Bicycle Advisory Committee

BAC Mission

To advise and make recommendations to the commission and the director on issues related to bicycling in the city including, but not limited to, amendments to the Bike Plan, bicycle safety and education, implementation of the Bike Plan, development of strategies for funding projects related to bicycling, and promoting public participation in bicycling.

BAC Vision

By 2027, the City of Houston will be a Safer, More Accessible, Gold Level Bike-Friendly City

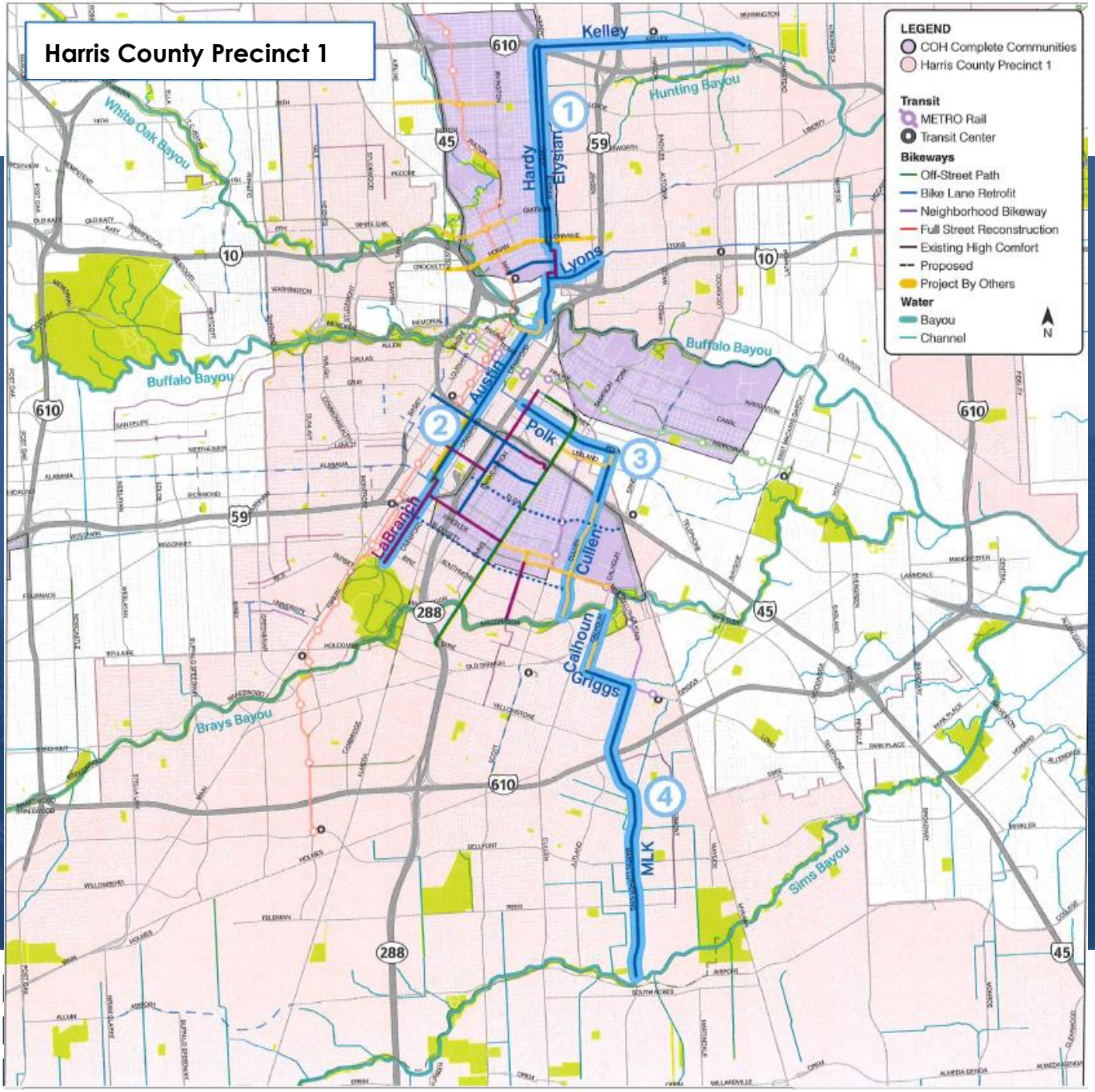
PLANNING & DEVELOPMENT DEPARTMENT

October 10, 2018 2:30-4:30pm
City Hall Annex Council Chamber

Agenda

- Director's Report
- Chair's Report
- Approval of minutes
- Discussion regarding National Walk & Bike to School Day
- Presentation by Houston Health Department regarding the Bike Rack Program
- Presentation by Houston Bike Share regarding dockless mobility recommendations
- Presentation by Houston Public Works regarding Safer Streets Initiative updates
- Announcements
- Public comment

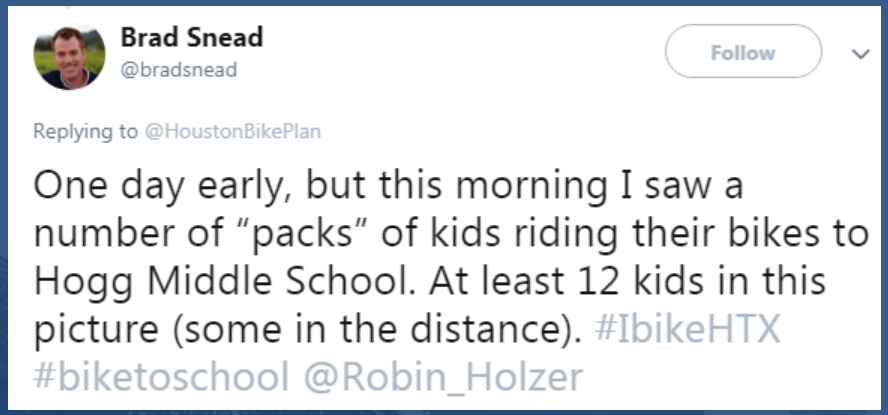
Harris County Precinct 1



Walk & Bike to School Day

PLANNING & DEVELOPMENT DEPARTMENT

Walk & Bike to School Day



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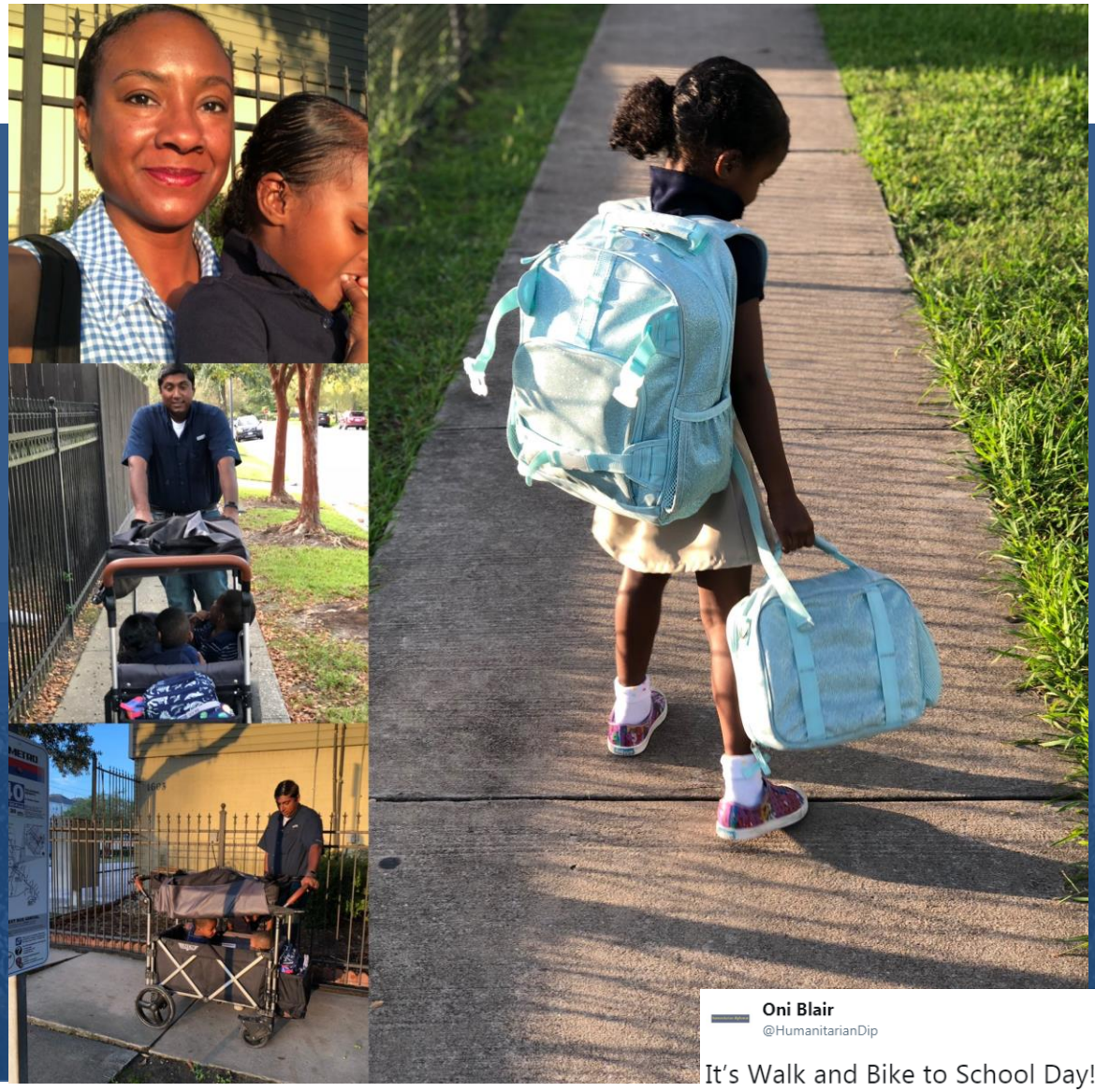


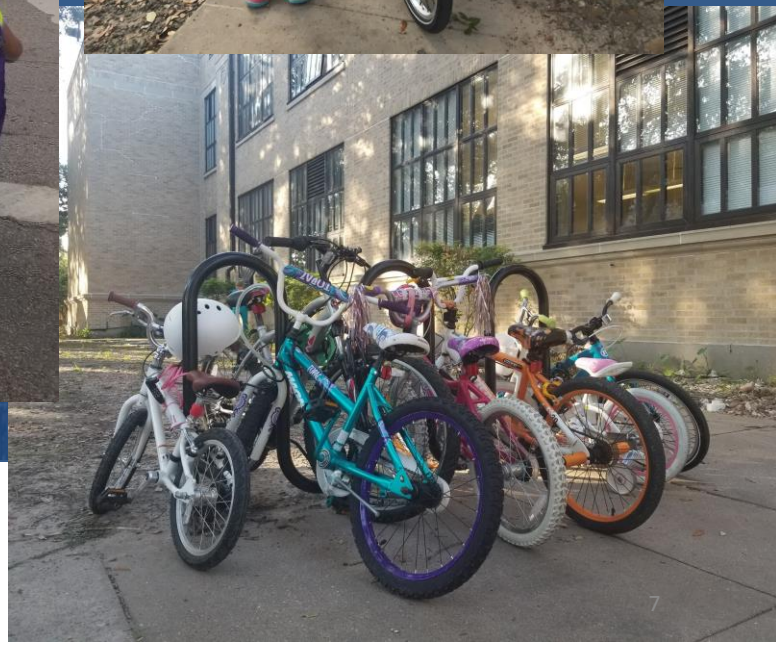
Oni Blair
@HumanitarianDip

Follow

It's Walk and Bike to School Day! #WalktoSchoolDay #walktoschool #biketoschool #walkandbiketoschool #saferstreetshtx @LINK_Houston @Robin_Holzer @fordmomentum @HoustonISD #Houston #HTX

PLANNING & DEVELOPMENT DEPARTMENT

Walk & Bike to School Day



PLANNING &
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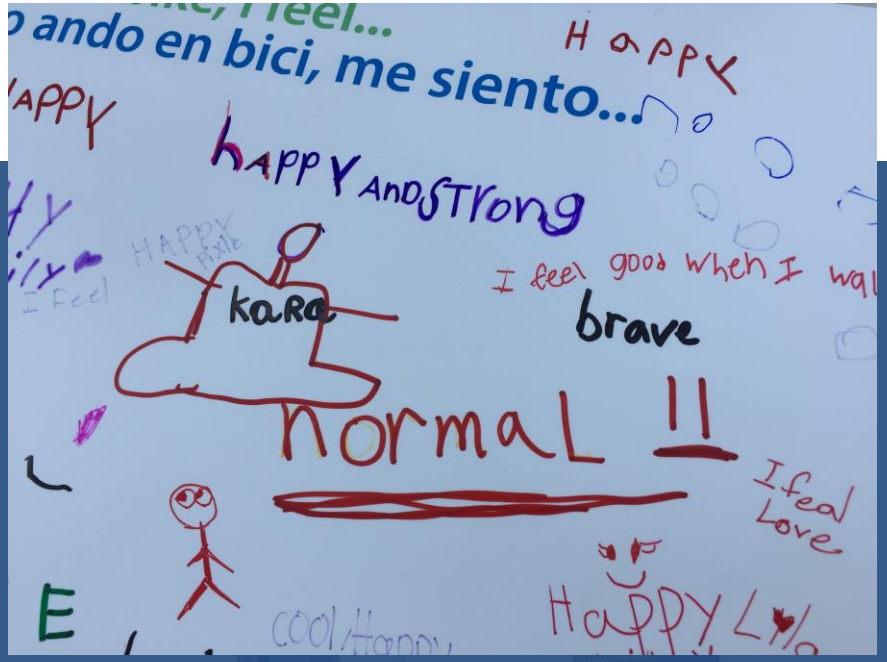
Walk & Bike to School Day



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Walk & Bike to School Day

"Huge thanks to (new) Wilson Montessori Principal Salvador for coming out to celebrate with families who walked and biked this morning."
-Robin Holzer

PLANNING & DEVELOPMENT DEPARTMENT

HOUSTON HEALTH DEPARTMENT

HOUSTONHEALTH.ORG

Houston Bike Racks Program

PRESENTED TO THE BICYCLE ADVISORY COMMITTEE

Presented by Debra Maxwell, MPH

Presentation Date: October 10, 2018

HOUSTON HEALTH DEPARTMENT

Presentation Overview

HOUSTON HEALTH DEPARTMENT

- Program Overview
- Background
- Application Process
- Summer Project Overview
- Future Direction

HOUSTON BIKE RACKS
IMPROVING BIKE PARKING IN HOUSTON

Bike Racks Program

Program Overview

HOUSTON HEALTH DEPARTMENT

What?

The Bike Rack Program is a bike rack distribution program that donates and delivers free bike racks to local businesses and non-profit organizations within the city of Houston.

Why?

- **Encourage physical activity**
- **Support bicycle networks and infrastructure**
- **Increase opportunities for active transportation**
- **Respond to community assessments & need**

How?

- **Increase # of end-of-trip facilities = bicycle parking**
- **Bike Rack Application**
- **Community Engagement**
- **Partnerships & Collaborations**

GO HEALTHY HOUSTON | HOUSTON HEALTH DEPARTMENT | HOUSTON BIKEWAYS | PLANNING & DEVELOPMENT DEPARTMENT

Background

- Launched: Spring of 2017
- Partners: Houston Health Department, Go Healthy Houston Taskforce, the Houston Public Works and Engineering Department, and the Planning and Development Department
- Supports the vision, objectives, and strategies identified in the Houston –Galveston Area Council 2040 Regional Pedestrian and Bicycle Plan and the Houston Bike Plan

Target community: Communities and neighborhoods with high rates of obesity and other chronic disease related indicators

Eligibility

HOUSTON HEALTH DEPARTMENT

Locations within Houston city limits

Eligible Applicants:

- Businesses and Worksites
- Civic Associations
- Super Neighborhoods
- Commercial Properties
- Community-based Organizations
- Management Districts

Bike Rack Models Available

HOUSTON HEALTH DEPARTMENT

Single Inverted U Rack

- Surface Mount
- Holds 2 Bikes
- ~24" wide

Wave Bike Rack

- Surface Mount
- Holds 5 bikes
- ~36" wide

HOW TO APPLY

1. Complete the online application at www.gohealthyhouston.org/hbr
2. Receive approval notice via email
3. Complete the Letter of Agreement and the Delivery form
4. Once approved, bike racks will be delivered to your location

Application Process

GO HEALTHY HOUSTON | HOUSTON HEALTH DEPARTMENT | HOUSTON BIKEWAYS | PLANNING & DEVELOPMENT DEPARTMENT

TIME TABLE

HOUSTON HEALTH DEPARTMENT

APPLICATION & DELIVERY PROCESS

- Private lot: 1 to 3 weeks for response and delivery

AFTER DELIVERY

- HHD will conduct a follow up survey one year after the delivery

Go Healthy Houston Website:

Rules and Regulations

- City of Houston Bike Parking Ordinances and Regulations

Installation Guides

- Essentials of Bike Parking
- Wave Rack Installation Instructions
- Single Rack Installation Instructions

Safety and Education

- COH Bike Safety Course

And More!

Additional Resources

Visit the Go Healthy Houston website for more information

www.gohealthyhouston.org/hbr

Cost

The Houston Bike Racks Program coordinates the approval and delivery of the free bike racks.

Approved applicants will only be responsible for installation of the bike racks within one year of delivery.

Bike Racks Program Flyer

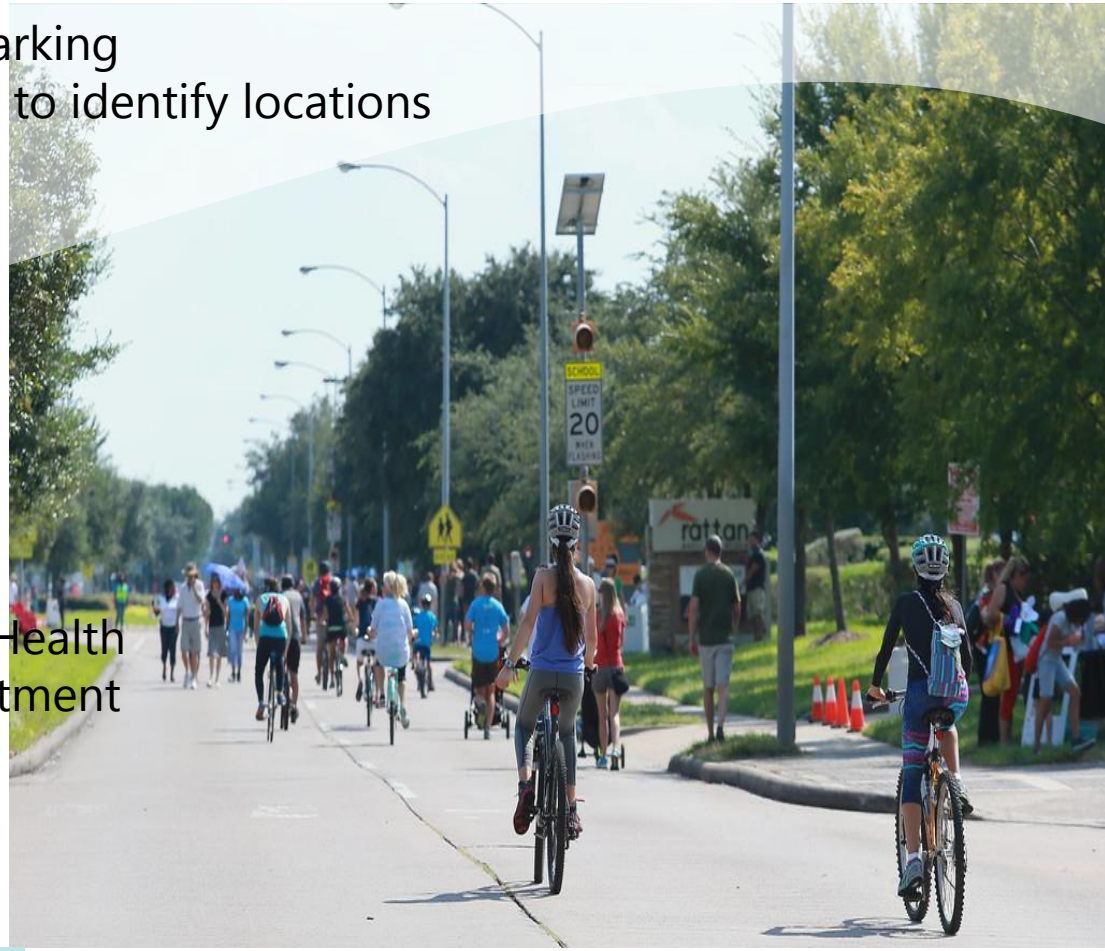
For additional questions:
bikerackshouston@houstontx.gov

Bike Racks Program
Summer Project

HOUSTON HEALTH DEPARTMENT

Project Goals

- Identify locations in need of bike parking
- Utilize community assessment data to identify locations
- Engage the community & youth



Activities

- Hosted an educational workshop
- Hosted 6 bike parking audits

Partnerships

- HHD Bureau Youth & Adolescent Health
- Planning and Development Department
- Public Works and Engineering Department
- BikeHouston
- Houston –Galveston Area Council

Workshop – July 9, 2018

HOUSTON HEALTH DEPARTMENT

Workshop Objectives:

- Learn how access to biking facilities can impact communities
- Get youth involved in the planning and future of their community
- Explore ways to identify areas for safe bike parking
- Create a safe bicycle-friendly environment
- Get volunteer hours and add new skills to their resume

GO HEALTHY HOUSTON | HOUSTON HEALTH DEPARTMENT | PLANNING & DEVELOPMENT DEPARTMENT | BUREAU OF YOUTH & ADOLESCENT HEALTH | BIKEHOUSTON

Bike Racks Parking Audits
July 2018

HOUSTON HEALTH DEPARTMENT

WHO:

- Students, HHD staff, and community members

HOW:

- Data collection: Included sidewalk width, adjacent businesses, photos, and geographic coordinates for installation

WHERE:

- Gulfton, Near Northside, Third Ward, Second Ward, Acres Homes, and Sunnyside

GO HEALTHY HOUSTON | HOUSTON HEALTH DEPARTMENT | PLANNING & DEVELOPMENT DEPARTMENT | BUREAU OF YOUTH & ADOLESCENT HEALTH | BIKEHOUSTON

Bike Racks Project Outcomes

HOUSTON HEALTH DEPARTMENT

Students identified:

- 34 private property locations and 19 right of way (ROW) locations
- 13 places that currently have bike racks

Next steps

- Add additional ROW locations based on community assessments
- Follow-up & engagement with identified businesses
- Submit data to the Planning and Development Department and Houston Public Works Department for further analysis and approval
- Installation for approved sites in the Spring of 2019
- Share results & lessons learned

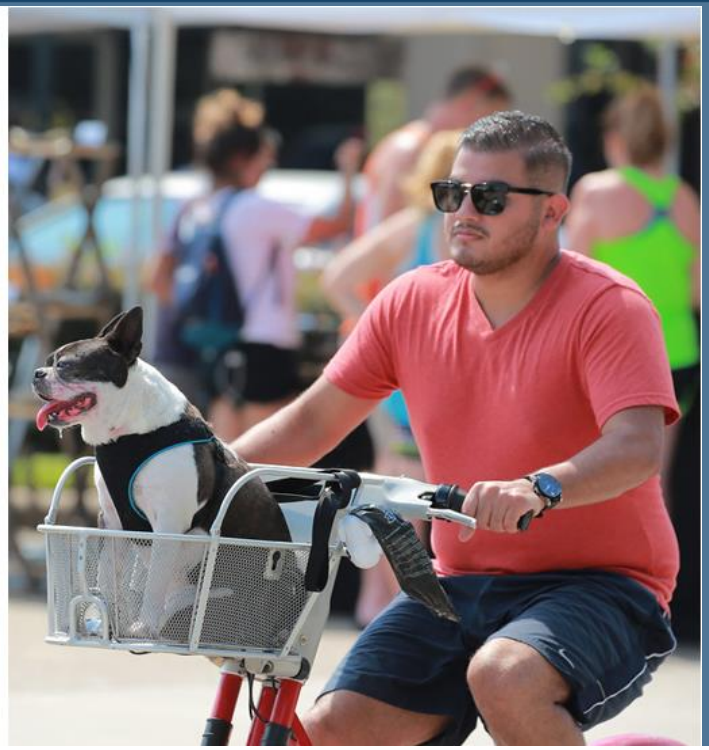
FUTURE DIRECTION & NEXT STEPS

HOUSTON HEALTH DEPARTMENT

- Community Engagement & Partnership
- Evaluation & Quality Improvements
- Share results & lessons learned
- Support the H-GAC 2040 Regional Ped/Bike Plan, Houston Bike Plan, and Mayor's Complete Communities Initiative

GO HEALTHY HOUSTON | HOUSTON HEALTH DEPARTMENT | HOUSTON BIKEWAYS | PLANNING & DEVELOPMENT DEPARTMENT

HOUSTON HEALTH DEPARTMENT



Thank You!

Questions?

Visit Go Healthy Houston for more information and to apply to the Houston Bike Racks Program at www.gohealthyhouston.org/hbr

GO HEALTHY HOUSTON | HOUSTON HEALTH DEPARTMENT | HOUSTON BIKEWAYS | PLANNING & DEVELOPMENT DEPARTMENT

Contact Information

HOUSTON HEALTH DEPARTMENT

Debra Maxwell, MPH
Health Planner
Office of Chronic Disease, Health Education & Wellness
Houston Health Department

For questions, please contact us at bikerackshouston@houstontx.gov

Thank you for your support to increase access to safe bike parking in Houston! Happy Cycling!

Special thanks to all of our partners!

GO HEALTHY HOUSTON · HOUSTON HEALTH DEPARTMENT · HOUSTON BIKEWAYS · PLANNING & DEVELOPMENT DEPARTMENT

HBS Stakeholder Meeting

Thursday | September 20th | 2018

Final Dockless Recommendations

Process: RFI to Present

4/1 - RFI Drafted

4/12 - First Stakeholder Meeting

5/4 - RFI Released to Operators

6/1 - HBS Receives Submissions

6/21 - Stakeholder Taskforce Meeting
Submission Analysis

6/25 - Stakeholder Taskforce Meeting
Recommendations: Discussion and Draft

HBS Revises Recommendations

9/4 - NABSA Annual Conference

HOUSTON BIKE SHARE

Main Conference Takeaway:
Varied Responses from Cities across U.S.

- Pilot Processes
- Service Areas
- Equity Requirements
- Vehicle Caps
- Fee Structures
- Fee Amounts
- Performance Bonds

- Enforcement
- Auditing
- Data Aggregation
- Education
- City Involvement
- Nonprofit Involvement
- Third-Party Involvement

- Best/Worst Practices Determined
- Structure Will Remain Flexible
- Recommendations Adjusted Accordingly

HOUSTON BIKE SHARE

Final Recommendations:
Guiding Principles

Mobility

Sustainability

Safety & Reliability

Equity

Livability

Flexibility

HOUSTON BIKE SHARE

Final Recommendations

Collaboration Between:

City of Houston

Houston Bike Share

Third-Party Data Aggregator

Operators

Permit Process:

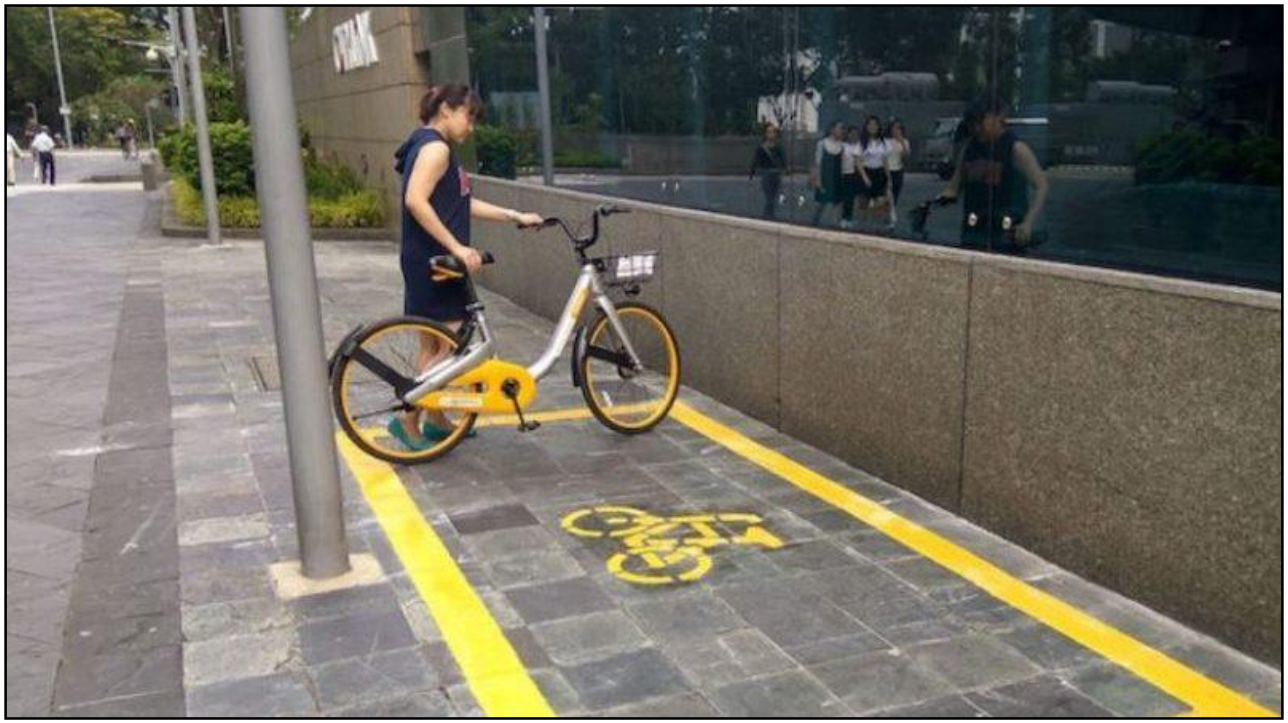
Fee Structure

Regulations & Enforcement

Shared Vehicle Corrals

HOUSTON BIKE SHARE

Final Recommendations to City:
Shared Vehicle Corrals



HOUSTON BIKE SHARE

Final Recommendations to City:
Shared Vehicle Corrals

Stencil Design

Standard: 16’ x 8’

Operators Must Implement

1 Corral = 10 Vehicle Credits

City Approves Corrals

Corrals Aren’t Branded

Corrals Can Be Used By All Operators

HOUSTON BIKE SHARE

Final Recommendations to City:

Equitable Distribution

20% of Fleet in Underserved Communities

(once Planning Dept. finishes map)

Visible ID

All Vehicles Must Have Visible ID

All Vehicles Must Have Visible 24-hr Customer Service #

HOUSTON BIKE SHARE

Final Recommendations to City:

Abandoned Vehicles

All Vehicles Must be in Corrals by 4AM

Exceptions: Vehicles Ridden from 12AM-4AM

Fee Upon Relocation: $25 per Vehicle

HOUSTON BIKE SHARE

Final Recommendations to City:

Adaptive Vehicles

Approved on a Rolling Basis by HBS

Operator Reporting

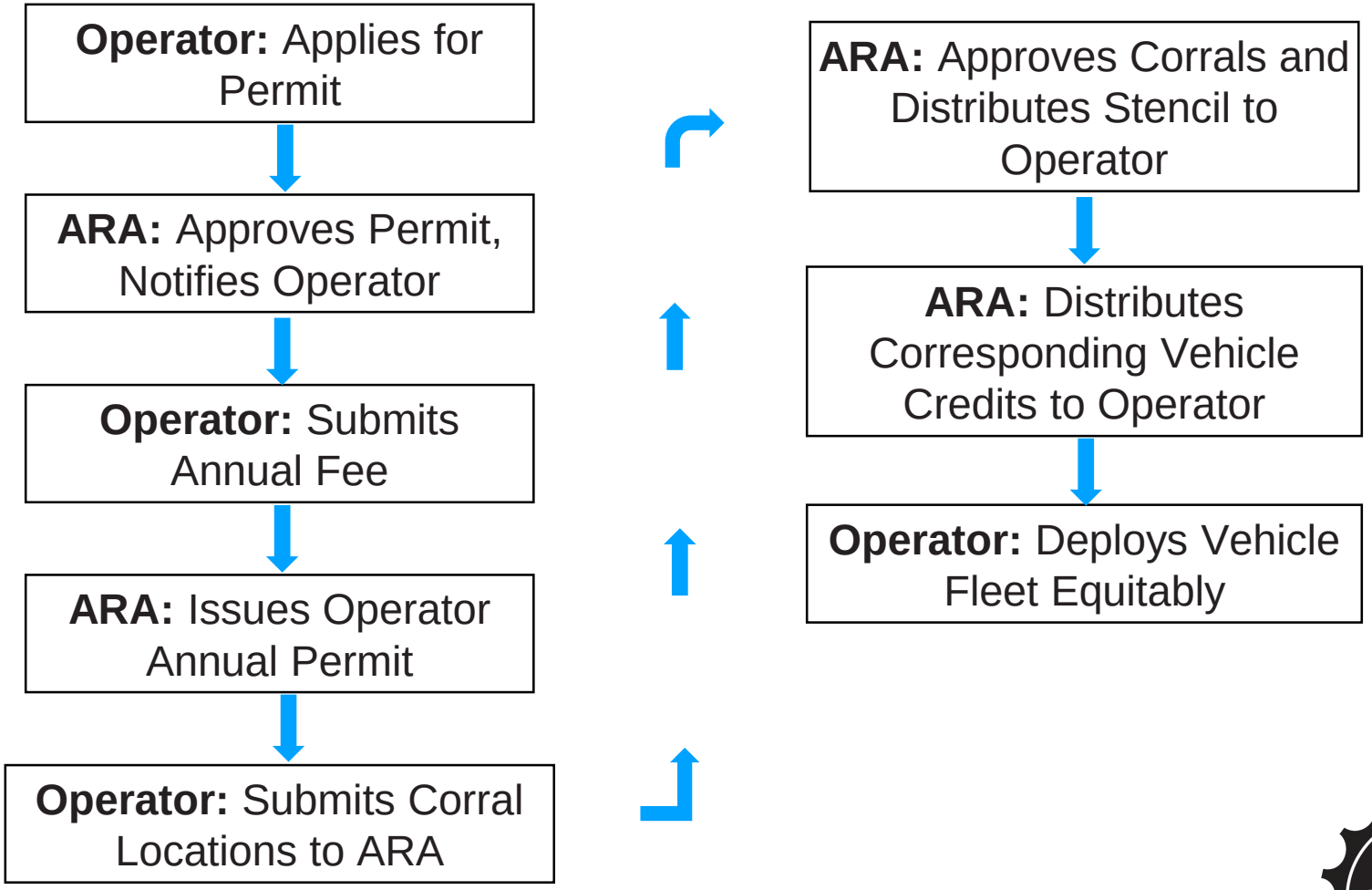
Monthly for First 6 Months, Quarterly After

Trip Data, Maintenance, Customer Issues

Detailed Annual Report Required

HOUSTON BIKE SHARE

How Do Operators Get Vehicles on the Ground?



HOUSTON BIKE SHARE

Next Steps!

COH & HBS

Create and Refine Regulations

Hire 3rd-Party Data Aggregator

Public Engagement & Outreach

COH

Create Underserved Communities Map

Create 311 Category for “Dockless Vehicles”

HBS

Contact NABSA Conference Connections

Vet 3rd Party Data Aggregators

Design Corral Stencil

HOUSTON BIKE SHARE

Safer Streets Initiative Update

Ian Hlavacek, P.E.

Houston Public Works

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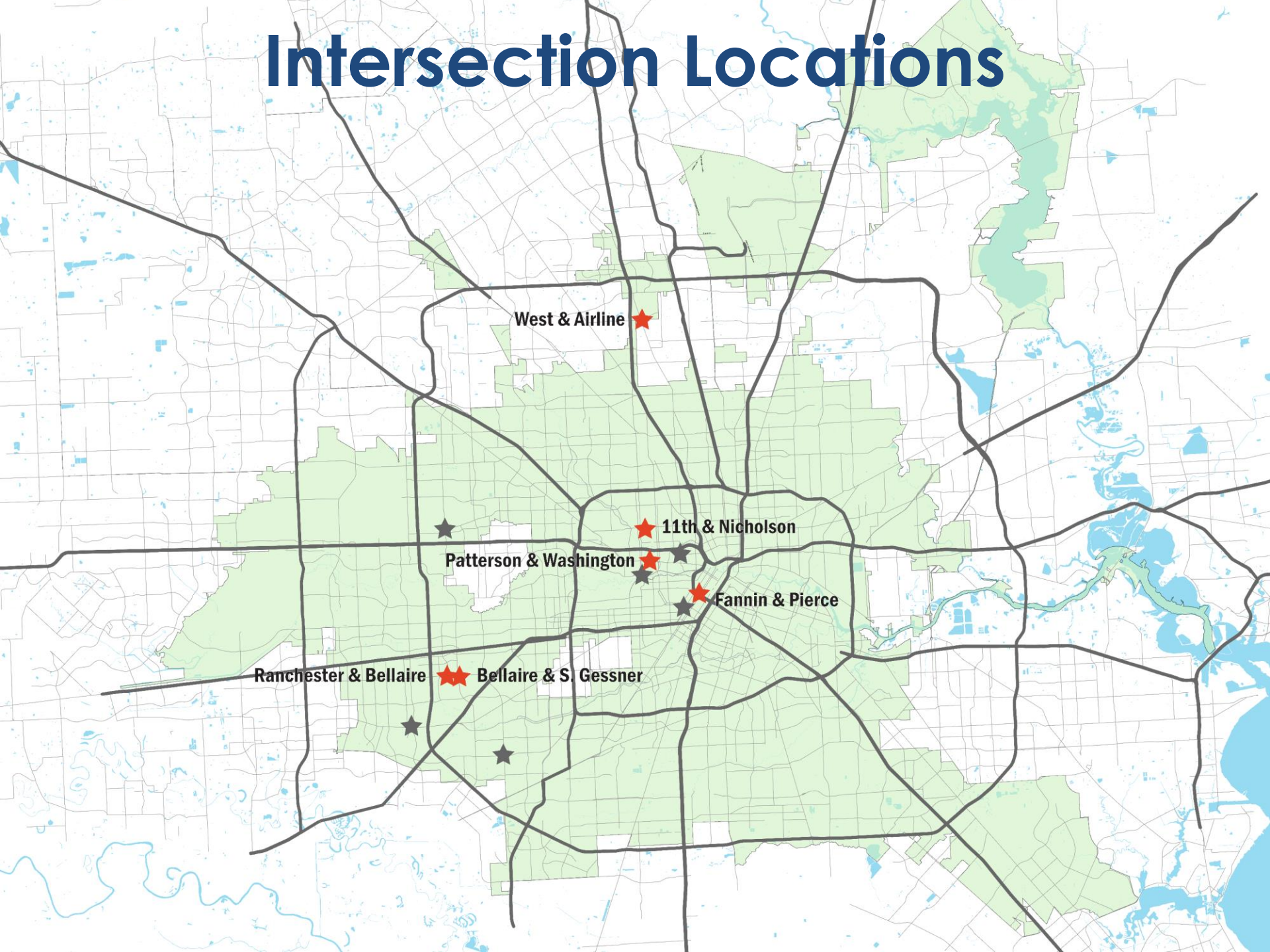
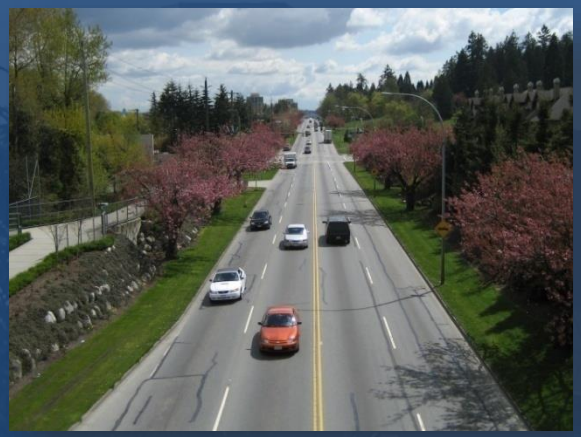
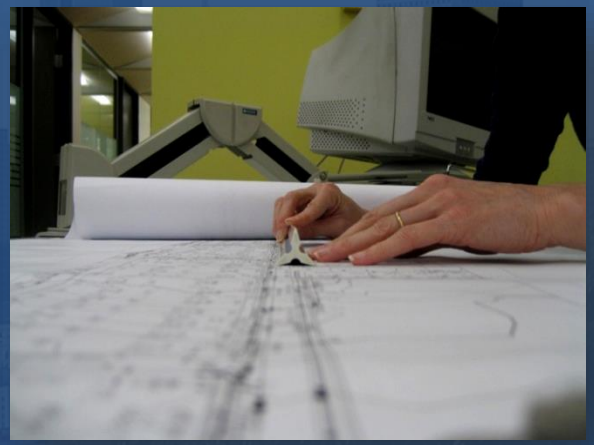
Intersection Locations



Road Safety Audit Definition

A **formal safety performance examination** of an **existing or future road** or intersection by an **independent, multi-disciplinary RSA team**.





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The RSA Team

• Stephen Ratke	FHWA - Texas
• Keith Sinclair	FHWA - Resource Center
• Ian Hlavacek	Houston Public Works
• Ahmad Ahadi	Houston Public Works
• Capt. Kevin Deese	HPD
• Gary Scott	Houston Metro
• Jessica Wiggins	BikeHouston
• Jonathan Brooks	LINK Houston
• Isaiah Mora	TxDOT

General Characteristics of an RSA

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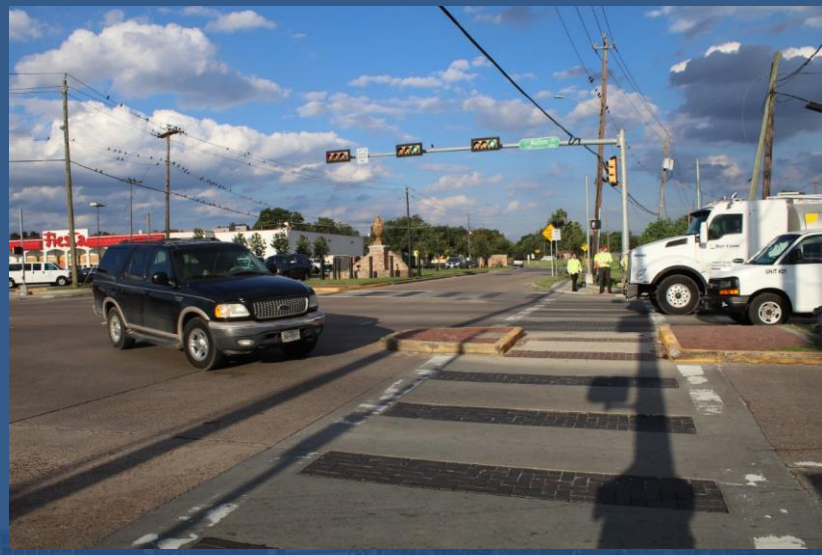
“Forensic” Analysis

- Crash trends
- Collision diagrams
- Traffic counts
- Houston Bike Plan
- On site observations
- Geometrics
- Pavement condition
- Signs and markings
- Human factors contributions

PLANNING & DEVELOPMENT DEPARTMENT

Preliminary Findings: General Issues and Concerns

- Pedestrian and bicycle crashes
- Pedestrian and bicycle comfort
- Aggressive driving/excessive speeds
- Mitigating turning movement conflicts
- Lighting to see pedestrians and bicycles
- ADA/accessibility
- Connections to transit
- Connections to businesses, schools, residences



Example: 11th at Nicholson

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Median Refuge

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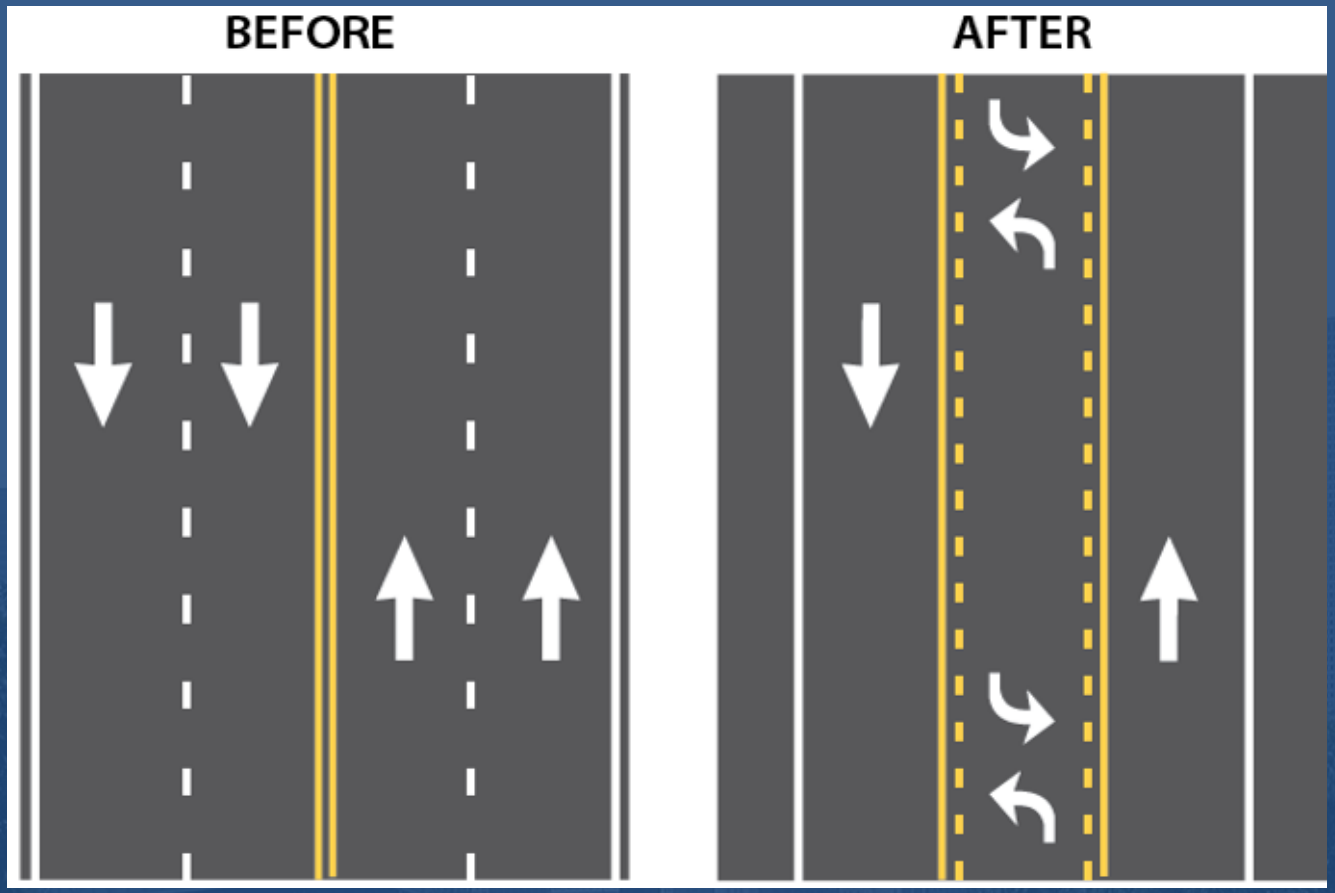
Proposal for 11th Street



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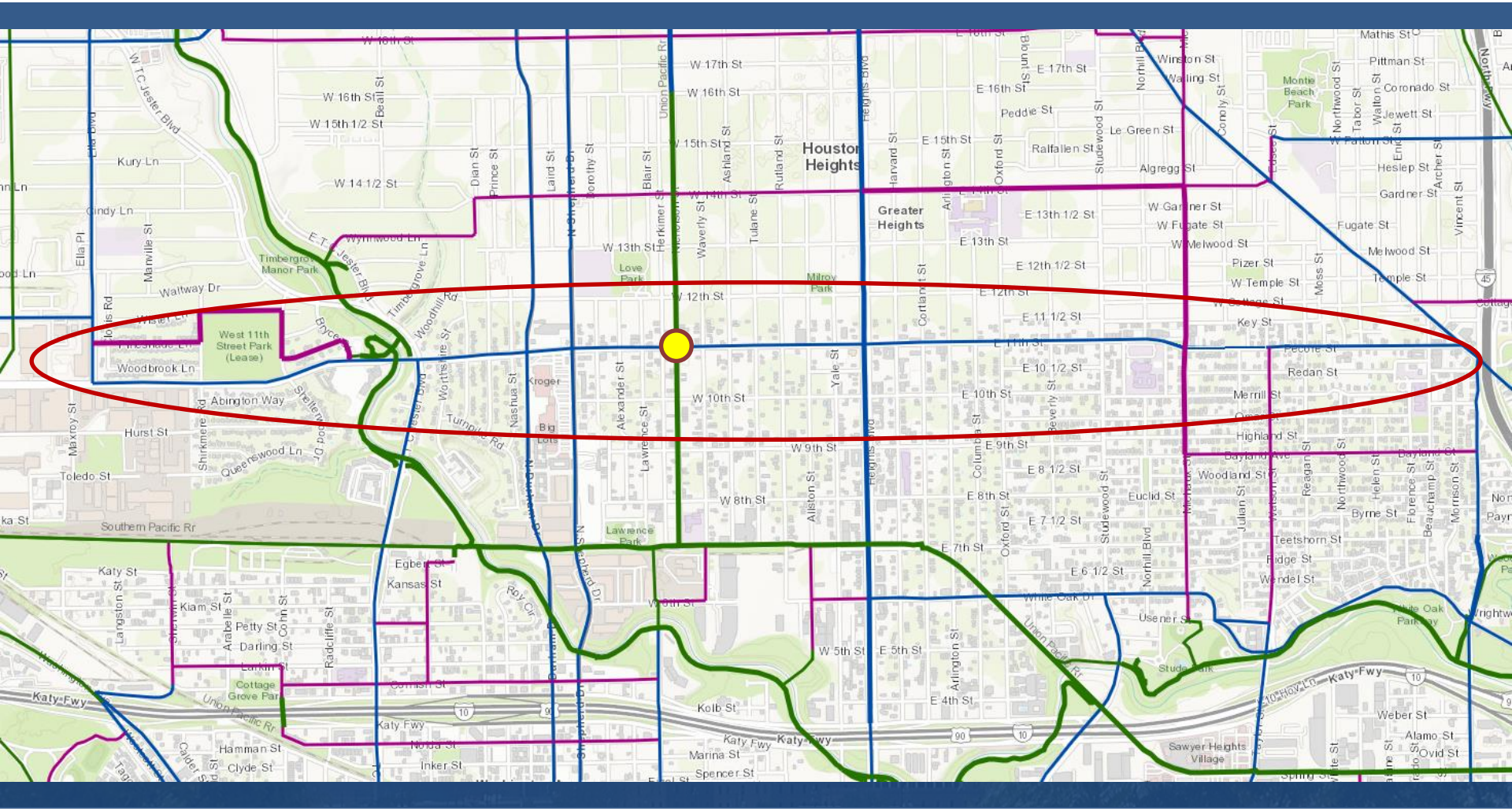
11th is on the Houston Bike Plan



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Next Steps

- FHWA will prepare a draft recommendation report
- HPW will review and respond with proposed actions
- FHWA will prepare final report, which will be made public
- HPW and partners will seek funding and develop timeline for implementation
- Next six intersections will be analyzed in Spring 2019.
  - Long Point & Gessner
  - Fondren & West Bellfort
  - Bissonnet & Wilcrest
  - Shepherd & Allen Parkway & Kirby
  - Taylor & Spring & MKT Trail
  - Hawthorn & Spur 529 & Holman

Questions

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Announcements

Next Meeting:

Wednesday, January 16, 2019

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