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Smart Parking Initiatives

**North Texas Parking Symposium
North Texas Council of Governments**

Maria Irshad, CAPP
Assistant Director



**PARK
HOUSTON**



54% of world's population live in urban areas



2050 – Urbanized areas will grow by 2.5 billion



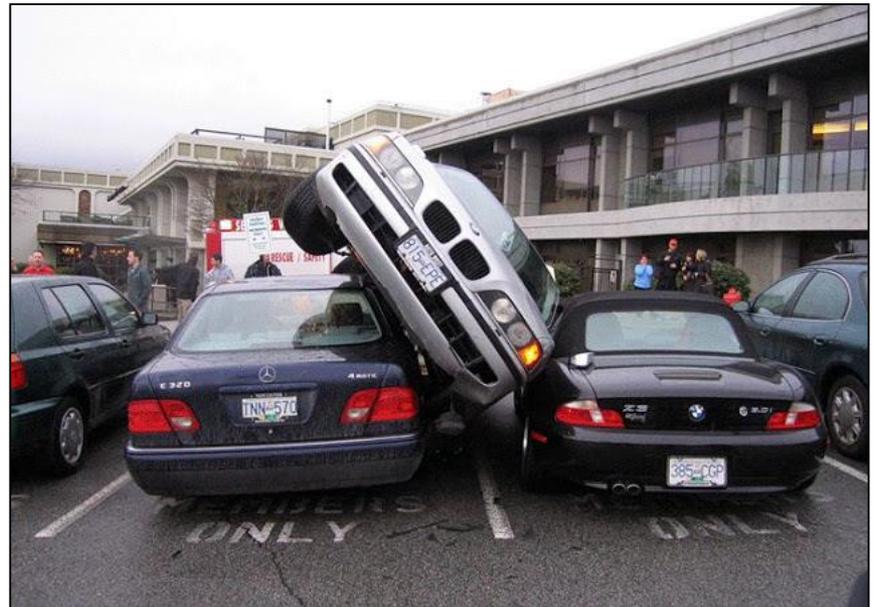
Cities need solutions

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
- Promote alternative modes of transportation

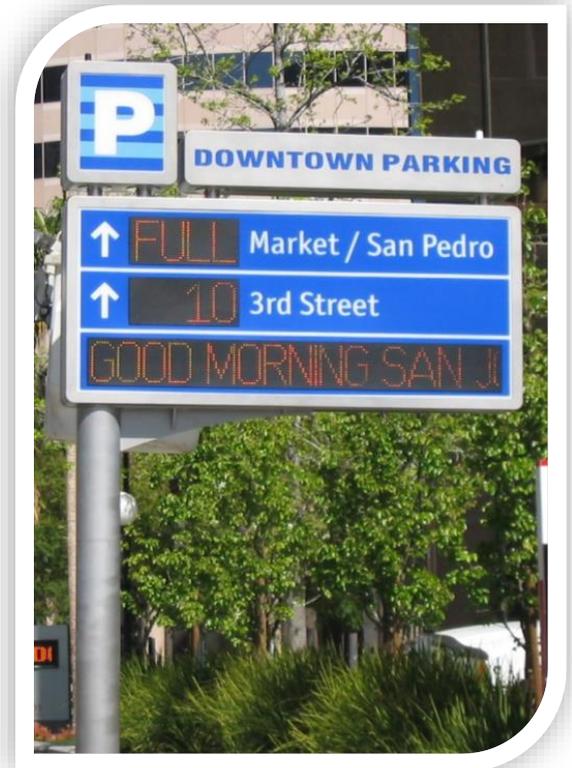
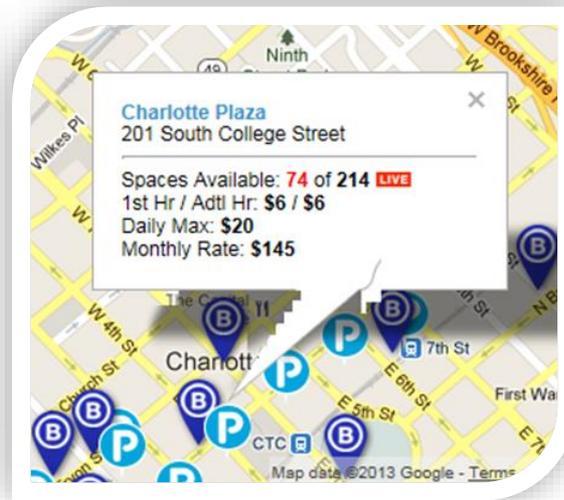


ParkHouston

- Manage 9,500 paid parking spaces
- Monitor and maintain 1,000+ parking meters and two garages
- Support compliance of parking regulations
- Administer parking permits including Residential Permit Parking, Valet, Commercial Zone and Newsracks
- Generate \$21 million annually

Parking Guidance System

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



Pay by App

- Went live 2011
- Upgraded in 2017
- Turn key solution
- 'Find my car' functionality
- Merchant validation program
- 16% of 2.4 mil transactions



On-Street Car-Share

- Designate on-street spaces for car-share vehicles only
- Went live in January 2016 in Midtown
- Alternative transportation for residents, visitors



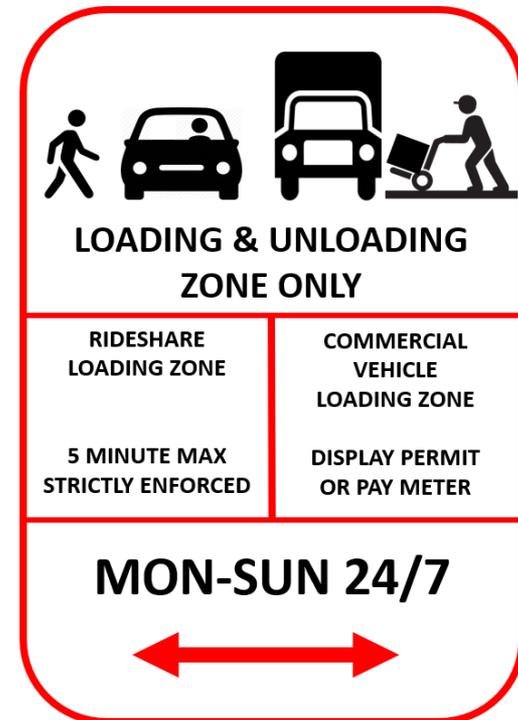
Data Analytics

- Analytics – meter transactions, citations and occupancy data
 - Collect data to support demand based pricing by block
 - Collect occupancy data to support pricing
- Occupancy over 85% - raise rate
- Occupancy less than 60% - lower rate



Curb Lane Management

- T4 America Smart Cities Collaborative
- Prioritizing curb space
 - Commercial Loading
 - Passenger Loading
 - Autonomous vehicles
 - Valet
 - Parking
 - Bike lanes
 - Delivery
- Rideshare Pilot



Micromobility

- Dockless Bikes
- Electric Scooters
- E-Bikes
- Regulation challenges in the right-of-way



Thank you!

Maria Irshad, CAPP, MPA

maria.irshad@houstontx.gov

832.393.8643