Agenda

• Project Overview
• Design Proposal
• Community Feedback
• Process & Timeline
• Question & Answer
Project History

- SN22 Transportation Plan (2010)
  *Identified Patterson as priority connection*
- Washington Avenue Livable Centers Study (2013)
- Houston Bike Plan (2017)
  *Lists Patterson as “short-term retrofit”*
- Safer Streets Initiative (2018)
  *Washington/Patterson intersection studied in recent Road Safety Audit*
The Road Safety Audit Team

- Federal Highway Administration (FHWA)
- Houston Public Works
- Houston Police Department
- Texas Department of Transportation (TxDOT)
- Houston METRO
- BikeHouston
- LINK Houston
WHITE OAK BAYOU to IH-10
26' WIDE

IH-10 to UP RAILROAD
36' WIDE

UP RAILROAD TO WASHINGTON
40' WIDE

WASHINGTON TO JACKSON HILL
18-20' WIDE

FEAGAN TO BUFFALO BAYOU
36' WIDE
Jackson Hill, Patterson

>36’ wide

Existing

<table>
<thead>
<tr>
<th>8’ Parking lane</th>
<th>12’ Drive lane</th>
<th>12’ Drive lane</th>
<th>8’ Parking lane</th>
</tr>
</thead>
</table>

Option 1: Buffered Bike Lane

<table>
<thead>
<tr>
<th>6’ Bike lane</th>
<th>3’</th>
<th>11’ Drive lane</th>
<th>11’ Drive lane</th>
<th>3’</th>
<th>6’ Bike lane</th>
</tr>
</thead>
</table>

Option 2: Shared Lane with Parking

<table>
<thead>
<tr>
<th>8’ Parking lane</th>
<th>12’ Sharrow</th>
<th>12’ Sharrow</th>
<th>8’ Parking lane</th>
</tr>
</thead>
</table>
Feagan, Patterson
<36’ wide

Existing

Proposed

10’ Drive lane
10’ Drive lane

10’ Sharrow
10’ Sharrow
We asked for your feedback

• Survey Monkey
• April – May 2019
• 448 Respondents
  • 254 West End
  • 78 Magnolia Grove
  • 110 Other
Bikeway Options

Neighborhood Bikeway

Buffered Bike Lane

One-side Bike Lane
Bikeway Options

Neighborhood Bikeway

Buffered Bike Lane

One-side Bike Lane

<table>
<thead>
<tr>
<th></th>
<th>All</th>
<th>West End</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Survey</td>
<td>40%</td>
<td>48%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>42%</td>
<td></td>
<td>18%</td>
</tr>
<tr>
<td></td>
<td>31%</td>
<td></td>
<td>21%</td>
</tr>
</tbody>
</table>
Patterson at Washington
Intersection Treatment

Median Refuge Island

Medians and Pedestrian Crossing Islands in Urban and Suburban Areas

Median and pedestrian crossing islands near a roundabout.

SAFETY BENEFITS:
- Raised Median
  46%
- Reduction in pedestrian crashes
- Pedestrian Crossing Island
  56%
- Reduction in pedestrian crashes

Patterson at Washington
Intersection Treatment

Partial Closure - Patterson
Full Closure - Patterson
Full Closure - Thompson
Patterson at Washington
Intersection Treatment

Partial Closure - Patterson

Full Closure - Patterson

Full Closure - Thompson

<table>
<thead>
<tr>
<th>SURVEY</th>
<th>All</th>
<th>West End</th>
</tr>
</thead>
<tbody>
<tr>
<td>32%</td>
<td>35%</td>
<td></td>
</tr>
<tr>
<td>34%</td>
<td>24%</td>
<td></td>
</tr>
<tr>
<td>35%</td>
<td>41%</td>
<td></td>
</tr>
</tbody>
</table>
What We Heard

• Strong support for median refuge across Washington
• Strong support for bicycle safety improvements
• Concerns around parking loss
• Concerns around speeding and volume on Patterson
• Concerns about access at Washington
• Desire for improvements at Koehler & Jackson Hill bridge
Implementations of Level of Comfort 1 and 2 bikeways are preferred. It is recommended that, when implementing a bikeway, the City build the highest comfort facility that is feasible for the corridor. Level of comfort 3 and 4 bikeways are discouraged.
Patterson Speed
30.5 mph
85% Percentile

Patterson Traffic Volume
4,356
Vehicles per Day
Proposal

Neighborhood Bikeway

Full Closure - Patterson
What We Heard

• Strong support for **median refuge** across Washington 🙂 🙂
• Strong support for **bicycle safety** improvements 🙂
• Concerns around **parking loss** 🙂 🙂
• Concerns around **speeding and volume** on Patterson 🙂
• Concerns about **access** at Washington 😞
• Desire for improvements at Koehler & Jackson Hill bridge 🙂 🙂
Process and Timeline

- Stakeholder engagement (Now)
- Design (Fall 2019)
- Follow-up
- Construction (2020)
Thank You!

Peter Eccles
City of Houston Planning & Development Department
Peter.Eccles@houstontx.gov
(832) 393-6591