History

- **2017**: Complete Communities / Safer Street Initiative
- **May 2018**: Expansion of Safer Streets Initiative
- **Summer 2018**: Work with BikeHouston and LINK Houston to identify priority intersections.
- **September 2018**: Road Safety Audit Phase 1
- **January 2019**: Road Safety Audit Phase 2
Safer Streets for People Walking & Biking

Priority Intersections

Approved by Mayor Turner
July 13, 2018

**LINK Houston Crash-based**

1. Fannin & Pierce
2. Ranchester & Bellaire
3. Westheimer & S Dairy Ashford
4. Long Point & Gessner
5. Westpark Dr & U.S. 59 South
6. Old Spanish Trail & 288 South
7. Fondren & West Bellfort
8. Bissonnet & Wilcrest
9. West & Airline
10. Bellaire & S Gessner

**BikeHouston Members**

1. Sunset & Main & Fannin*
2. Shepherd & Allen Pkwy & Kirby
3. Taylor & Spring & MKT Trl
4. 11th St & Nicholson
5. West 610 & Woodway & Arbor. Trl
6. Houston & Spring & MKT Trl*
7. Hawthorne & Spur 529 & Holman
8. Patterson & Washington
9. Waugh/Heights & Memorial
10. Weslayan & Westpark/US 59
11. Morningside & Bellaire

* Project already in progress
Road Safety Audit Definition

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

1. Identify corridor
2. Select RSA team
3. Conduct start-up meeting
4. Perform field reviews
5. Conduct analysis and prepare report
6. Present findings to Owner
7. Prepare formal response
8. Incorporate findings

Where we are (Round 1)
Where we are (Round 2)

RSA Team
Design Team/Owner

PLANNING & DEVELOPMENT DEPARTMENT
“Forensic” Analysis

- Crash trends
- Collision diagrams
- Traffic counts
- Houston Bike Plan
- On site observations
- Geometrics
- Pavement condition
- Signs and markings
- Human factors contributions
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
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 two weeks!
Next 6

**LINK Houston Crash-based**
1. Fannin & Pierce
2. Ranchester & Bellaire
3. Westheimer & S Dairy Ashford
4. **Long Point & Gessner**
5. Westpark Dr & U.S. 59 South
6. Old Spanish Trail & 288 South
7. **Fondren & West Bellfort**
8. **Bissonnet & Wilcrest**
9. West & Airline
10. Bellaire & S Gessner

**BikeHouston Members**
1. **Sunset & Main & Fannin***
2. **Shepherd & Allen Pkwy & Kirby**
3. **Taylor & Spring & MKT Trl**
4. 11th St & Nicholson
5. West 610 & Woodway & Arbor. Trl
6. **Houston & Spring & MKT Trl***
7. Hawthorne & Spur 529 & Holman
8. Patterson & Washington
9. Waugh/Heights & Memorial
10. Weslayan & Westpark/US 59
11. Morningside & Bellaire

* Project already in progress
### Safer Streets Priority Intersections for People Walking & Biking

<table>
<thead>
<tr>
<th>Neighborhood</th>
<th>Alief</th>
</tr>
</thead>
<tbody>
<tr>
<td># of crashes</td>
<td>8 (8 walking, 0 biking) <strong>1 ped death</strong></td>
</tr>
<tr>
<td>Value of prevention</td>
<td>$13.0m</td>
</tr>
<tr>
<td># population in tract</td>
<td>2,780 48201453300</td>
</tr>
<tr>
<td>% HHs in poverty</td>
<td>36%</td>
</tr>
<tr>
<td>% HHs with no vehicle</td>
<td>10%</td>
</tr>
<tr>
<td># jobs in proximity</td>
<td>720</td>
</tr>
<tr>
<td># schools within ¼-mile</td>
<td>3</td>
</tr>
<tr>
<td># transit stops adjacent</td>
<td>4 (150 weekday boardings/alightings)</td>
</tr>
</tbody>
</table>

Sources: A. H-GAC Demographic Data Explorer, B. H-GAC Activity-Connectivity Explorer, C. Google Maps, D. Houston METRO

---

**Bissonnet & Wilcrest**

#SaferStreetsHTX

15

![Link Houston Logo]
Safer Streets Priority Intersections for People Walking & Biking

Neighborhood: Greater Fondren Southwest
# of crashes: 12 (11 walking, 1 biking), 1 ped death
Value of prevention: $14.3m
# population in tract: 5,142
% HHs in poverty: 20%
% HHs with no vehicle: 14%
# jobs in proximity: 791
# schools within ¼-mile: 2
# transit stops adjacent: 3 (504 weekday boardings/alightings)

Sources: A. H-GAC Demographic Data Explorer, B. H-GAC Activity-Connectivity Explorer, C. Google Maps, D. Houston METRO
Safer Streets Priority Intersections for People Walking & Biking

<table>
<thead>
<tr>
<th>Neighborhood</th>
<th>Spring Branch West</th>
</tr>
</thead>
<tbody>
<tr>
<td># of crashes</td>
<td>4 (4 walking, 0 biking)</td>
</tr>
<tr>
<td>Value of prevention</td>
<td>$14.7m</td>
</tr>
<tr>
<td># population in tract</td>
<td>4,324 48201522202</td>
</tr>
<tr>
<td>% HHs in poverty</td>
<td>38%</td>
</tr>
<tr>
<td>% HHs with no vehicle</td>
<td>10%</td>
</tr>
<tr>
<td># jobs in proximity</td>
<td>431</td>
</tr>
<tr>
<td># schools within ¼-mile</td>
<td>2</td>
</tr>
<tr>
<td># transit stops adjacent</td>
<td>2 (303 weekday boardings/alightings)</td>
</tr>
</tbody>
</table>

Sources: A. H-GAC Demographic Data Explorer, B. H-GAC Activity-Connectivity Explorer, C. Google Maps, D. Houston METRO

LONG POINT & GESSERTER

4 of 10

#SaferStreetsHTX 19

PLANNING & DEVELOPMENT DEPARTMENT
Hawthorne/Holman/Spur
Spring/Taylor/MKT Trail
RSA Round 2

Kick-Off Meeting:
- Monday Jan 28 at 1PM
- Transtar (6922 Katy Rd), Room 216

Close-Out Meeting:
- Friday February 1 at 1 PM
- Transtar, Room 120A

Please RSVP to ian.hlavacek@houstontx.gov