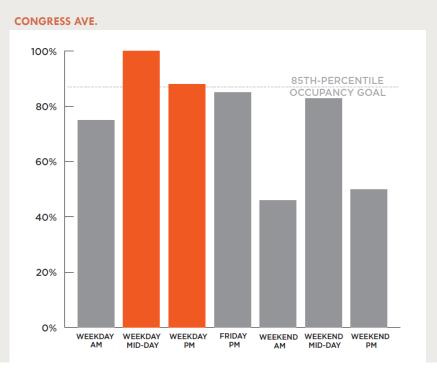
## 9% of parking is at the curb

Does not include driveways/garages in single family residences

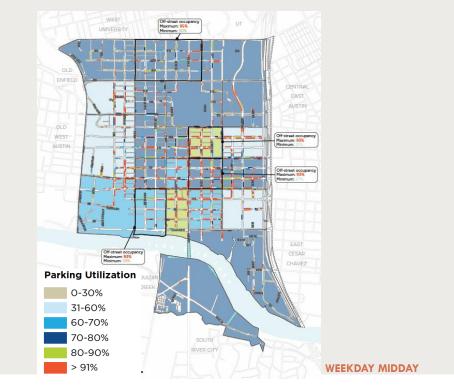
### PARKING CAN BE VERY DIFFICULT TO FIND, ESPECIALLY CONVENIENT, "FRONT DOOR" SPACES.



### PARKING CAN BE DIFFICULT TO FIND, ESPECIALLY CONVENIENT, "FRONT DOOR" SPACES.



### EVEN AT TYPICAL PEAK, SPACES CAN GO UNUSED. MOSTLY IN OFF-STREET GARAGES.

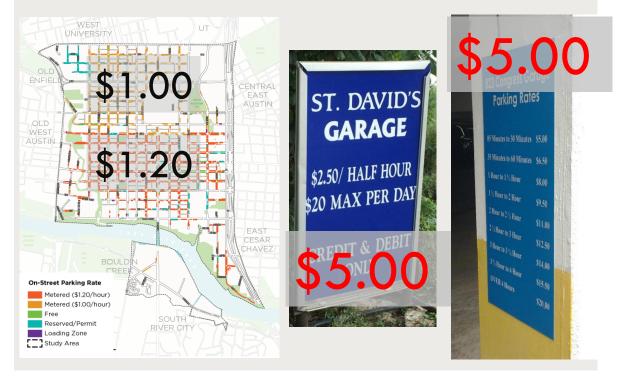


### ABOUT 1 OF 4 <u>OFF-STREET</u> SPACES IS NEVER OPEN TO THE GENERAL PUBLIC.

Availability	# of Spaces*	% of Off-street Spaces		
Public	26,870	43%		
Restricted	15,392	25%		
Varied	20,543	33%		
Total	62,805	100%		
*Includes only facilitie	es with 25+ spaces			

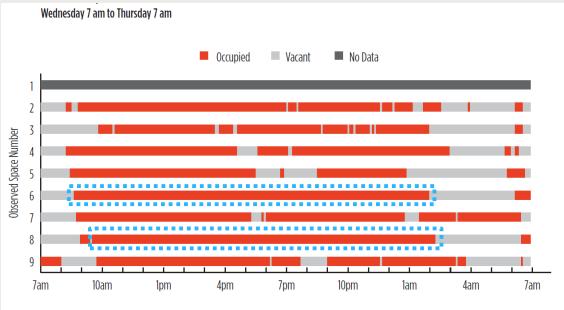


### PARKING RATES INCENTIVIZE CIRCLING AND BARGAIN HUNTING.



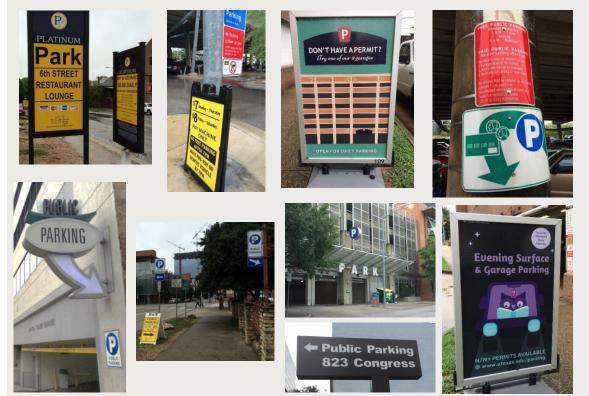
### MANY STAY PAST THE TIME LIMITS.

EAST 6<sup>TH</sup> STREET, TRINITY – SAN JACINTO



All spaces are free with 2-hour time limits between 7 am and 9 pm, all days. Parking is prohibited from 9 pm until 3 am on Thursday, Friday and Saturday nights.

## **INFORMATION IS INCONSISTENT.**





### PEDESTRIAN EXPERIENCE LIMITS USE OF SOME AVAILABLE SPACES.

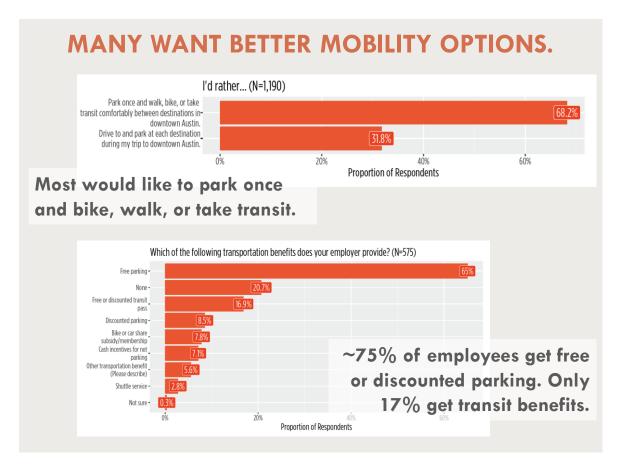














RECOMMENDATION	ALIGNMENT WITH PARKING GOALS					
Design and implement a performance-based parking management program.	1	1	-	1	1	-
Pilot a shared parking program in which City manages private parking as "public" parking. Provide technical assistance to better facilitate shared parking.	-		1	1	-	
Expand and diversify existing Affordable Parking Program.	1		1	-	1	
Enhance pedestrian access to parking facilities.		-	-		-	
Explore opportunities to expand and clarify on-street supply.			1	1	1	
Fully invest and implement comprehensive parking signage and wayfinding system.	1		1	1	1	1
Define an overall strategy that ensures technology tools support broader parking and mobility goals.	1		1	1	1	1
Continue to reinvest parking revenues into downtown and evaluate allocation of additional revenue to multimodal improvements.	1	1				1
Evaluate and implement a park-n-ride or circulator shuttle to improve transit connections and access to remote parking.		-	-	-	-	
Support comprehensive and coordinated improvements in employee-focused mobility services and programs.	1	-	-	-	1	
Revise the zoning code to better support walkable, mixed-use development within the downtown.	-		-	1		-
Require provision and enforcement of a TDM program for all new downtown development above a certain size.	-	-	-	-		-
Revise the zoning code to incentivize sharing of parking.	-		-	-	1	-
Create dynamic inventory and adjust on-street regulations to maximize flexibility at the curb.			1		1	1
Define and implement enforcement strategy to support performance-based management. Allocate sufficient resources to parking enforcement.	1		1	1	1	1
Establish a formal collaboration between the City, State, and other parking stakeholders.	1		1	-		1
Enhance event management practices to maximize parking system flexibility and predictability.	-			1	1	1
Plan for the future to nimbly respond to long-term trends in mobility and parking.	1	1		1	1	1
Strategically invest in public and shared parking supply in key locations.	1				1	

#### **KEEP IN MIND...**

There is **no silver** bullet.

No strategy on its own will solve the parking problem.

This is a **toolkit and package** of recommendations that works towards the goals together.

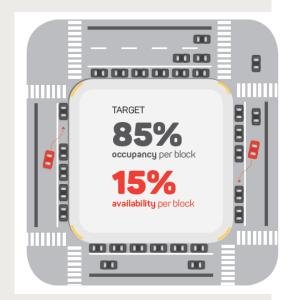
### **#1. SET AN AVAILABILITY TARGET AS PART OF PERFORMANCE BASED MANAGEMENT PROGRAM**

#### > Summary:

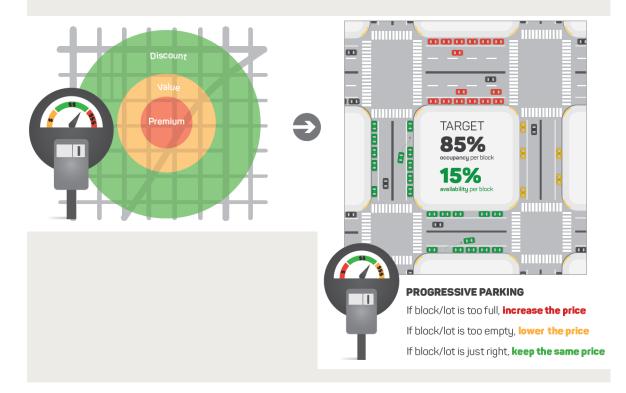
Adjust pricing/regulations based on demand so that spaces are <u>consistently</u> <u>available</u>. Lowest price that achieves availability target.

#### Benefits:

- Makes it easier to find parking.
- Creates more **user choice**.
- Reduces traffic and pollution.
- **Reduces citations** and violations.
- Improves decision-making and transparency.
- Likely maintains or increases revenues to be reinvested into parking and mobility improvements.



#### ADJUST PRICES OVER TIME TO MEET AVAILABILITY TARGET.







#### **#2. PILOT A VOLUNTARY SHARED PARKING PROGRAM.**

#### Summary:

Incentivize private supply into the "public" system. Address private owner concerns through shared parking agreements and cost/revenue sharing. Provide ongoing technical assistance.

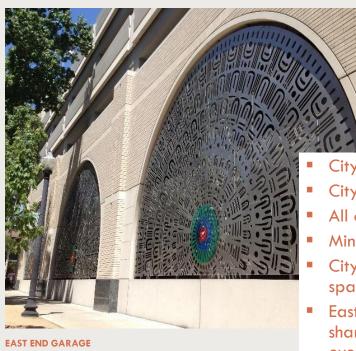
#### Benefits:

- Creates a more seamless, userfriendly system.
- Maximizes use of **existing** supply.
- Reduced searching, less congestion.
- Offers property owners peace of mind and higher returns.
- Unlocks small or constrained sites.
- More cost-effective than new parking construction.



PUBLIC PARKING AFTER BANK HOURS

## CASE STUDY: SACRAMENTO, CA





- City leases private facilities
- City holds liability
- All or portion of parking
- Minimize impacts to primary use
- City manages 17,000 parking spaces (10,000 are leased)
- East End Garage: 600 of 1,400 shared spaces during evenings/weekends

## **CASE STUDY: SAN DIEGO, CA**



707 BROADWAY (Richard Schulte)



- Member-based, non-profit organization
- Maximize use of existing downtown parking assets
- Prioritize public-private parking partnerships
- Prioritize multimodal solutions Downtown Shuttle

## #3. EXPAND EXISTING AFFORDABLE PARKING PROGRAM

#### > Summary:

Pilot program offers nighttime employee parking for \$35 per month at the Waller Creek garage (serves Austin Water employees during the day). Expand to other facilities/times.

- Include daytime parking to serve more employees.
- Private owners may be more amenable to sharing with a limited pool of drivers.
- Efficient use of resources.



## **#4. ENHANCE PEDESTRIAN ACCESS TO PARKING**

#### > Summary:

Bring remote/underutilized parking "closer" to activity centers by improving the walking environment.

#### > Benefits:

- Better distribution of parking demand.
- Allows people to park once and walk.
- More people on foot = active and safe environment.
- Improve access for those with limited mobility.



## #5. EXPLORE OPPORTUNITIES TO EXPAND ON-STREET SUPPLY

#### Summary:

Where feasible, redesign streets to add more on-street parking. Reduce lane widths and/or convert from parallel to angled parking.

- Adds more parking in popular areas.
- On-street parking calms traffic and buffers pedestrians.
- Can reduce street widths and vehicle speeds.
- Formalizes safe options, instead of ongoing illegal parking.
- Clearly communicates where parking is allowed.

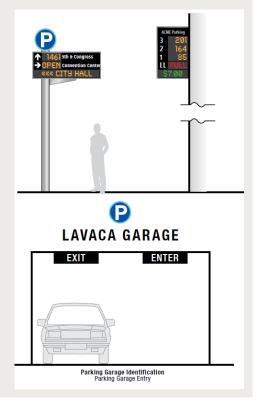


## **#6. COMPREHENSIVE SIGNAGE AND WAYFINDING.**

#### > Summary:

Fully implement Wayfinding Plan. Coordinate with private property owners. Evaluate programs to incentivize upgrades.

- Makes it **easier to find** parking.
- Supports performance-based management.
- Reduces confusion and improves customer experience.
- Redistributes demand to underutilized facilities.
- Helps "brand" downtown.
- Improves aesthetics and streetscape.



### **#6. COMPREHENSIVE SIGNAGE AND WAYFINDING.**



#### **#7. TECHNOLOGY THAT SUPPORTS MANAGEMENT GOALS.**

#### > Summary:

Prioritize investments that support performance-based management. Pilot and test advance registration for offstreet parking. Coordinate IT upgrades throughout downtown.

#### > Benefits:

- Makes it **easier to find** parking.
- Enhanced **customer experience**.
- Facilitates performance-based data analysis.
- Improved communication of parking system.
- Real-time data.
- Sophisticated event management.



# #8. REINVEST REVENUE TO SUPPORT PARKING AND DOWNTOWN MOBILITY.

#### **Summary:**

Building on existing policy, expand and diversify revenue allocations to downtown mobility. Potential areas include new and shared parking, transit service, TDM programs, and biking/walking.

#### > Benefits:

- Helps secure community support for parking pricing.
- Additional supply
- Provides additional mobility choices.
- **Reduces demand** for parking.
- Enhances customer experience.
- Leverage multimodal investments.
- Attractive and delightful.



## **#9. EVALUATE A CIRCULATOR SHUTTLE AND PARK-AND-RIDE TO IMPROVE PARKING ACCESS.**

#### **Summary:**

Leverage and **coordinate with Connections 2025** to improve local and regional transit. Evaluate a local circulator to improve access to more remote parking.

- Improve access to more remote, underutilized parking.
- Efficient use of resources if done in **coordination** with other transit studies.
- Improve options to travel without a vehicle.



WEEKEND PARKING - STATE CAPITOL



DASH SHUTTLE - HARTFORD, CT

## **CASE STUDY: NASHVILLE, TN**



 2 routes serving key downtown destinations

- Weekdays: 6:30 a.m. 11 p.m.
- Weekends: 11 a.m. 11 p.m.
- Hybrid, zero emission vehicles



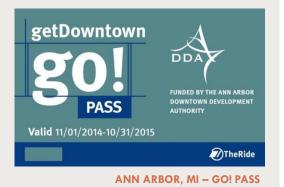
#### **#10. COORDINATED MOBILITY SERVICES FOR EMPLOYEES.**

#### Summary:

Significantly expand and diversify the employee mobility programs. Allocate parking revenues to TDM programs.

- Relieves pressure on parking supplies.
- Less employee driving = less congestion.
- Augments employer-provided benefits.
- Employee retention and satisfaction.
- Accommodates growth and changing transportation trends.





## CASE STUDY: BOULDER, CO

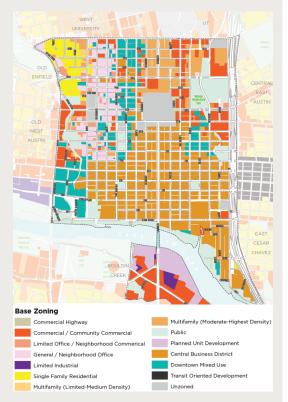


#### **#11. REVISE ZONING CODE TO SUPPORT DESIRED DEVELOPMENT.**

#### > Summary:

Eliminate all parking minimums. Expand parking maximums. Require unbundling. Revise bike, car sharing, and EV parking. Integrate design requirements.

- Supports downtown growth with less congestion.
- Improves developer flexibility.
- Unlocks small or constrained sites.
- Incentivizes **shared** parking.
- Improves walkability and safety.
- Supports **multimodal** travel.



## **#12. TDM FOR NEW DEVELOPMENTS.**

#### Summary:

Evaluate TDM requirements for new development (above a certain size). Could be a minimum set of elements and/or "cafeteria menu" approach.

#### Benefits:

- Allows for fewer parking spaces to be built.
- Supports downtown growth with less congestion.
- Improves developer flexibility.
- Unlocks small or constrained sites.
- Reduces family housing costs and promotes affordable housing choice.
- Improved mobility options for employees and residents.

#### **HIGHER IMPACT**

Unbundled parking Parking cash out/pricing Universal transit passes Shuttle services

# MODERATE IMPACT

On-site coordinator TMA Membership Pre-tax benefits Subsidized ridesharing Ride share matching Monitoring and enforcement

#### LOWER IMPACT

Car/bike sharing On-site amenities Marketing/outreach Guaranteed ride home Bike giveaway

## **#13. REVISE CODE TO INCENTIVIZE SHARED PARKING.**

#### > Summary:

Allow **unlimited parking** to be built above the maximum, provided that the additional increment is **shared**. Require parking management plan.

- Provides substantial flexibility for developers.
- Creates new public parking supply that can be leveraged by smaller/constrained parcels and/or developments with less parking.



COLUMBIA PIKE - ARLINGTON, VA

## #14. CREATE DYNAMIC INVENTORY. ENSURE EQUITABLE LOADING ACCESS. UNIVERSAL VALET.

#### > Summary:

Create a database/tool dynamically understand curb parking. Review and adjust loading zones to ensure equitable access. Explore universal valet program.

- Real-time understanding of inventory
- Integration with other maintenance work
- Equitable access to loading zones
- Consistent valet service that creates availability in key spaces
- Spaces can serve multiple users



## **#15. ENFORCE STRATEGICALLY, FIRMLY, AND FRIENDLY.**

#### Summary:

Revise enforcement practices to prioritize common infractions and "ambassador" approach. Ensure effective deterrents and adequate resources.

#### Benefits:

- Supports availability targets.
- No one wants a ticket, but City must enforce policies for system to function effectively.
- **Proactive**, not reactive.
- Shift to customer- and business-focused approach.

426 MINUTES

EAST 5<sup>TH</sup> STREET – AVG. LENGTH OF STAY (WEEKEND)

## **#16. ESTABLISH A PARKING WORKING GROUP.**

#### > Summary:

Create a formal partnership among key stakeholders to implement recommendations and address future parking issues.

- Guide and advise on implementation.
- Facilitate shared parking assets.
- Coordinated approach to technology/emerging mobility.
- Consideration of diverse needs in parking-related decision.



### **#17. ENHANCE EVENT MANAGEMENT.**

#### > Summary:

Adjust event rates to include peak event pricing in high demand areas. Provide advanced information and purchasing for certain off-street facilities. Update asset management systems.

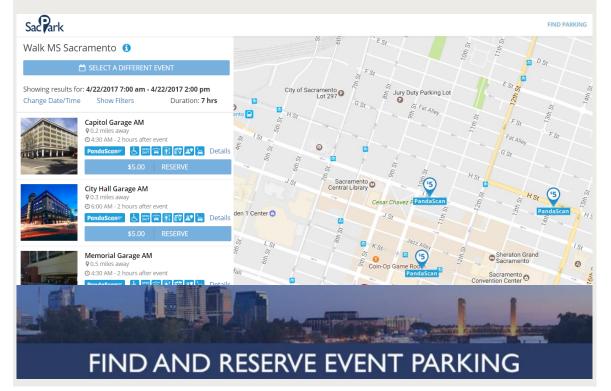
#### > Benefits:

- Adjusted prices will create availability in key areas.
- Advance information and/or purchasing limits circling / congestion.
- Coordinated asset management will improve event planning.



**ON-STREET EVENT PRICING - PORTLAND, OR** 

## CASE STUDY: SACRAMENTO, CA

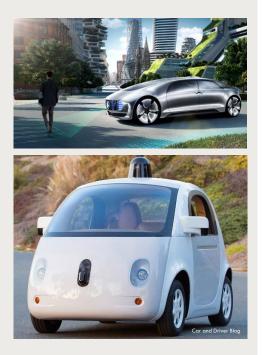


## **#18. PLAN FOR THE FUTURE.**

#### Summary:

Provide flexible policies and guidelines for emerging technologies. Prioritize people, mobility, and safety, not the technology itself. Design adaptable parking facilities.

- Ability to **adapt** as mobility changes.
- Prioritize people and safety in innovation.
- Support transportation companies that fill mobility gaps and meet citywide goals.



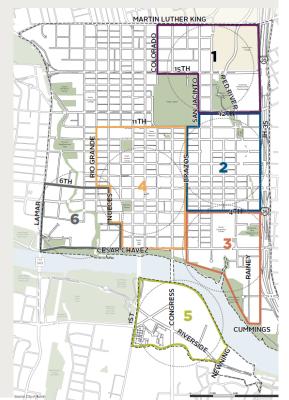
### **#19. STRATEGICALLY INVEST IN PUBLIC PARKING.**

#### Summary:

As new development occurs, evaluate strategic investments in new supply. Likely focus on Districts 1, 3, 4, and 5.

#### New parking should:

- Be leveraged as part of new development
- Shared and public
- Part of the **larger system**
- Include technology and wayfinding
- Contribute to the environment
- Intercept vehicle traffic before it reaches the core



4/5/2017

## A 500-SPACE PARKING GARAGE WOULD COST:

**\$10 MILLION** TO BUILD

**\$29 MILLION** OVER 30 YRS.

## WHAT ARE THE TRADEOFFS?

WHO PAYS FOR IT?

HOW IS IT MANAGED?

## **HOW DOES THIS HELP MY BUSINESS?**

- Most popular spaces are available for customers, not long-term parkers.
- More parking choice for employees and customers.
- New technology and signage make parking easier and more convenient.
- Improved mobility benefits for employees.
- Enhanced downtown safety, walkability, and aesthetics.
- Potential for additional parking revenue to reinvest back into downtown.
- Growth without gridlock.

# SCHEDULE

- Finalize
  Recommendations
  (April)
- Draft Plan
  (May)
- Final Plan (June)
- Initial Implementation (Summer/Fall)
- Public Rollout (October)



