

# Complete Streets and Transportation Report



Source: Alex Barber / UpArt Studio



PLANNING &  
DEVELOPMENT  
DEPARTMENT

# Houston's Multimodal Vision

A safe, reliable, and equitable transportation system will help Houston be a great place to live, work, and play, providing economic opportunities and high quality of life for all.







“When everyone has access to a complete transportation system, that helps move people to work, and from one destination to the other, it works. To learn and to play, then we are on the path to a better life.”

— Mayor Sylvester Turner, State of Mobility Speech, May 2022

# Walking

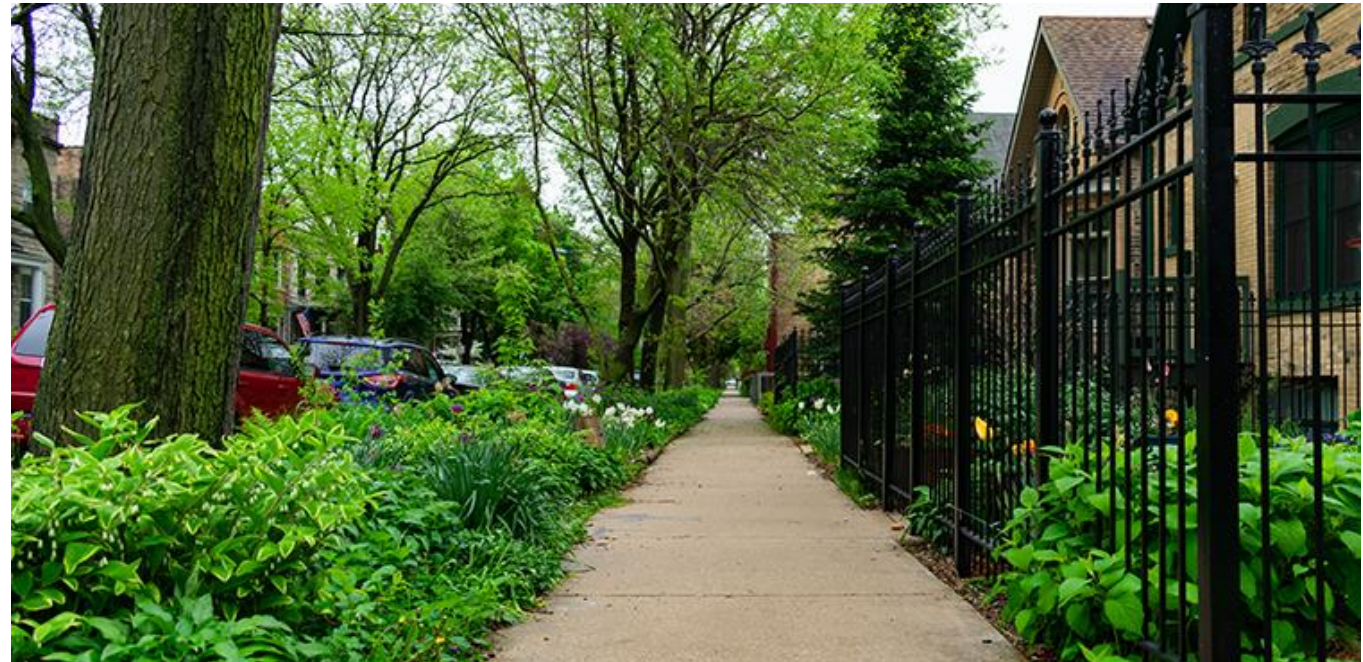


## Sidewalk build-out

- Nearly 6 miles of new/reconstructed sidewalks by the City
- 214 new/reconstructed curb ramps by the City
- Nearly 4,000 private projects included sidewalk construction



Source: Shutterstock



Source: City of Houston



# Walking



Source: City of Houston

## Sidewalk Network Ordinance Amendments

- Presented proposed Sidewalk Network Ordinance Amendments to Planning Commission
- Prioritizes safety, connectivity, and establishes a sidewalk committee
- Creates 17 sidewalk service areas and a sidewalk fund to promote a complete sidewalk network throughout the City
- Provides three options for sidewalk compliance

\*The Sidewalk Network Ordinance Amendments were unanimously adopted by City Council in 2023



# Walking



## Options for Sidewalk Compliance

- Construct the required sidewalk
- Construct sidewalk with modified width (Application and Sidewalk Committee approval required)
- Pay a Fee in Lieu of Sidewalk Construction



Source: City of Houston



Source: City of Houston

\*The Sidewalk Network Ordinance can be found in the Code of Ordinances, Sections 40-553, 40-560(b) and 40-561(d)

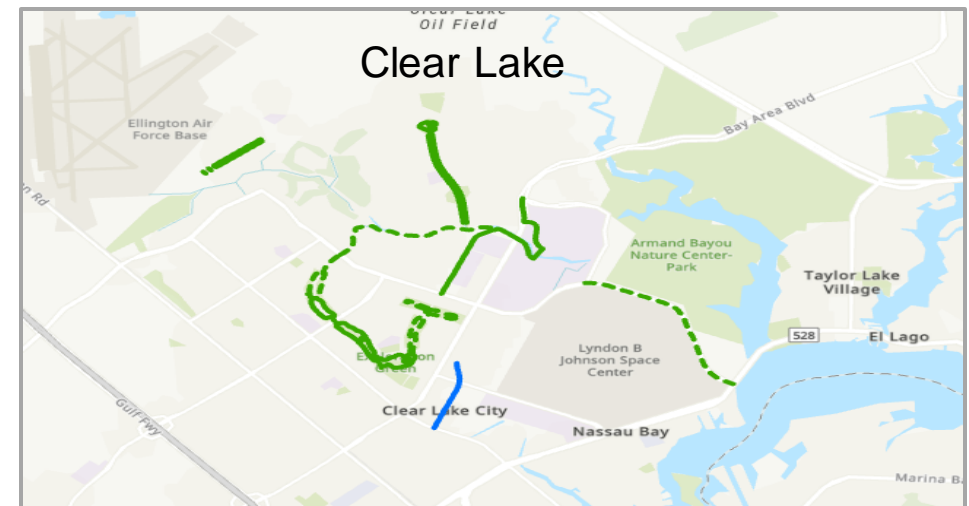
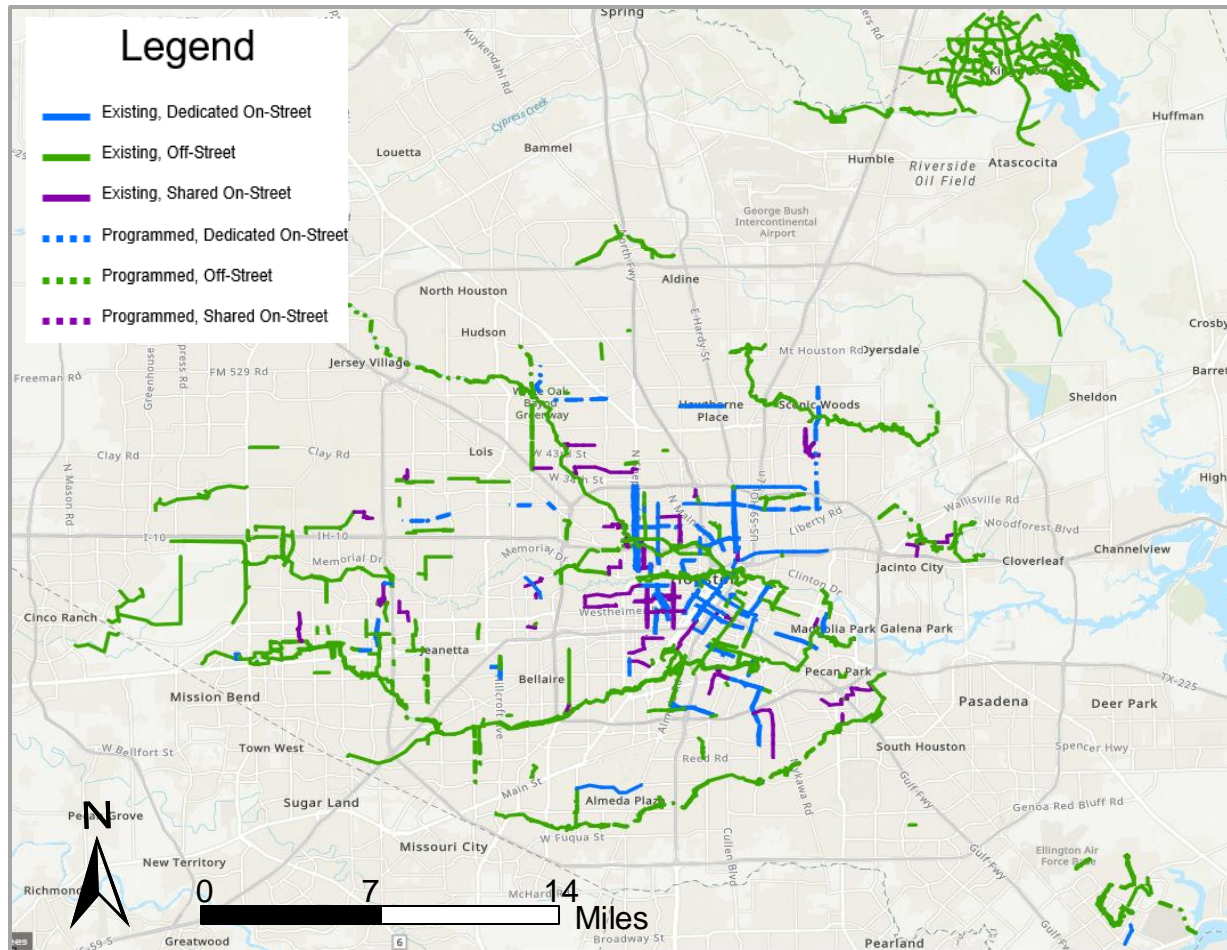


# Biking



## Houston Bike Plan

### Existing and programmed bikeways





## Bikeways in Planning & Construction

	Total Miles Built as of December 31, 2021	Miles Built in 2022	Total Miles Built as of December 31, 2022	Miles Programmed 2023
Dedicated On-Street	29	10	39	75
Shared On-Street	33	0	33	1
Off-Street	324	10	334	79
<b>Total</b>	<b>386</b>	<b>20</b>	<b>406</b>	<b>155</b>

### 2022 Bikeways Completed

- High Star Drive
- Hillcroft Avenue/Westward Drive
- Lawndale Street
- Waugh Drive/Commonwealth Street
- Westward Street
- Carpenter's Bayou Trail
- Alameda Road
- Spring Branch Trail (Wirt Road to Blalock Road)
- West Dallas (Shepherd Drive to Tirrell Street)
- Walnut Bend Lane



# Bicycle Committee and Partners

## Bicycle Advisory Committee

### Project Prioritization Update

- Hillcroft Ave. – Grant awarded to extend Hillcroft Healthy Communities Project to Wisdom High School and Bray’s Bayou submitted to US Department of Transportation as part of the Reconnecting Communities Grant program.\*
- Irvington Blvd. – \$1.56 million approved, Highway Safety Improvement Program, estimated letting date is Fiscal Year 2025. Outreach included surveys to implement the community vision for better sidewalks, bike lanes, and safer crossings.
- Washington Ave. – H-GAC grant awarded; planning to begin in 2023.



Source: City of Houston

## Bikeways Partners

Thank you to our partners, Houston Parks Board, Harris County: Precincts 1 & 2, Management Districts, Tax Increment Reinvestment Zones (TIRZs), METRO, Texas Department of Transportation (TxDOT), and Houston-Galveston Area Council (H-GAC).

\*Hillcroft Healthy Communities Project Grant awarded by USDOT to City of Houston in 2023

# Bicycle Committee and Partners

## Strategic Investments Program – Approved



Source: Shutterstock

10% of each year's Bikeway funds are to be held separate from priority projects

- Funds to be used for:
  - Spot safety improvements
  - Low-cost improvements to bring a facility up to Bike Plan standard (Low Comfort to High Comfort)
- Not required to be highest priority per the prioritization exercise
- For larger projects, funds should be used as a match for other contributions and not to fund the whole project

As strategic opportunities are identified, the project concept will be presented to the Bicycle Advisory Committee (BAC) for guidance and confirmation. If the BAC supports, that will be staff's direction to implement. Once that year's funds are spent, additional proposals will be held until the following fiscal year.



# Bicycle Committee and Partners

## Strategic Investments Approved 2022

		Opening Balance	\$110,000
Location	Design	Budget	
1. White Oak Trail at San Jacinto St.	<ul style="list-style-type: none"><li>• Restripe crosswalk</li><li>• Add six K71 bollards to the existing median refuge</li></ul>	\$9,184	
2. Main Street: Lamar St to Gray St.	<ul style="list-style-type: none"><li>• Add shared lane markings</li><li>• Add traffic signs</li></ul>	\$38,232	
		Remaining Balance	\$62,584



2



Source: City of Houston

# Bicycle Committee and Partners

## Bicycle Advisory Committee (BAC)

### Maintenance Update

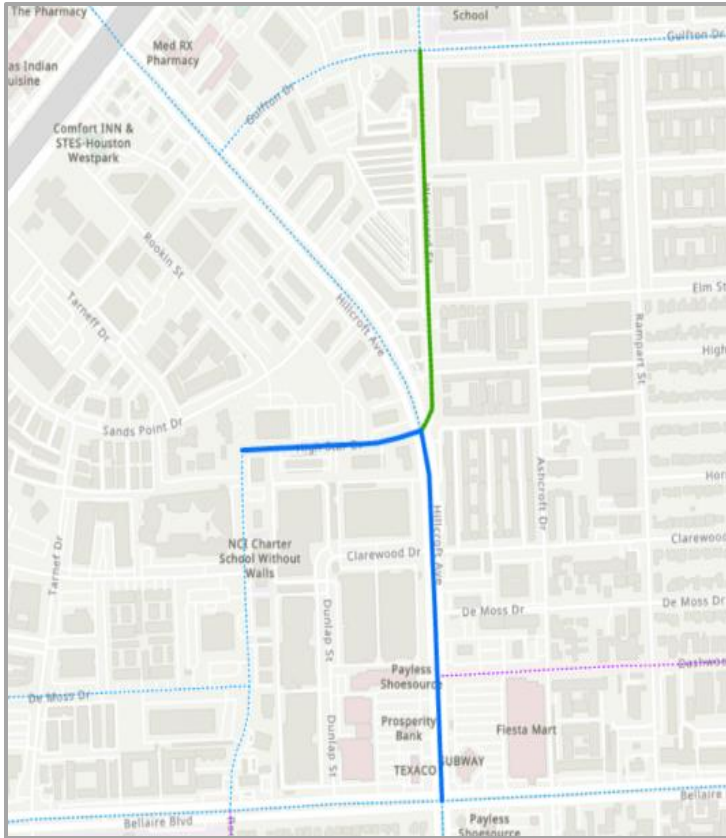
- BAC's plan for bikeway maintenance was approved by City Council with the purchase of a mini street sweeper
- Houston Public Works held a city-wide contest to name the mini sweeper, now known as: Space City Sweeper
- Space City Sweeper will be used to clean bike lanes and other areas where the City's wider sweepers can't reach



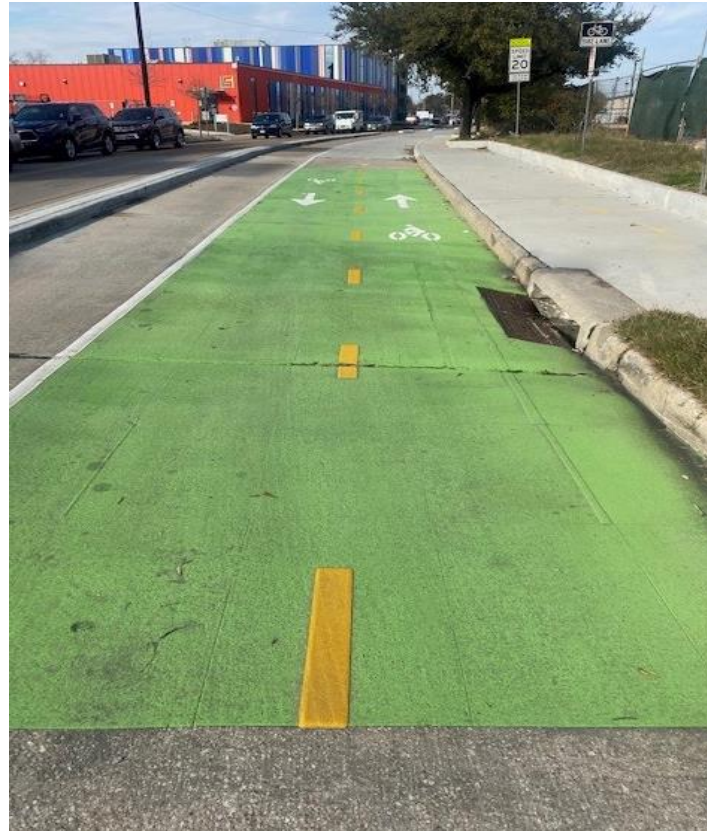
Source: City of Houston



# Hillcroft Avenue/Westward Bikeway



Hillcroft Ave. Bikeway Map



Hillcroft Ave. at Westward St.

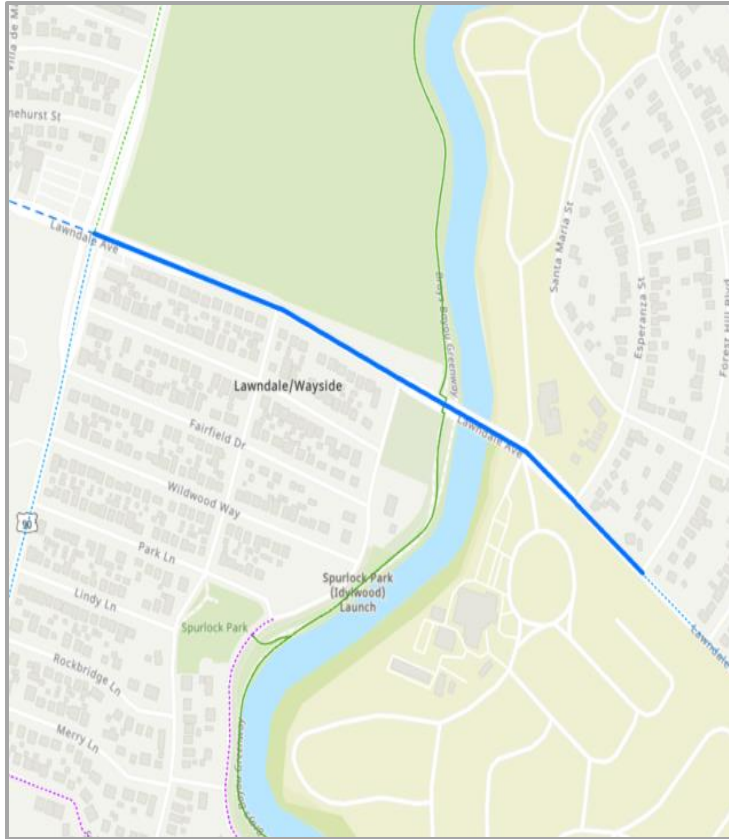


Westward St.

Source: City of Houston



# Lawndale Street Bikeway



Lawndale St. Bikeway Map



Lawndale St.

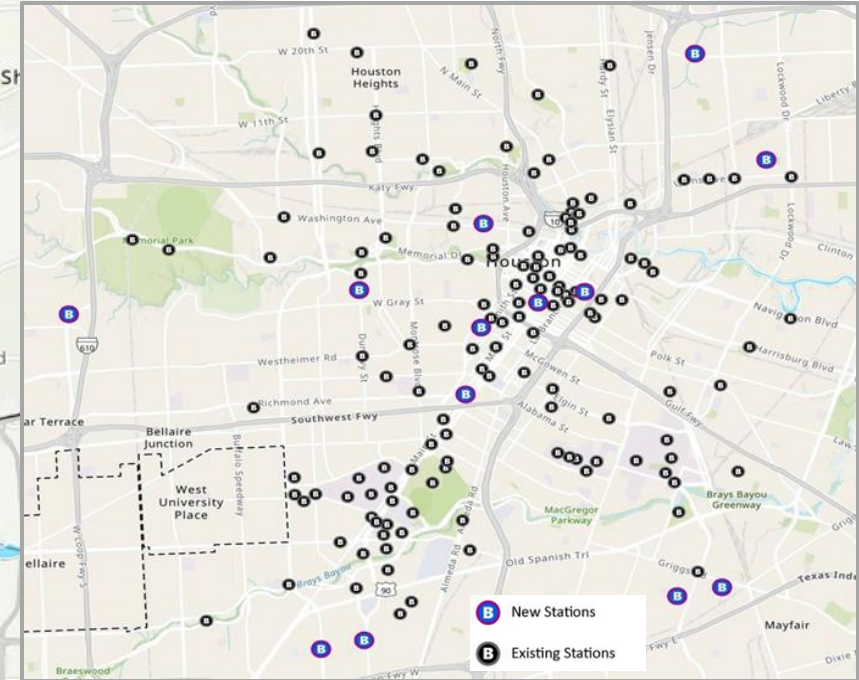
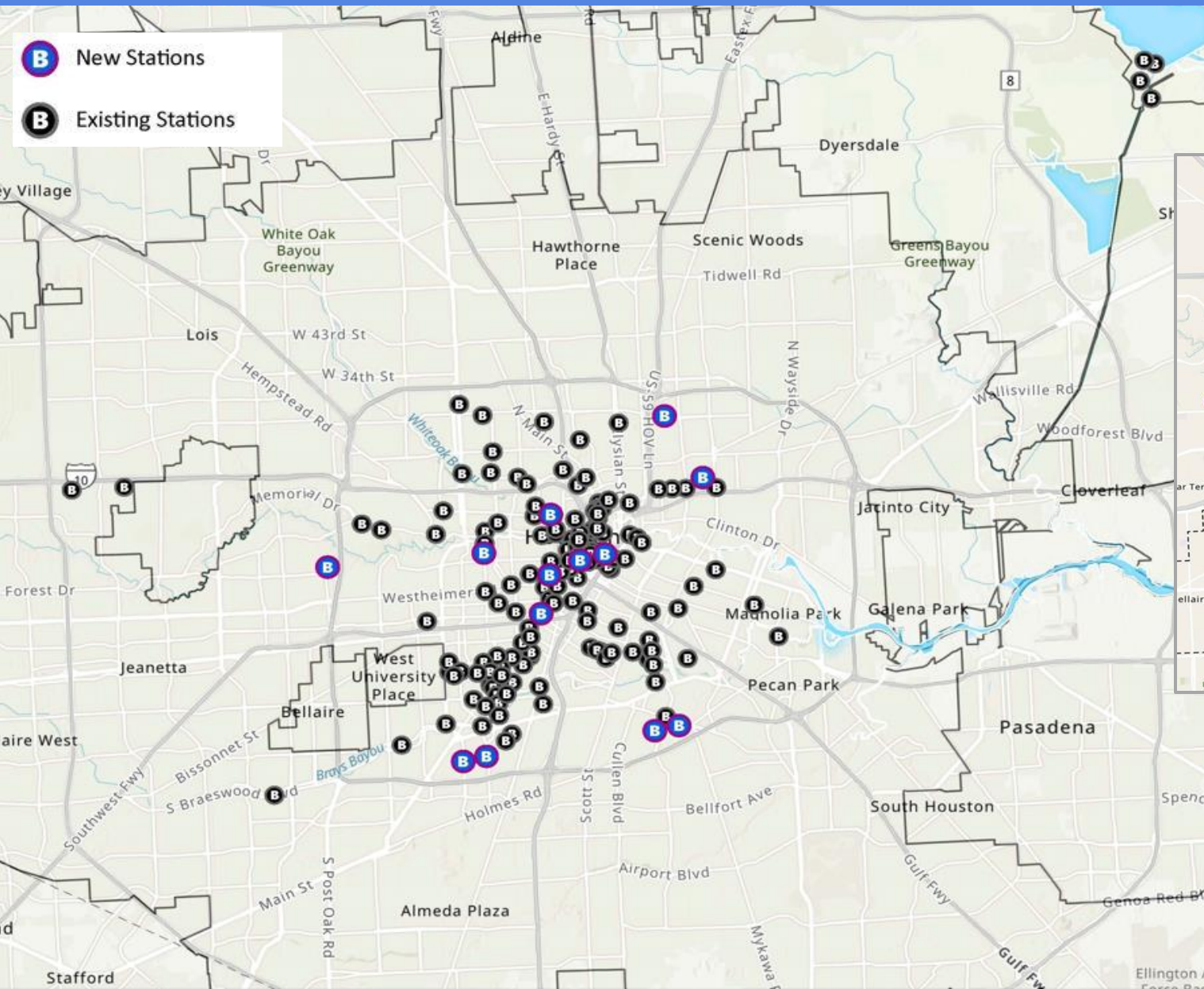


Lawndale St.

Source: City of Houston



# BCycle - Bike Share System



Houston BCycle, Houston's Bike Share system, added 13 new stations, 46 bikes, deployed 25 e-bikes, and served over 200,000 trips.



METRO's METRONext Plan supports Houston's goal of moving the most people in the least amount of space:

- Phase 1, 2, and 3 of the Downtown Red Lanes are complete
- BOOST Corridors on 54-Scott and 56-Airline/Montrose are under construction
- University Corridor Community Public Engagement is in progress
- Coordination with TxDOT to implement multimodal projects within the I-10 Inner Katy corridor is ongoing



Travis St. and Milam St.

Source: METRO



# Transit



54-Scott BOOST Corridor



56-Airline/Montrose BOOST Corridor



I-10 Inner Katy Corridor

Source: METRO



# Bayou Greenways



The Houston Parks Board and City of Houston celebrated the completion of the Missouri Kansas Texas (MKT) Trail Spur Connector with a ribbon cutting event in December. The Connector closes the gap between the MKT and White Oak Bayou Greenway trails.

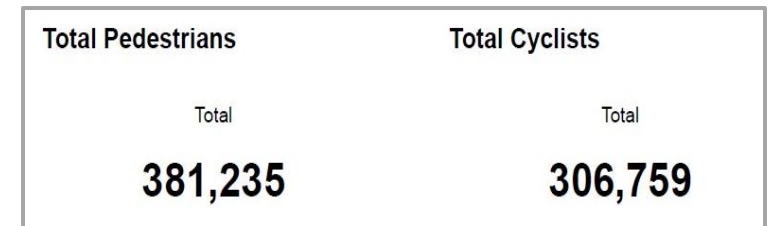
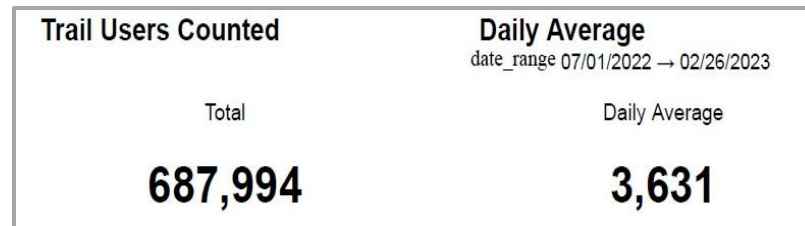
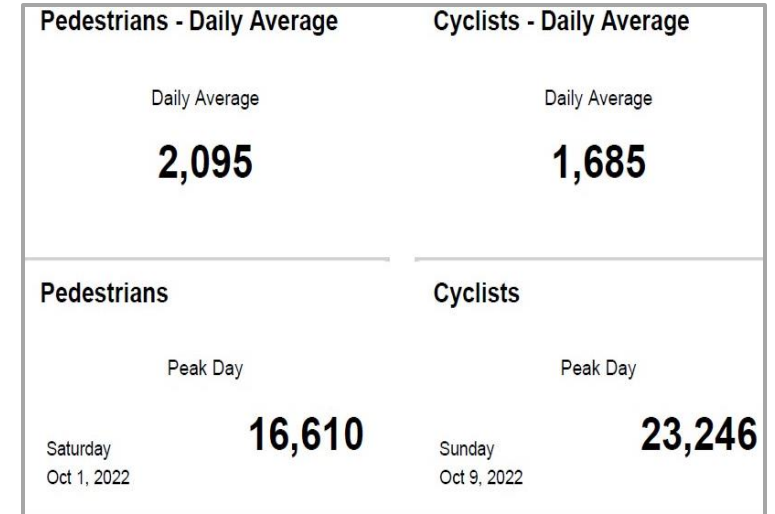
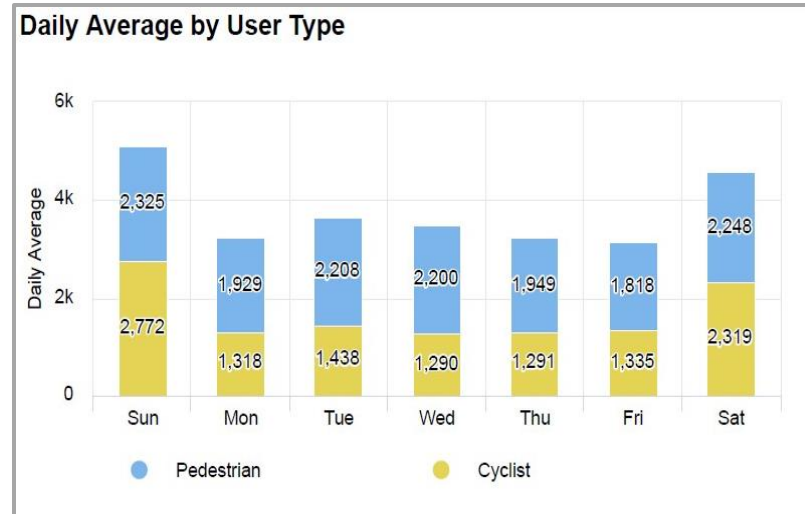
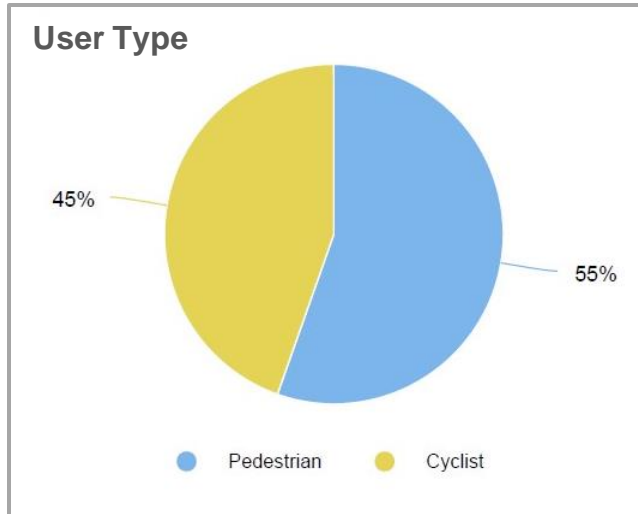
“The MKT is the final missing piece to link users to 17 miles of hike-and-bike trails along the Greenway. Representing a safer more equitable transportation network for all users.”

— Carol Haddock, Director, Houston Public Works





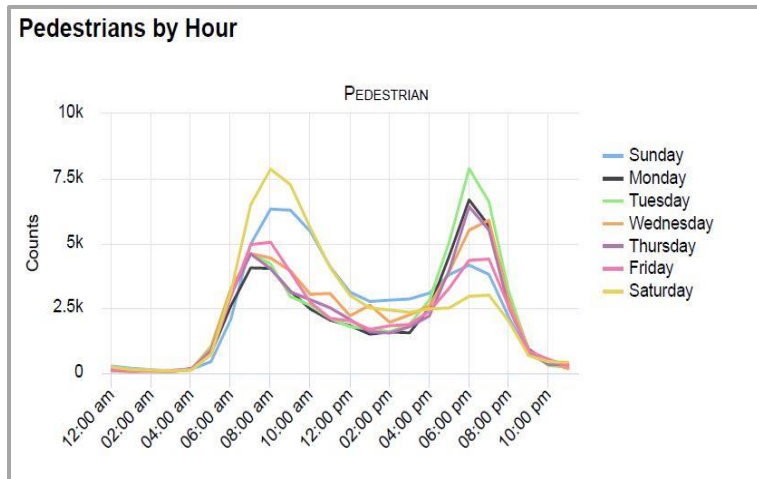
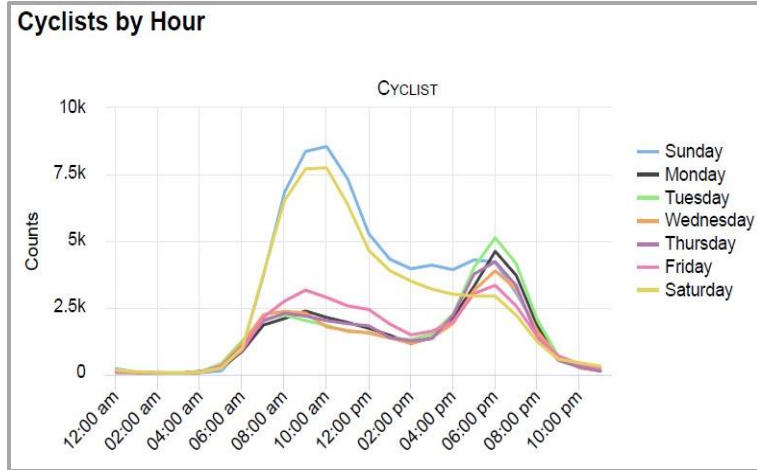
## Daily Use of Bayou Greenways



Source: Houston Parks Board

\*Numbers are based on one-month intervals

# Bayou Greenways



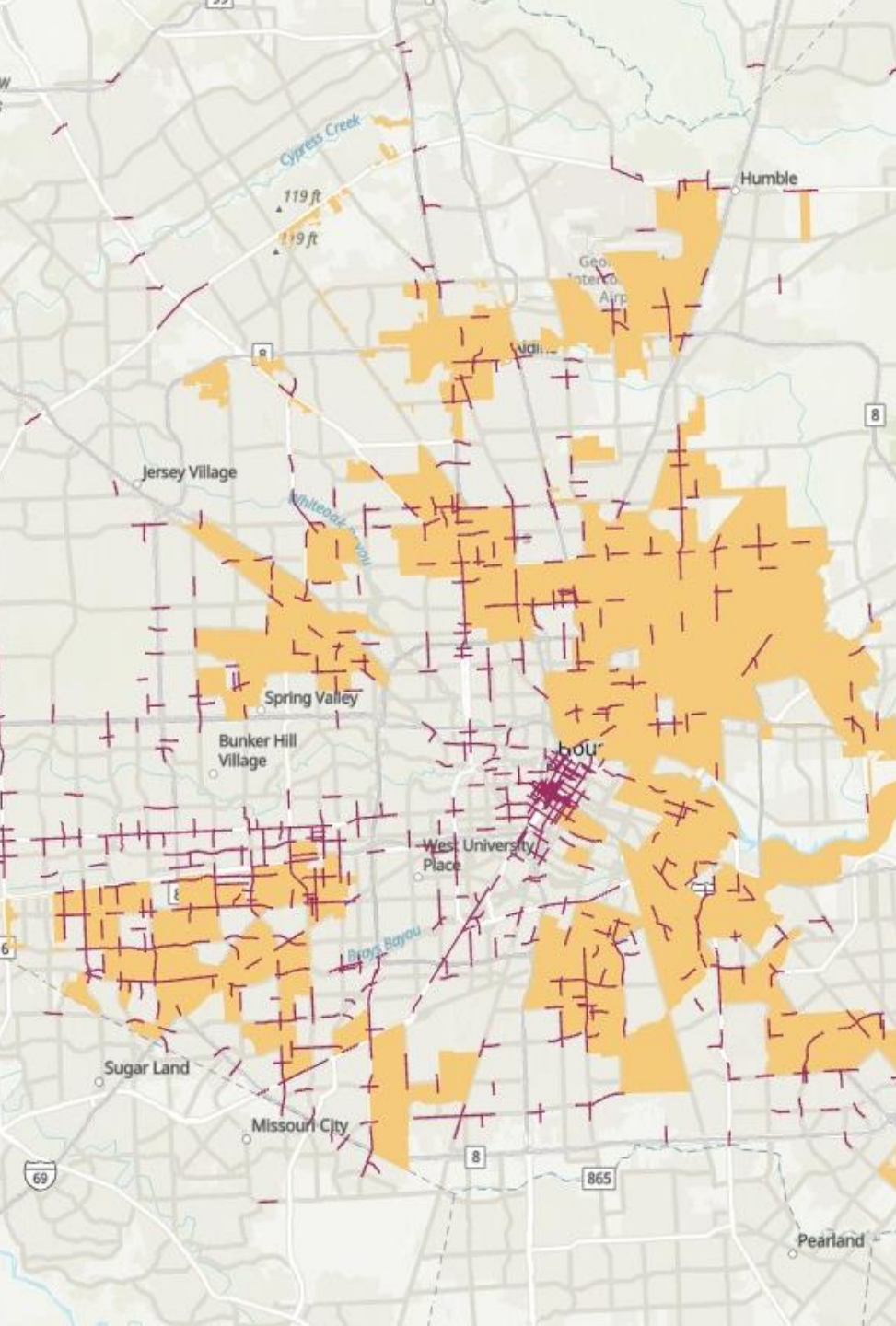
Source: Houston Parks Board



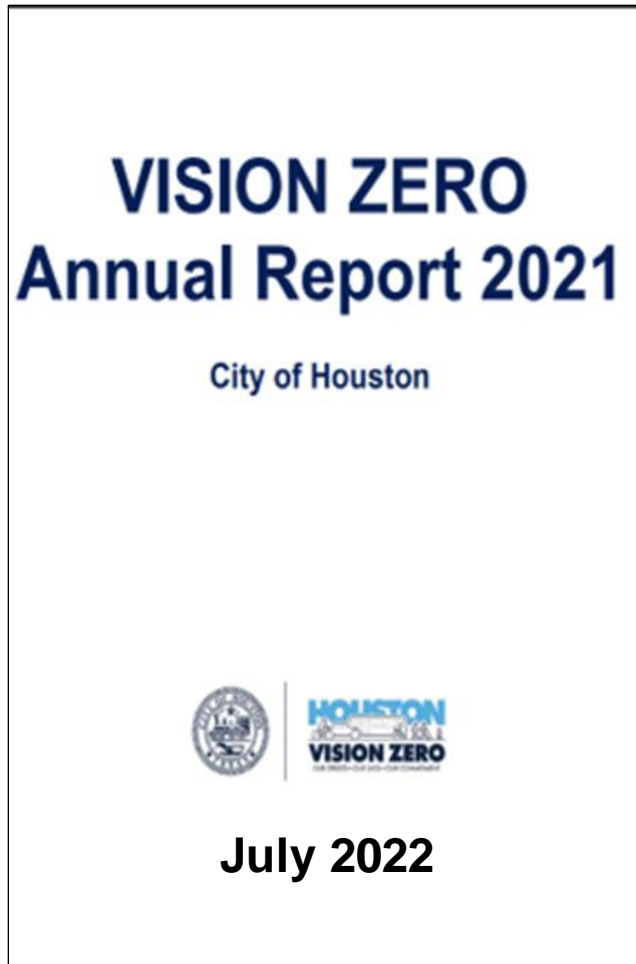
# Vision Zero



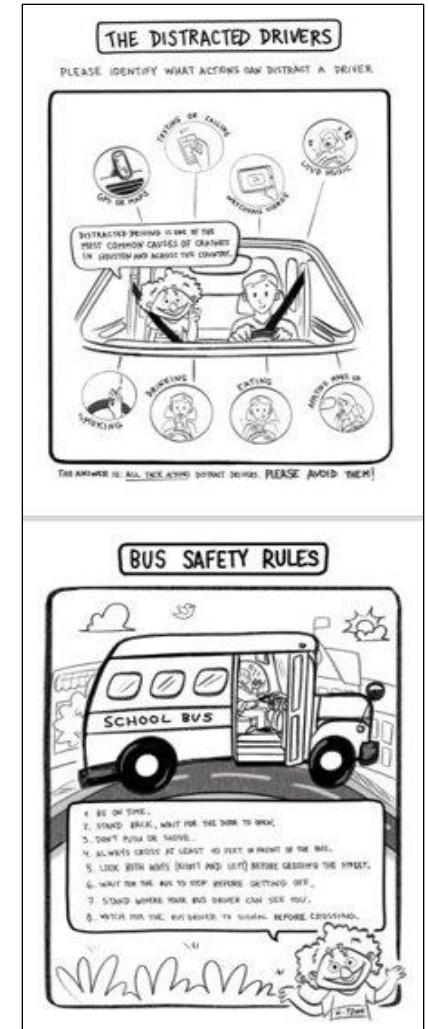
- Created the Fatalities Review Board (FRB) to investigate and learn from fatal crashes at HIN locations using a multi-department and multi-agency approach
- FRB reviewed fatal crashes on 3 HIN corridors
- Reviewed the Vision Zero HIN update process
- Houston awarded \$13.8m in TxDOT HSIP Grant for safety improvements



# Vision Zero



- Completed first Vision Zero Houston Annual Report
- Proposed updates to Infrastructure Design Manual (IDM) Chapter 15; Traffic and Design Requirements, and Chapter 17; Bicycle Transit and Pedestrian Design Requirements
- Created and launched the Vision Zero coloring and activity book for children in grades Pre-K to 12
- Provided more than 200 TxDOT-donated bicycle helmets for children and adults
- Attended over 25 community events, including two Mayor's events: Mayor's Back to School Fest, and Tour de Houston
- Reached over 2,000 people during events, public speaking engagements, and in-person interaction





# Vision Zero



National Night Out

Source: City of Houston



Bike Rodeo at AAA



Starry Night at Chinese Community Center



# Vision Zero



Bike Workshop at Quitman Street



Mayor's Back to School Event

Source: City of Houston



# North Houston Highway Improvement Project (I-45)

“There is a path forward for this project. It entails making commitments related to housing, connectivity, flooding, parks and green space, and multimodal forms of transportation.”

– Mayor Sylvester Turner



Source: City of Houston

On December 19, 2022, Mayor Sylvester Turner signed a Memorandum of Understanding with the Texas Department of Transportation regarding the North Houston Highway Improvement Project.

# More Space: Main Street

## More Space: Main Street

5 More Space: Main Street participants at the end of 2022: Little Dipper, Shay McElroy's, Flying Saucer, Cherry, and Finn Hall

All 5 participants saw an increase in:

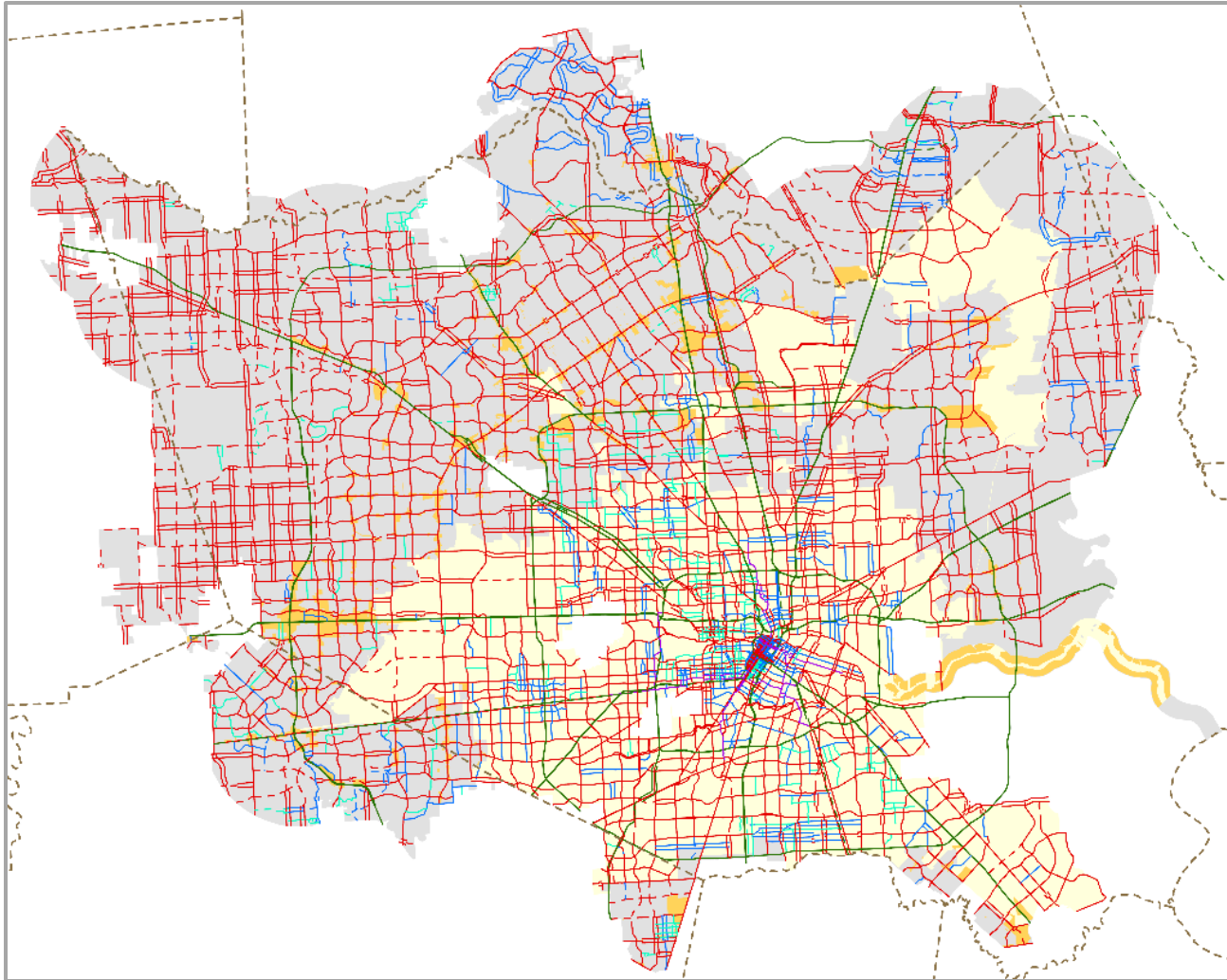
- Revenue
- Customer and employee retention
- Safety due the partial closing of Main Street

More Space: Main Street

- Extended through March 31, 2023, by City Council
- City working with Central Houston, Inc., on a long-term design







## 2022 Major Thoroughfare & Freeway Plan (MTFP)

- 11 applications
- 1 withdrawn
- 10 applications approved

## Street Upgrades

- Potholes filled: 68,282
- Maintenance: 248 miles of overlaid streets
- Signal retiming: 806



## Telephone Road: Main Street Revitalization

The City of Houston was awarded the Rebuilding America Infrastructure with Sustainability and Equity (RAISE) grant. This project will transform Telephone Road and produce significant safety, quality of life, connectivity, economic, and environmental benefits for residents and users of the corridor.

### RAISE Details:

- \$21 million
- Funding awarded from the Infrastructure Investment and Jobs Act
- Nearly 3 miles (rehabilitation project)



### Project Enhancements will include:

- Upgraded sidewalks
- Protected bike lanes
- Bus stops
- Street crossings, and
- Safety treatments



# Street-Focused Community Engagement

For transportation projects to make meaningful and positive impacts, Houston's residents must be part of the process.

City staff work with community organizations and individuals to shape projects that reflect the local neighborhood, while achieving our city-wide vision of creating a safe, reliable, and equitable transportation system for all.



Hillcroft Avenue and High Star Drive Intersection Painting

Source: Alex Barber / UpArt Studio



# Street-Focused Community Engagement



Source: Alex Barber / UpArt Studio

Hillcroft Avenue and High Star Drive Intersection Painting



# Street-Focused Community Engagement



Pop-up Bike Lane on Griggs Road



Source: City of Houston



# Street-Focused Community Engagement



Franklin Elementary School Crosswalk Art



Source: City of Houston



Community Involvement



# Bike to Work Day



Source: City of Houston

“Biking is a big part of the future of Houston, everyone should have safe routes no matter how they are traveling.”

— David Fields,  
Chief Transportation Planner



# Bike to Work Day



Source: City of Houston





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