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Parking Initiatives – FY17

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PARK
HOUSTON

ParkHouston

- Manage 9,200 paid parking spaces
- Monitor and maintain 1,000+ parking pay stations and meters
- Support compliance of parking regulations
- Administer parking permits including Residential Permit Parking, Valet, Commercial Zone and Newsracks
- Generate \$20.4 million annually for the Parking Management Special Revenue Fund (8700)
- \$7 million annual transfer to General Fund

Agenda

- Parking Guidance System
- Citation Management System
- Car-Share Pilot
- Pay by Phone RFP
- New Pay Stations
- Questions



Overview

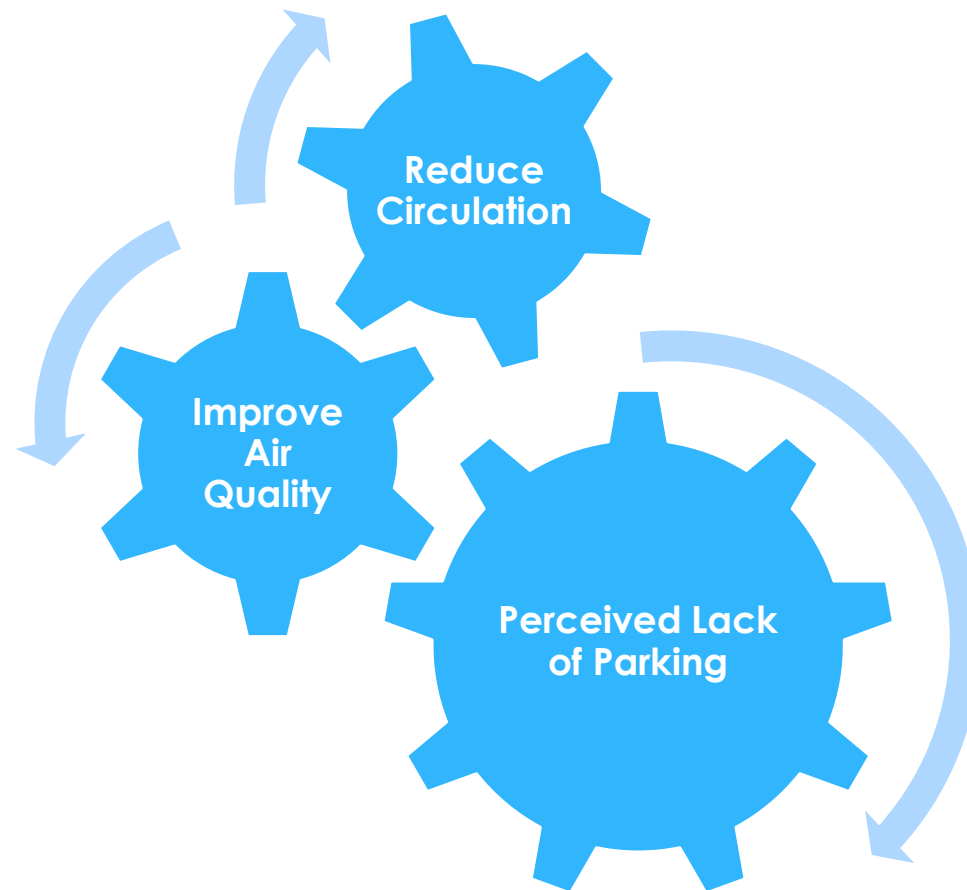
Since building more on-street parking is not a viable option, we must better manage our existing supply

HOW

- Invest in technology
- Improve communication
- Provide accurate parking availability data
- Support alternative modes of transportation

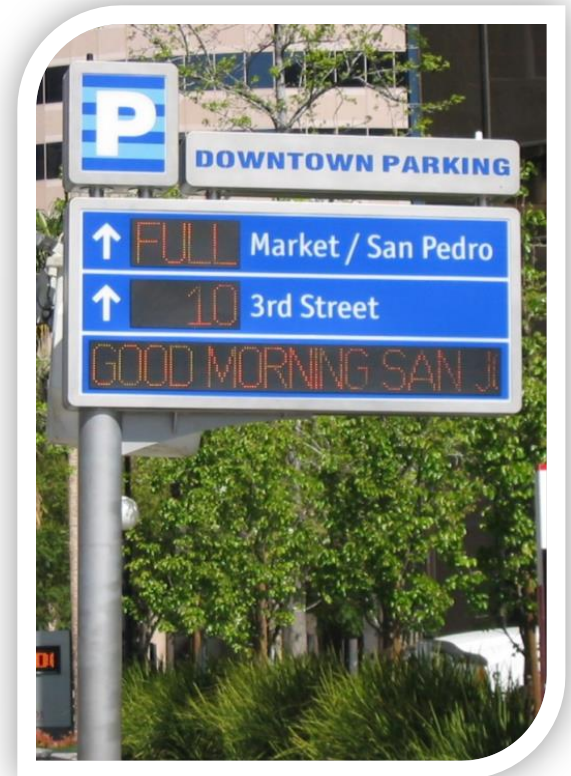
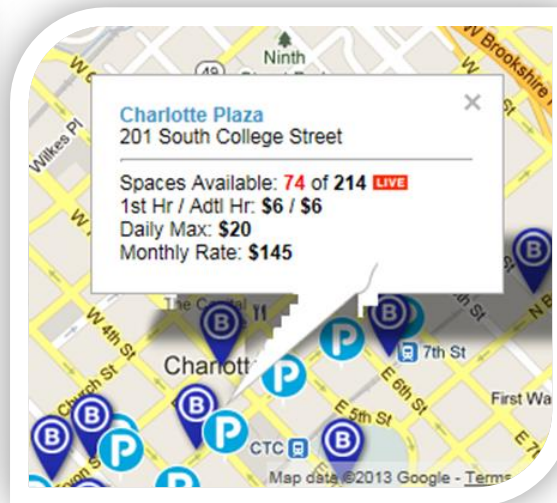


Parking Guidance System



Parking Guidance System

- Partner with private operators
- Direct parkers to available spaces
- Static and dynamic signage
- Website/app with real-time data

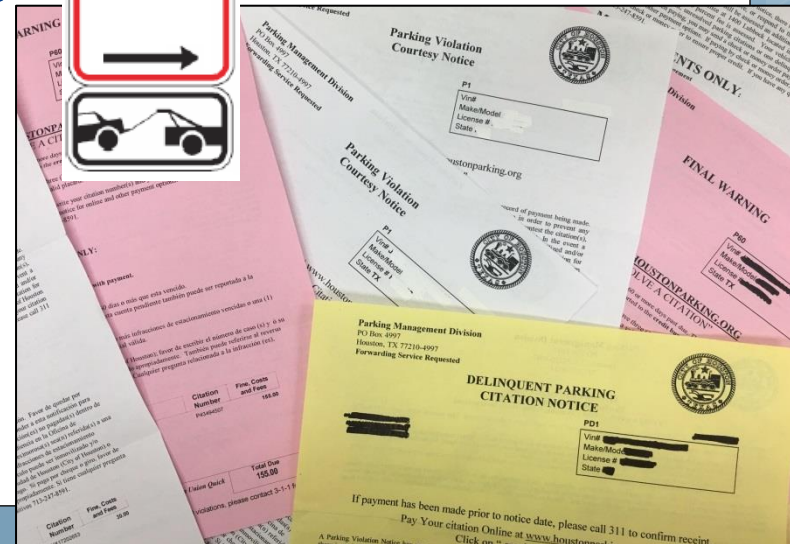
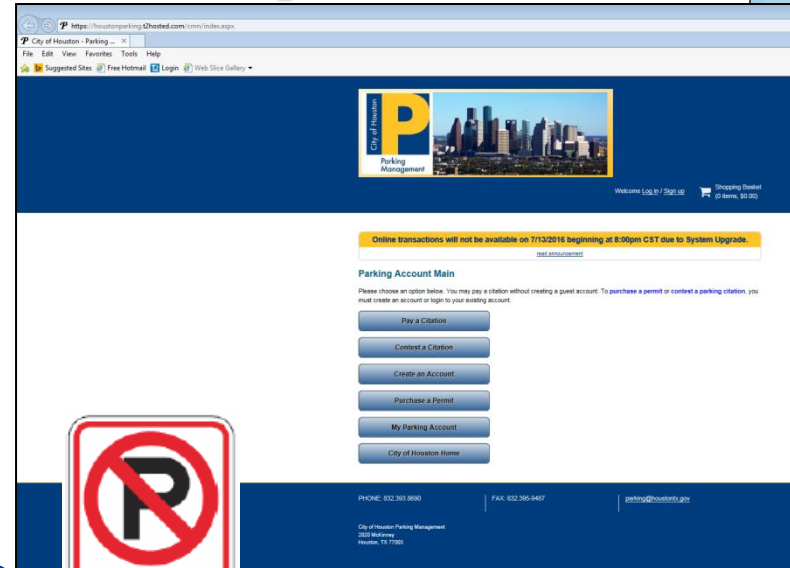


Parking Guidance System

- Awarded \$3.2 million in CMAQ funding
- Finalizing funding agreement with TxDOT
- RFP issued by December 2016
- Targeting 7 parking facilities for inclusion in pilot
- System stabilized by end of 2017
- **Total Project Cost: \$4.1 million**
- **City Investment: \$900K**

Citation Management System

- T2 Flex Systems awarded 7 year contract via RFP in 2009
 - Citations
 - Parking permits
 - Electronic maintenance workflow
 - Online options for customers
- \$12.1 million in payments processed annually via citations issued or permits sold offsets licensing costs.



Citation Management System

- Booting increased 201% post-implementation.
- More accurate vehicle owner data = more notices = more resolved citations (30% increase in revenue).
- MWBE goal -11%. Vendor exceeded goal with 21%.
- Total 7 year expenditure on system: \$1.72 million including \$812K for implementation and development.



Citation Management System

- Five year software licensing/hosting and maintenance agreement
- Includes \$10,000 per year for customizations/integrations.
- Sole source agreement
- Successful solution and City has a substantial investment in hardware, software and training
- Integrates with pay station software
- Projected City Council Agenda: August 2016
- **Investment: \$957,258 (total five year cost)**
- Funding for FY17 costs is included in the adopted budget.

T2 Flex Contract Expenditures

Item	Year 1	Year 2	Year 3	Year 4	Year 5
Annual Licensing/Hosting/ Test database/ Vehicle Ownership data	\$ 114,246	\$ 114,246	\$ 116,531	\$ 118,862	\$ 121,239
Pay by Phone Integration	\$ 13,891	\$ 13,891	\$ 14,169	\$ 14,452	\$ 14,741
LPR Integration	\$ 7,400	\$ 7,400	\$ 7,548	\$ 7,699	\$ 7,853
Business Intelligence Dashboard	\$ 1,083*	\$ 12,995	\$ 12,995	\$ 13,255	\$ 13,520
Report bundles	\$ -	\$ -	\$ -	\$ -	\$ -
Handheld Maintenance	\$ 1,320	\$ 1,320	\$ -	\$ -	\$ -
Mobile App Licensing fee (20% discount)	\$ 22,500	\$ 21,000	\$ 21,420	\$ 21,848	\$ 22,504
Handheld device printers (one-time)	\$ 18,000				
On-site Optimization (one-time)	\$ 27,000	\$ -	\$ -	\$ -	\$ -
System Integrations & Customizations	\$ 12,500	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
ANNUAL TOTAL	\$ 217,940	\$ 180,852	\$ 182,663	\$ 186,116	\$ 189,857
FIVE YEAR TOTAL	\$ 957,428				

*Business Intelligence Dashboard fees do not begin until June 2017 in Year 1

Car-share

WHY?

- Reduces parking demand
- Reduces miles traveled
- One car-share vehicle takes 13 vehicles off the road
- Reduces greenhouse gas emissions
- Drive cars by the hour or the day – 24/7



Car-Share Pilot

- Designate on-street spaces for car-share vehicles only
- Location, location, location
- Midtown has the density to support car-share
- Alternative transportation for residents, visitors
- Selected vendor will compensate City for on-street spaces

Car Share Pilot

- RFP published December 2015
- Designate 4 on-street parking spaces for car share vehicles only
- Expand car share to up to 14 spaces during pilot period
- 18-month pilot period to determine expansion
- Projected City Council agenda: October 2016
- **Investment: NONE**

Proposed Locations

Phase	Number of Spaces	Street	Cross Street #1	Cross Street #2
Phase 1	2	Bagby	Pierce St	Gray
	2	McGowen	Main	Travis
Phase 2	5	To be reviewed and finalized in coordination w/PWE Traffic Engineer		
Phase 3	5	To be reviewed and finalized in coordination w/PWE Traffic Engineer		
TOTAL	14 spaces			

Pay by App/Phone RFP

- Deployed in September 2011
- RFP issued in June 2016
- Customers pay for parking by phone or app.
- Reduces need to collect/service meter
- Customer receives receipt by email/text
- Transaction fee \$0.35
- Revenue neutral for City



Pay by App/Phone RFP

- Turn key solution
- White label app
- Marketing campaign
- 'Find my car' functionality
- Merchant validation program
- Evaluations underway
- City Council agenda: October 2016
- **Investment: NONE**



Pay for Parking
DOWNLOAD APP

PARKHOUSTON

OR
CALL 1-877-777-7777
Or Pay Nearest Meter
ZONE

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Houstonparkingtx.gov

Pay Stations

- City Council approved \$10 million for a five-year contract to refresh pay stations in October 2015.
- Phase 1 completed in March 2016 (276 pay stations)
- Phase 2 to be completed before end of 2016 (291 pay stations)
- Phase 3 – Fall 2017
- Phase 4 – Fall 2018
- Phase 5 – Fall 2019



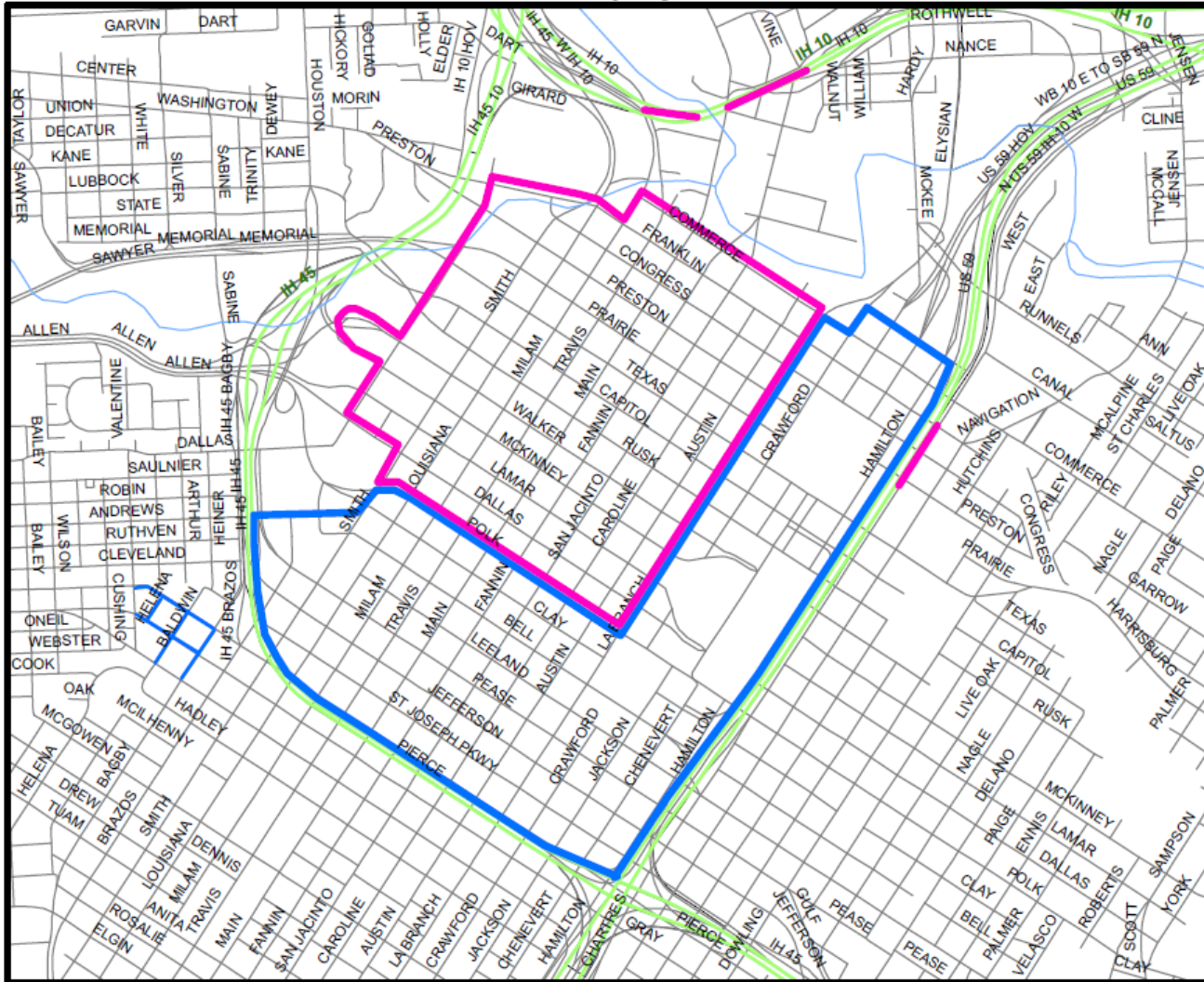
Pay Stations

Features

- Pay by plate
- Text alerts
- Faster transactions
- Paper jam sensor
- Service alerts
- Projected City Council Agenda: August 2016
- **Investment: \$2.1 million**



Downtown Houston Phase 2 Deployment



- Phase 1
- Phase 2

Questions?