





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



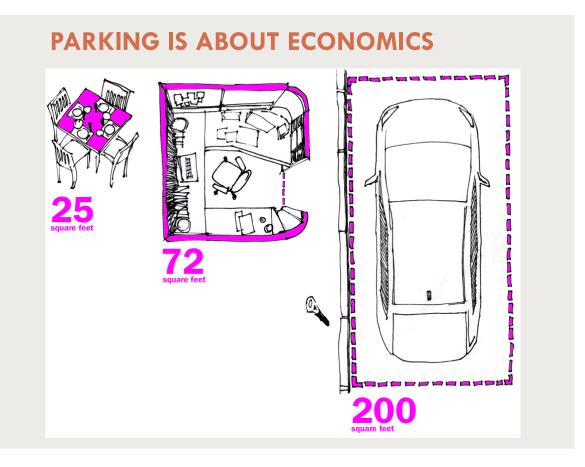
PARKING SUPPORTS GROWTH





The Bowie

Emerging Downtown Projects





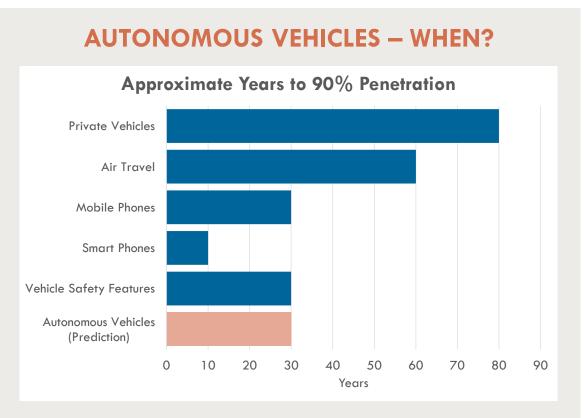
PARKING IS ABOUT TRAFFIC



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

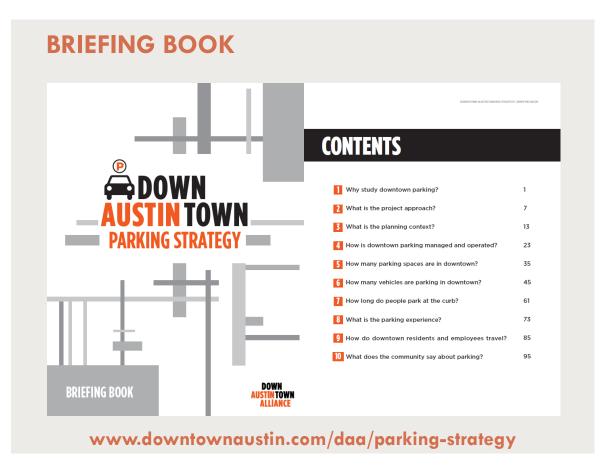


User-friendly, prioritizing customer convenience and ease of use



Adaptable, facilitating ongoing improvements as the downtown evolves



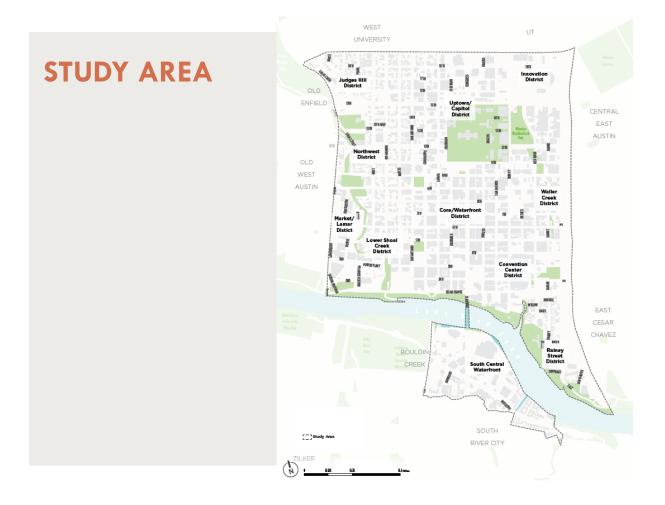


STUDY PROCESS

- 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



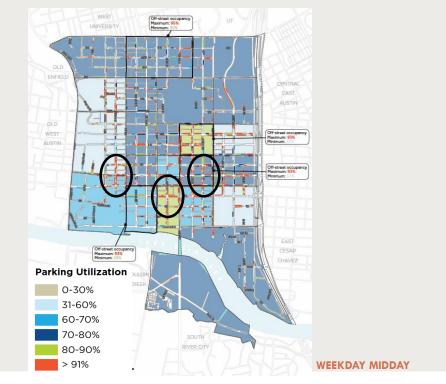
ON-STREET SPACES



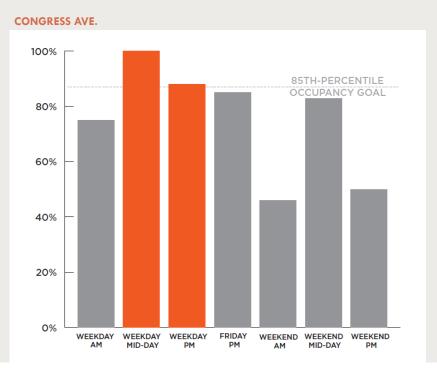
9% of parking is at the curb

Does not include driveways/garages in single family residences

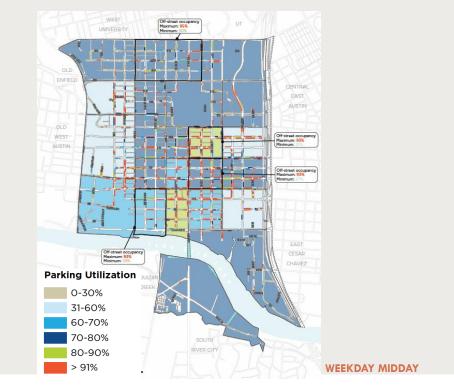
PARKING CAN BE VERY DIFFICULT TO FIND, ESPECIALLY CONVENIENT, "FRONT DOOR" SPACES.



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



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

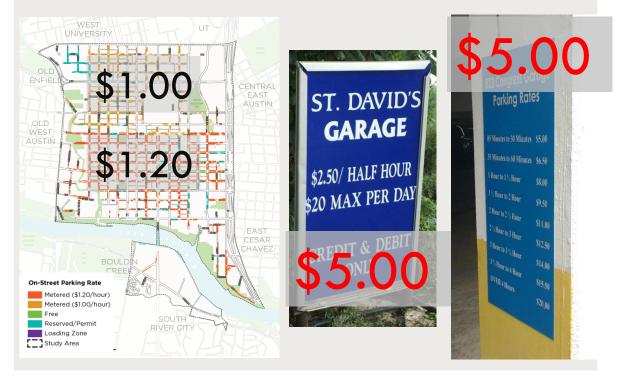


ABOUT 1 OF 4 <u>OFF-STREET</u> SPACES IS NEVER OPEN TO THE GENERAL PUBLIC.

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			

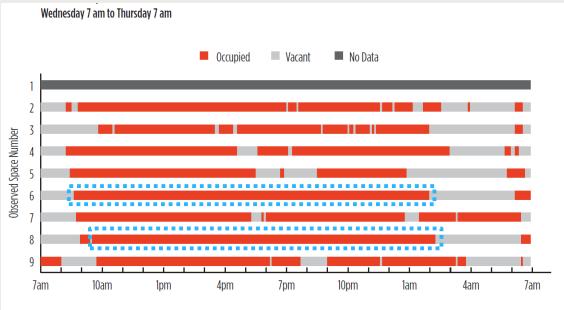


PARKING RATES INCENTIVIZE CIRCLING AND BARGAIN HUNTING.



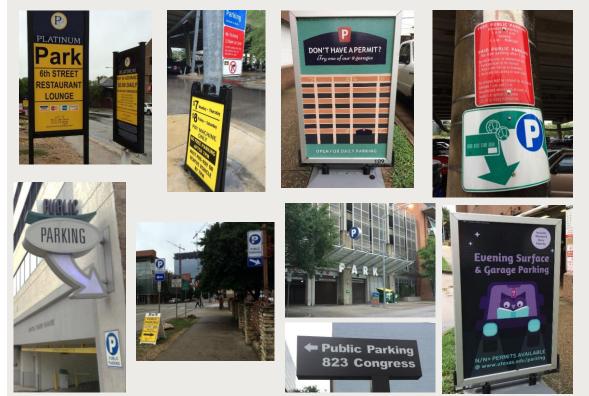
MANY STAY PAST THE TIME LIMITS.

EAST 6TH 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.

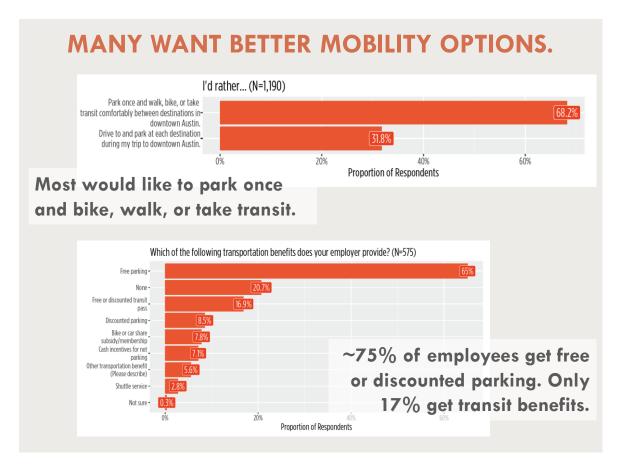














RECOMMENDATION	ALIGNMENT WITH PARKING GOALS					
Design and implement a performance-based parking management program.	1	1	-	1	1	-
Pilot a shared parking program in which City manages private parking as "public" parking. Provide technical assistance to better facilitate shared parking.	-		1	1	-	
Expand 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.

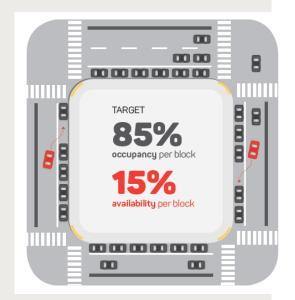
#1. SET AN AVAILABILITY TARGET AS PART OF PERFORMANCE BASED MANAGEMENT PROGRAM

> Summary:

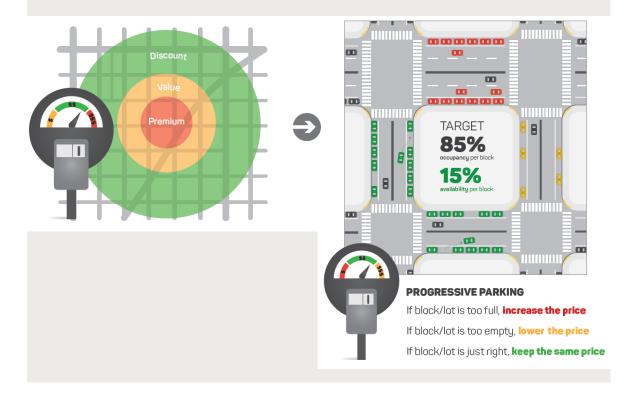
Adjust pricing/regulations based on demand so that spaces are <u>consistently</u> <u>available</u>. Lowest price that achieves availability target.

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.

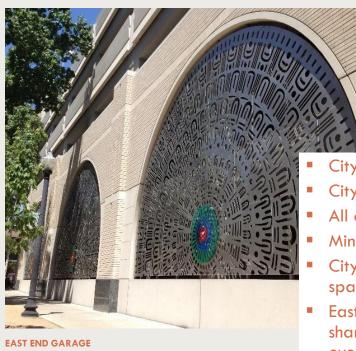
Benefits:

- 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.

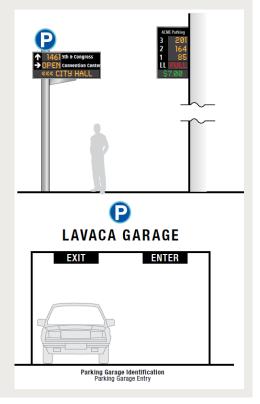


#6. COMPREHENSIVE SIGNAGE AND WAYFINDING.

> 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



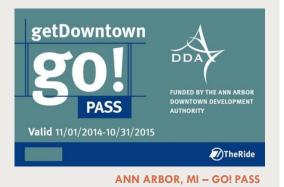
#10. COORDINATED MOBILITY SERVICES FOR EMPLOYEES.

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

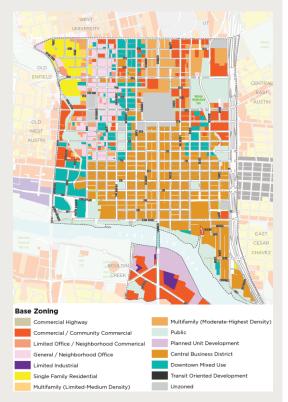


#11. REVISE ZONING CODE TO SUPPORT DESIRED DEVELOPMENT.

> 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 5TH 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.

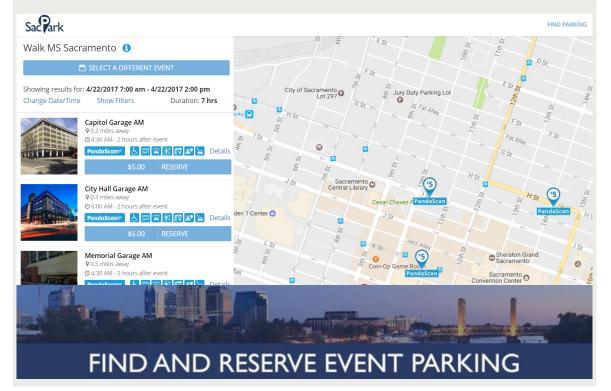
> Benefits:

- 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.



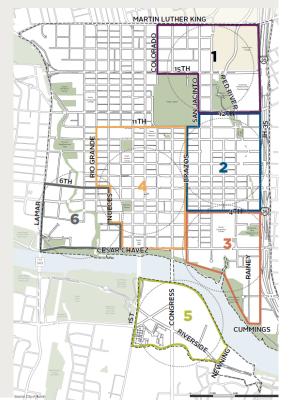
#19. STRATEGICALLY INVEST IN PUBLIC PARKING.

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)



