



TEXAS DEPARTMENT OF TRANSPORTATION

WELCOME!

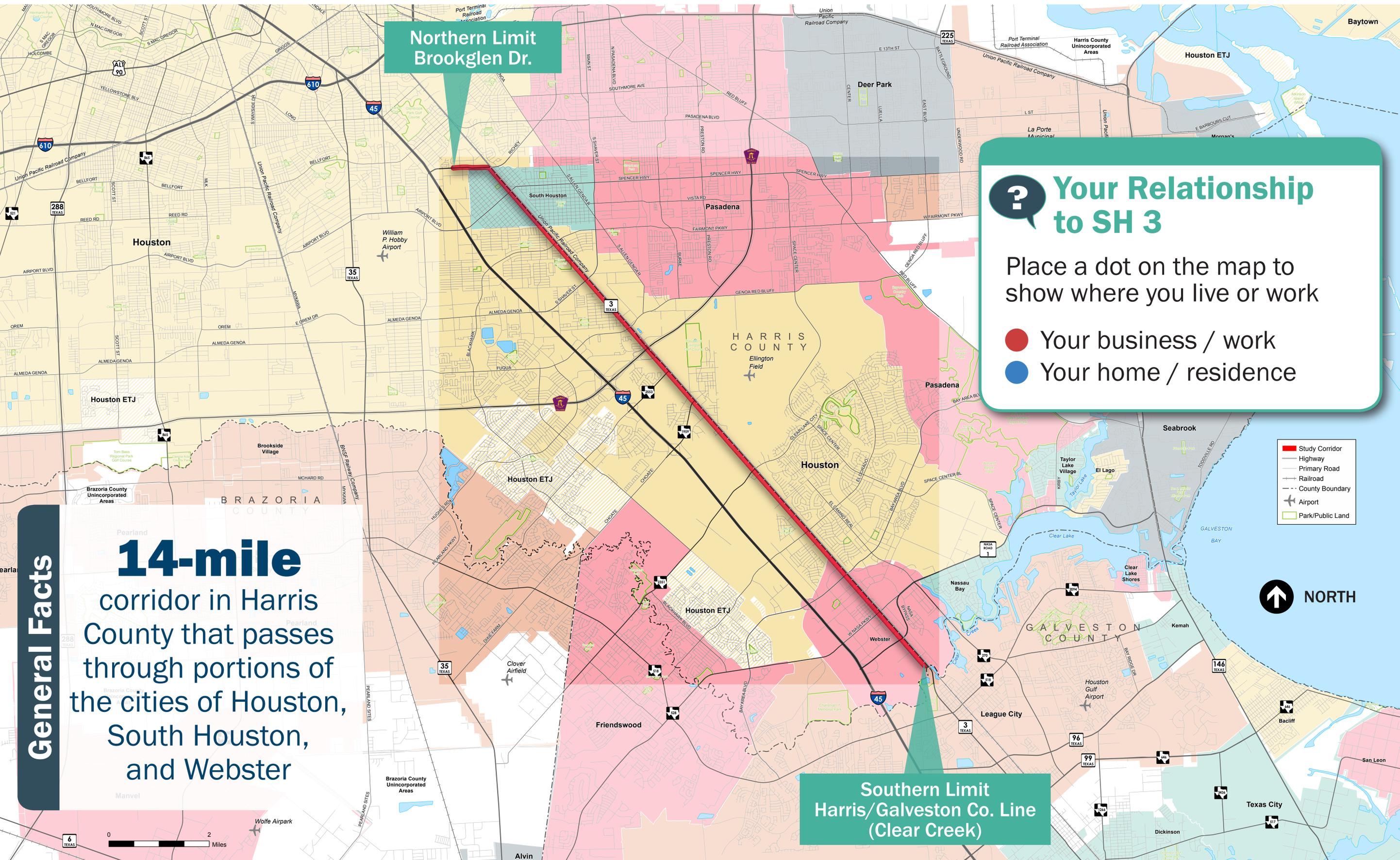
STATE HIGHWAY 3 (SH 3) ACCESS MANAGEMENT STUDY

FROM BROOKGLEN DRIVE TO THE HARRIS/GALVESTON COUNTY LINE

Why Am I Here?

- **Share** your knowledge of the corridor with us
- **Learn** about conditions and characteristics
- **Ask** questions about improvement efforts

City of Webster Civic Center, 311 Pennsylvania Avenue



Northern Limit
Brookglenn Dr.

Southern Limit
Harris/Galveston Co. Line
(Clear Creek)

? Your Relationship to SH 3

Place a dot on the map to show where you live or work

- Your business / work
- Your home / residence

General Facts

14-mile corridor in Harris County that passes through portions of the cities of Houston, South Houston, and Webster

- Study Corridor
- Highway
- Primary Road
- Railroad
- County Boundary
- Airport
- Park/Public Land



STUDY PURPOSE AND GOALS



What Are We Trying to Do?

- Improve corridor safety
- Reduce traffic congestion
- Improve multi-modal access; auto, transit, bicycles, and pedestrians
- Improve economic activity

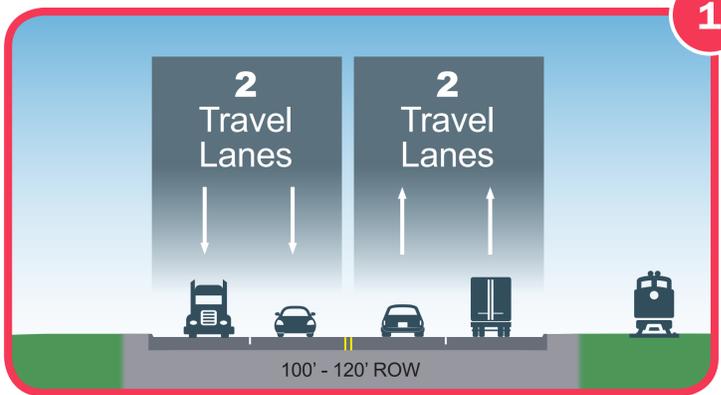


What Problems are We Trying to Address?

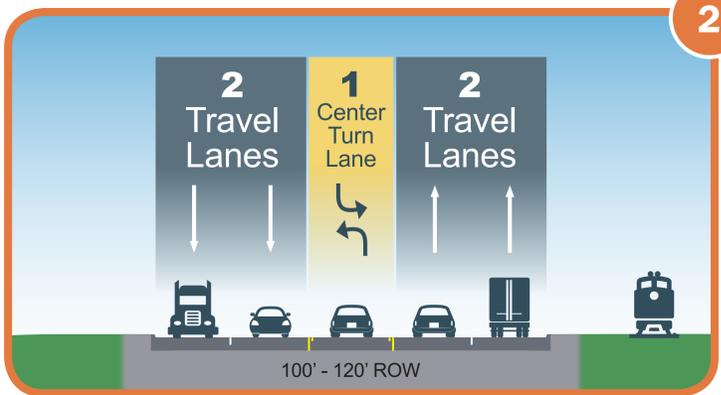
- Traffic congestion at intersections
- Higher than average crash rates
- Missing connections between travel modes

Existing Typical Sections

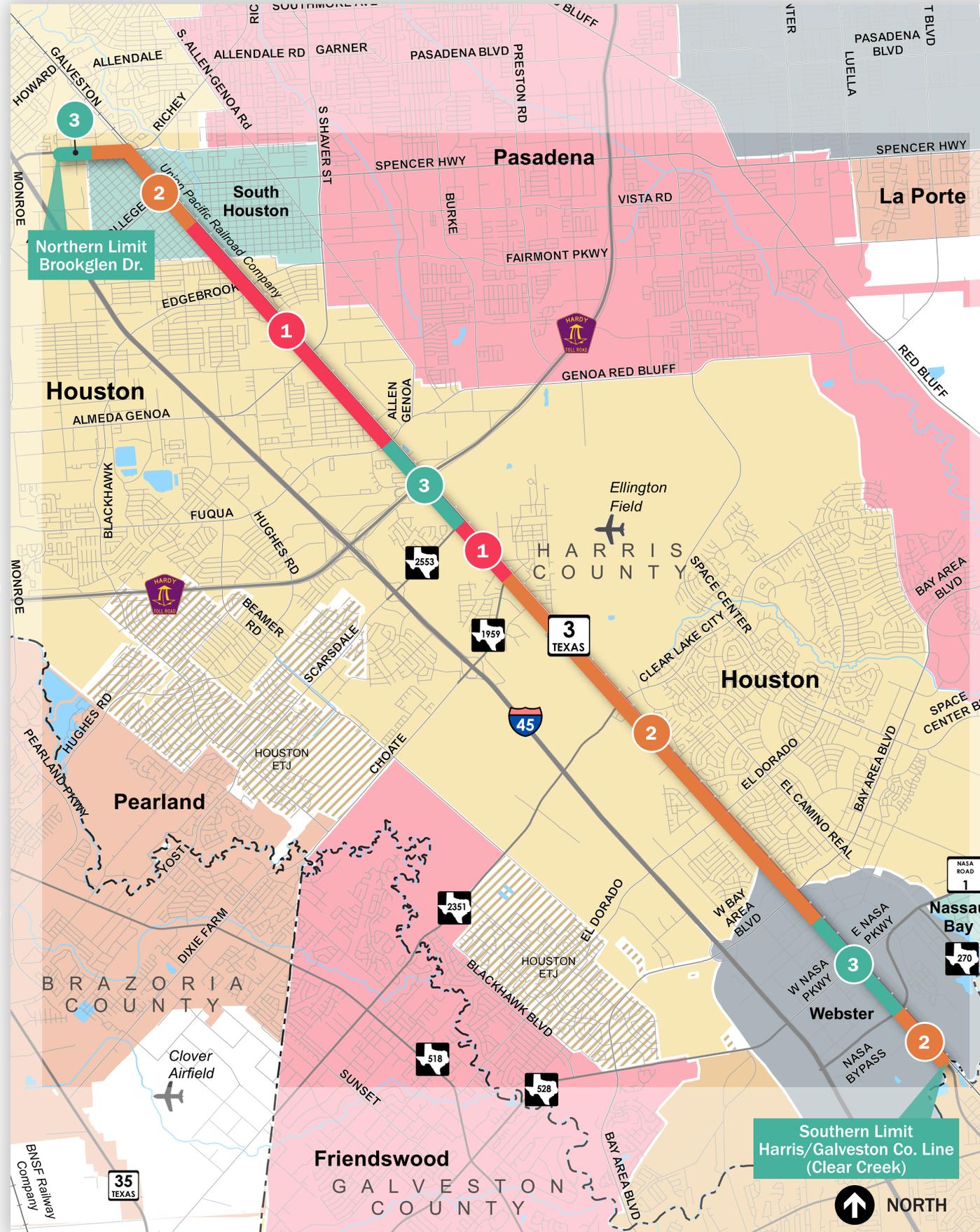
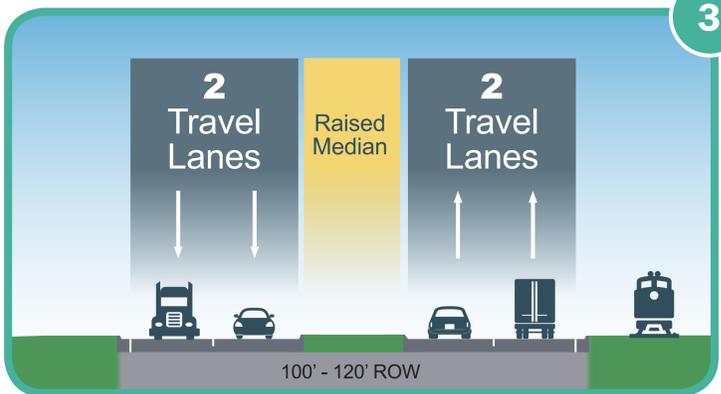
4-Lane with No Median



4-Lane with Center Turn Lane



4-Lane with Raised Median



Parallels I-45
and connects Houston and Galveston

Railroad Parallel
to the highway on the east side

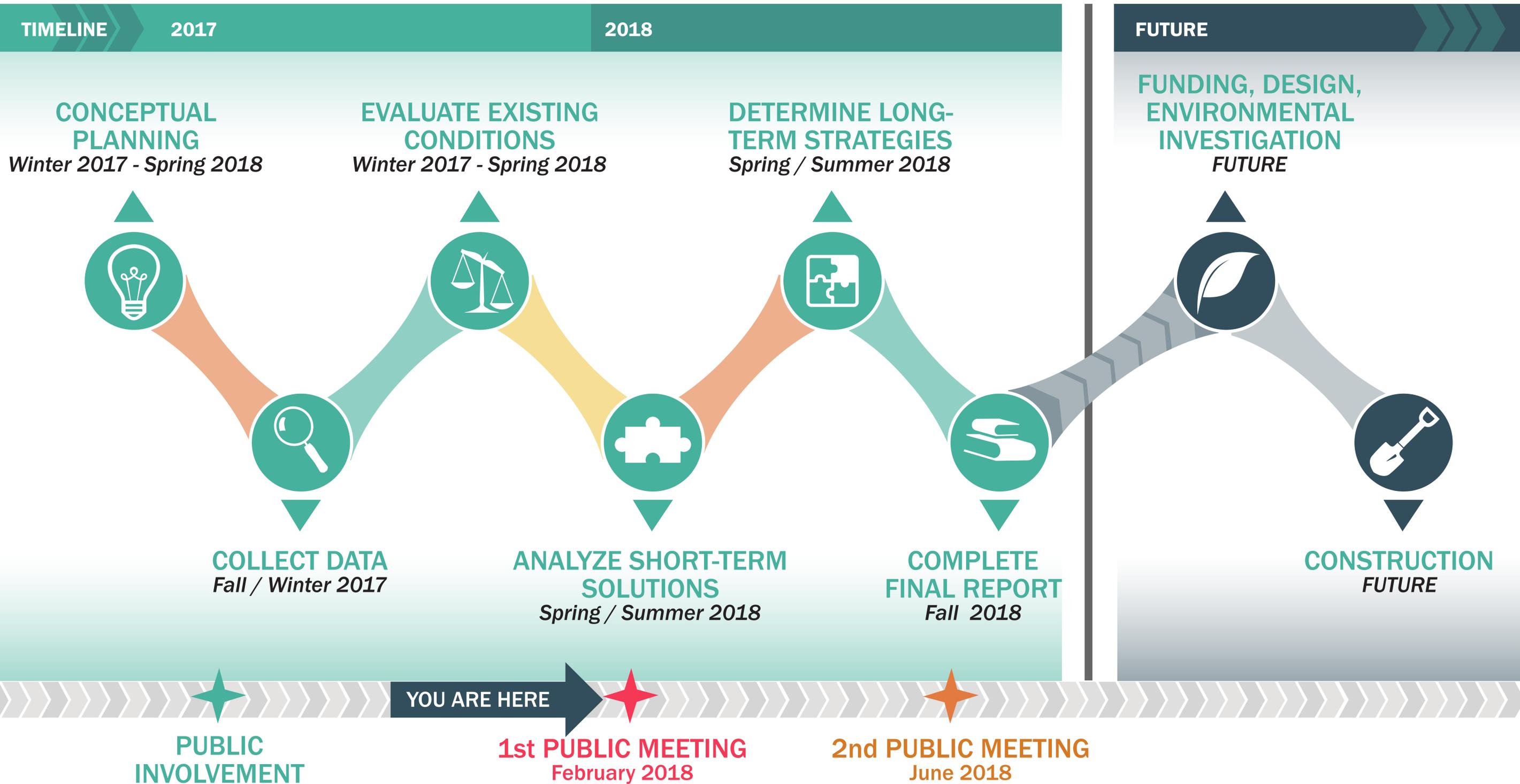
24
signalized intersections

Important Considerations

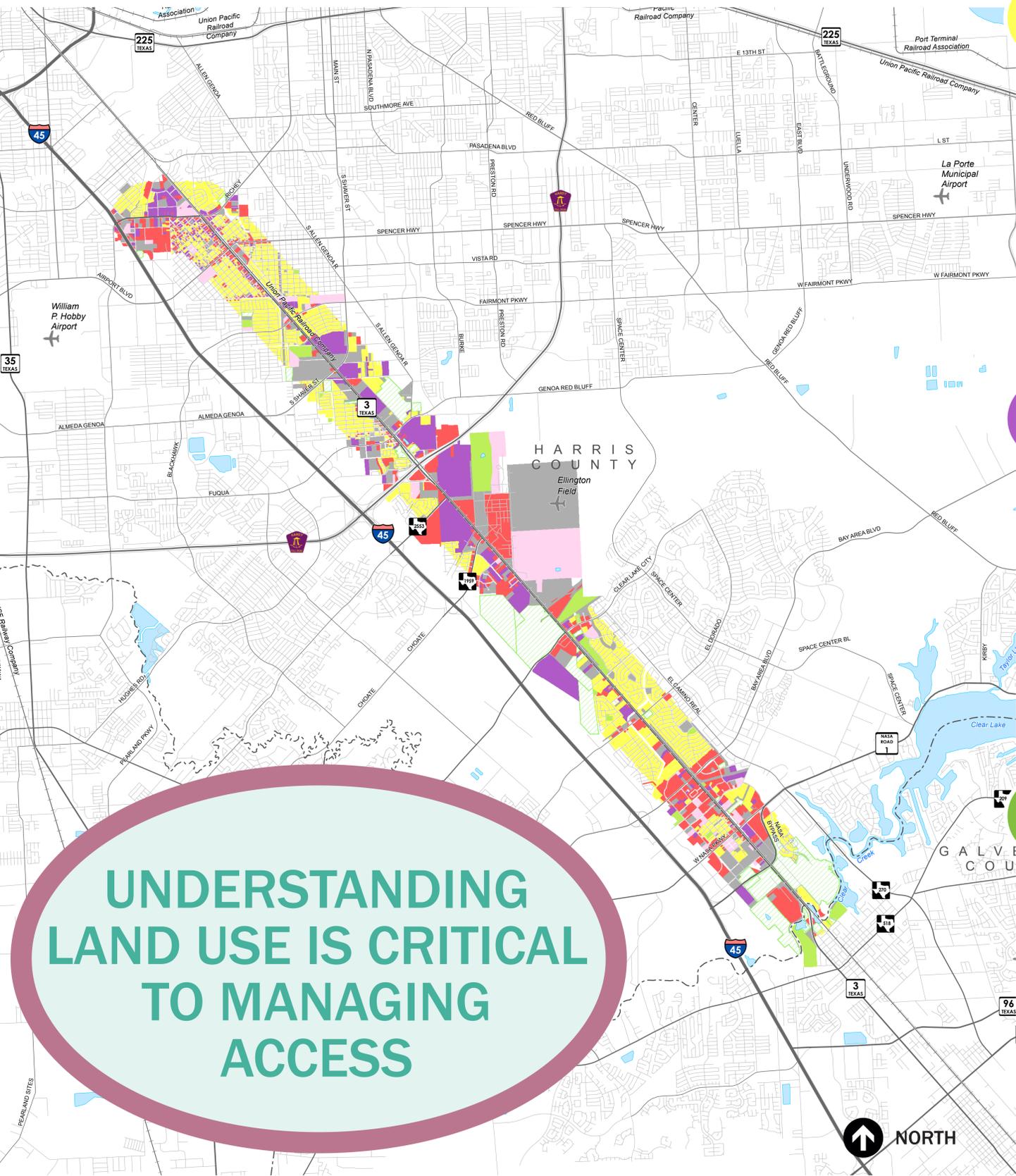
OVERALL STUDY PROCESS

- **Conceptual Planning** is the first step in developing, designing, funding, and constructing future transportation projects.
- The process includes numerous opportunities to get involved.

CONCEPTUAL PLANNING



Existing Conditions - Land Use



UNDERSTANDING LAND USE IS CRITICAL TO MANAGING ACCESS

37%



SINGLE FAMILY AND MULTIFAMILY RESIDENTIAL

17%



COMMERCIAL AND OFFICE

14%



INDUSTRIAL

9%



CIVIC AND INSTITUTIONAL

23%



OPEN SPACE/VACANT/OTHER

Existing Conditions - Driveway Density



- High driveway density can cause traffic flow and safety issues
- Some segments of SH 3 have more than 30 driveways per mile
- Limited driveways across railroad

Legend

- <10 Driveways per mile
- 10-20 Driveways per mile
- 20-30 Driveways per mile
- >30 Driveways per mile

Existing Conditions - Traffic



65% (or 15 of 24) of the signalized intersections in the corridor experience heavy or moderate congestion.

Intersections with heavy congestion:

- 1 Richey St./Winkler Dr.
- 4 Edgebrook Dr.
- 5 Shaver St.
- 7 BW 8/Conklin Ln.
- 9 Clear Lake City Blvd./ FM 2351
- 10 Pineloch Dr.
- 11 El Dorado Blvd.
- 14 NASA Pkwy./FM 528

Intersections with moderate congestion:

- 2 Spencer Hwy./ College Hwy.
- 3 Nevada Rd.
- 6 Fuqua St./ Genoa Red Bluff Rd.
- 8 Scarsdale Blvd.
- 12 Bay Area Rd.
- 13 Medical Center Blvd.
- 15 NASA Bypass

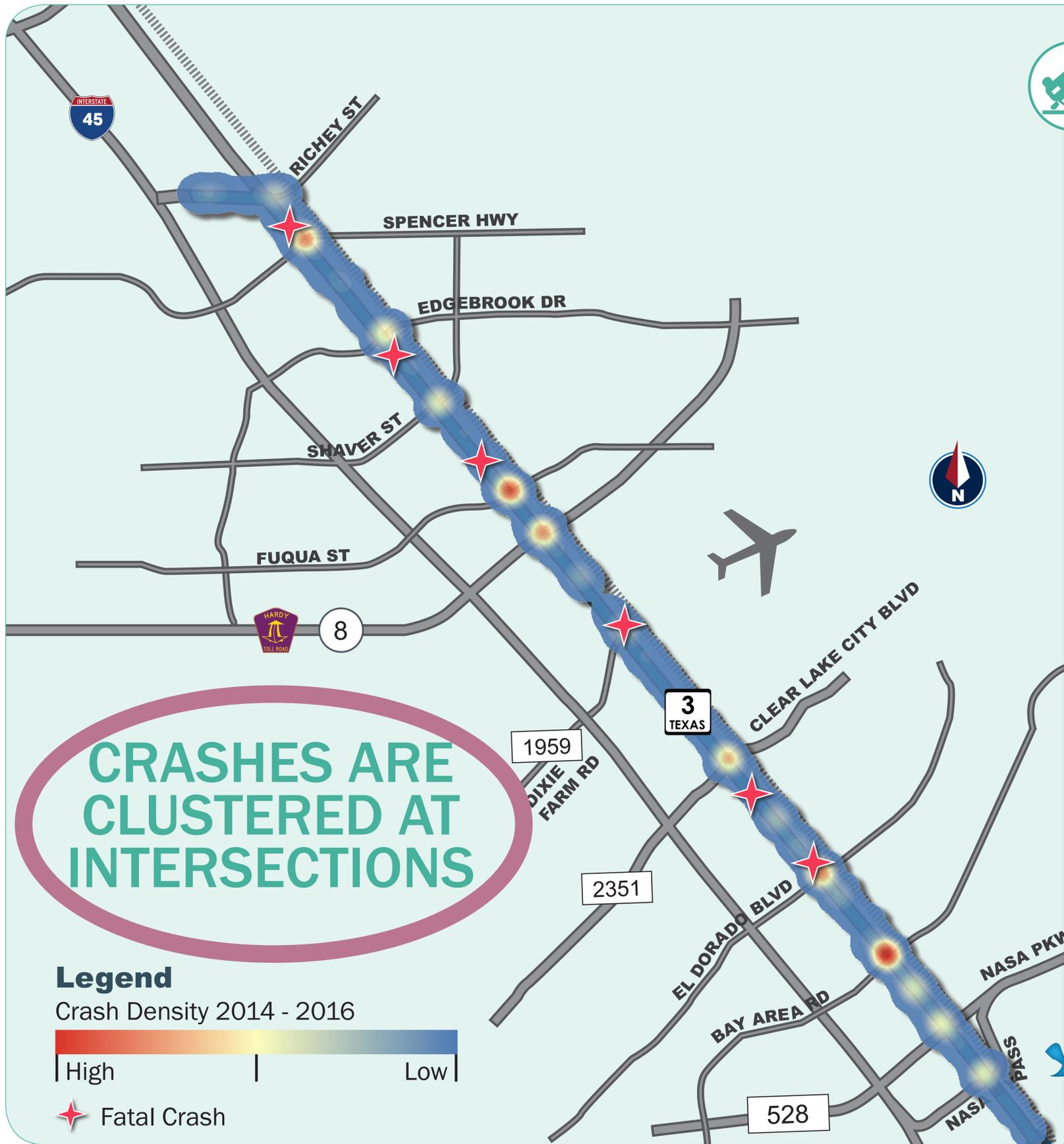
Legend

- Heavily congested intersection
- Moderate congestion at intersection
- Low congestion at intersection
- # Intersection number

16,000 to 24,500 Vehicles Per Day

13% Trucks

Existing Conditions - Safety



On SH 3 from 2014 - 2016 there have been...

1,127
Total Crashes



Or, on average
one crash per day

134
Injury Crashes



Or, on average
four crashes per month
involve injuries



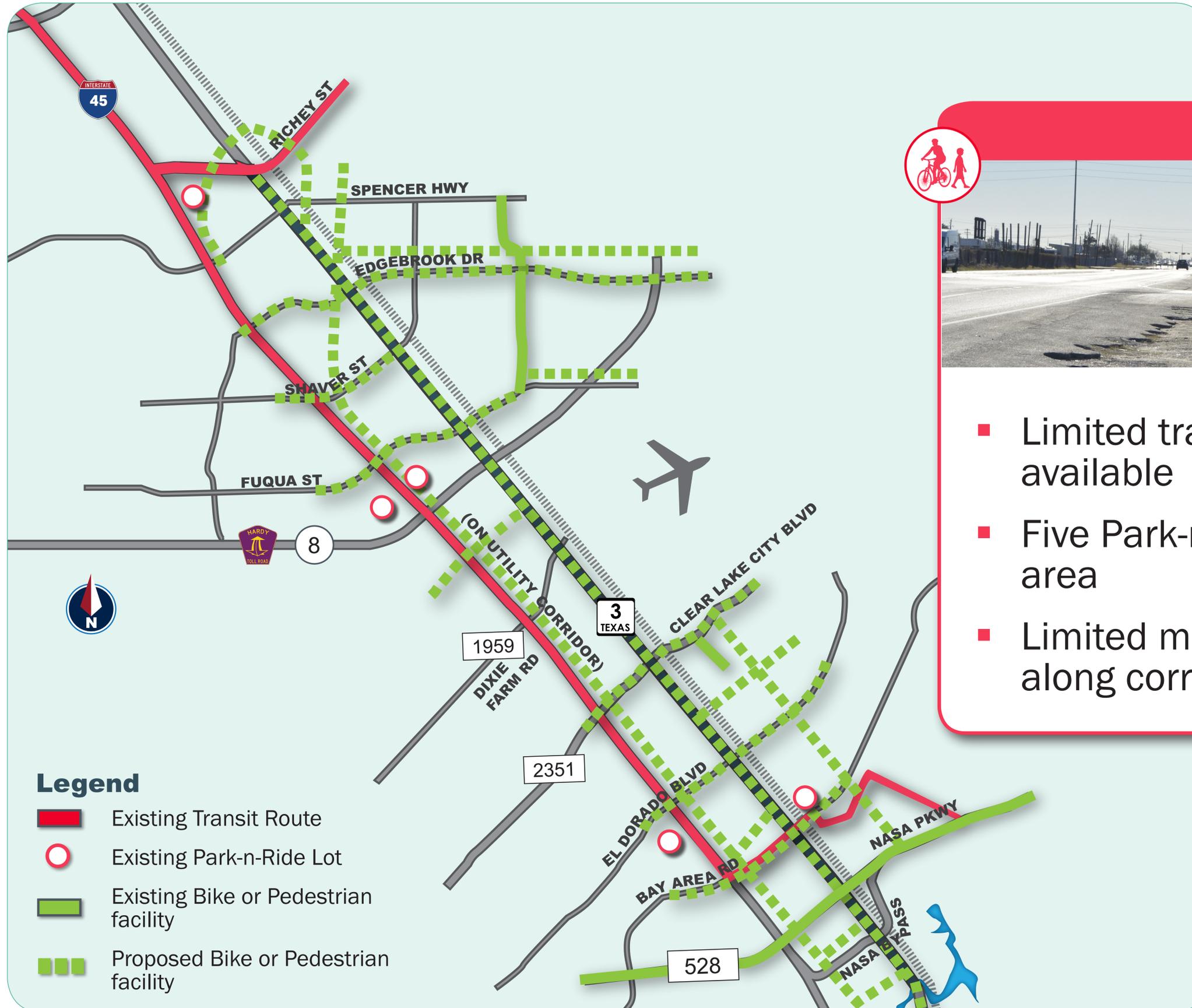
9
Crashes
Involve a
Bicycle or
Pedestrian



6
Fatal
Crashes
4 + 2
Involve Autos Involve Peds

The above statistics represent the total number of crashes on SH 3

We can do
Better!



- Limited transit service available
- Five Park-n-Ride facilities in area
- Limited multi-modal facilities along corridor

This figure was produced using multi-modal plans from TxDOT, COH, and HGAC. Please visit those sources for detailed information.

Access Management is the systematic control of the number, spacing, and operations of intersections and driveways to preserve safety and efficiency on a roadway.



Reduce the number and severity of crashes



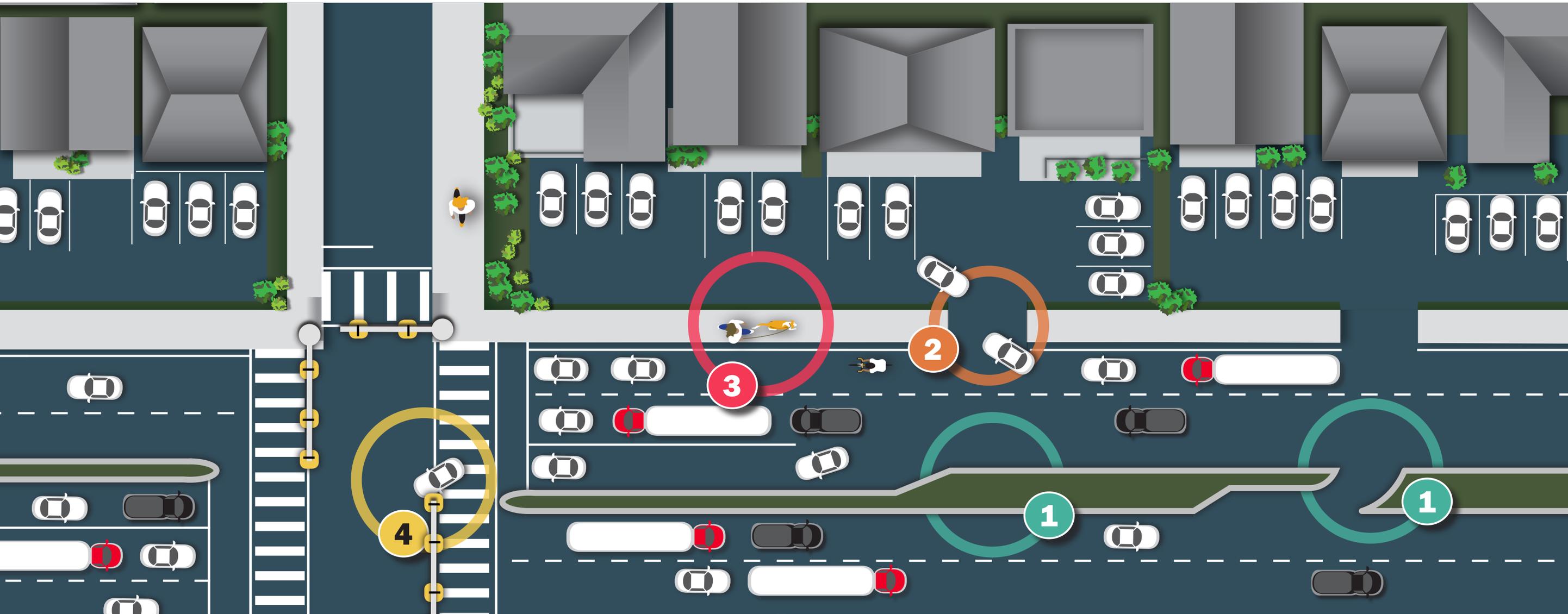
Increase economic activity



Reduce congestion and travel delays



Improve walking, bicycling, and access to transit



1 Median Design

- Median Type
- Median Treatment
- Median Openings

2 Driveway Design

- Driveway Width
- Driveway Spacing
- Driveway Consolidation
- Driveway Throat

3 Multi-modal Improvements

- Sidewalks
- Transit/Bus Stops
- Bike Lanes

4 Intersection Improvements

- Turn Lanes
- Lighting
- Signal Improvements
- Striping



Your Input will Help Develop Solutions

- We will evaluate short, medium, and long term solutions
- Continue with stakeholder involvement to discuss options
- Improvement options will be presented at the 2nd Public Meeting in mid-2018



Please send any questions or comments to:

Address:

Public Information Office
 P.O. Box 1386
 Houston, Texas 77251-1386
 Phone: (713) 802-5076

Email:

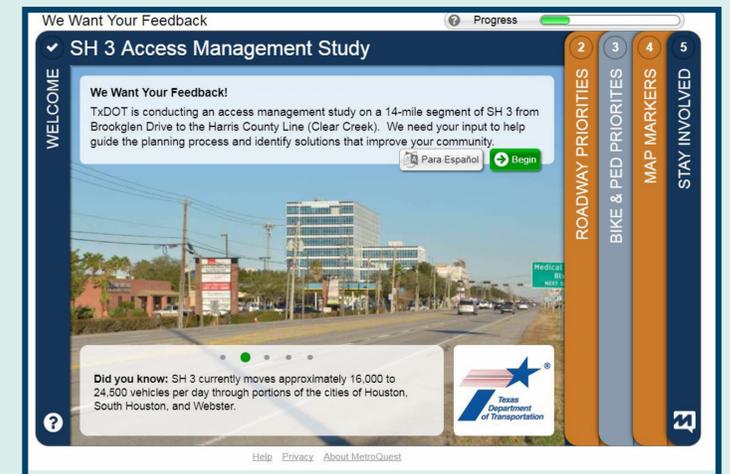
SH3AccessManagement@txdot.gov

Website:

Go to: bit.ly/sh3accessmanagement

We Need Your Help!

Take the online survey here and then share with others



Online survey is available on the SH 3 project web page



You can also scan this Quick Response (QR) code with your phone/tablet to access



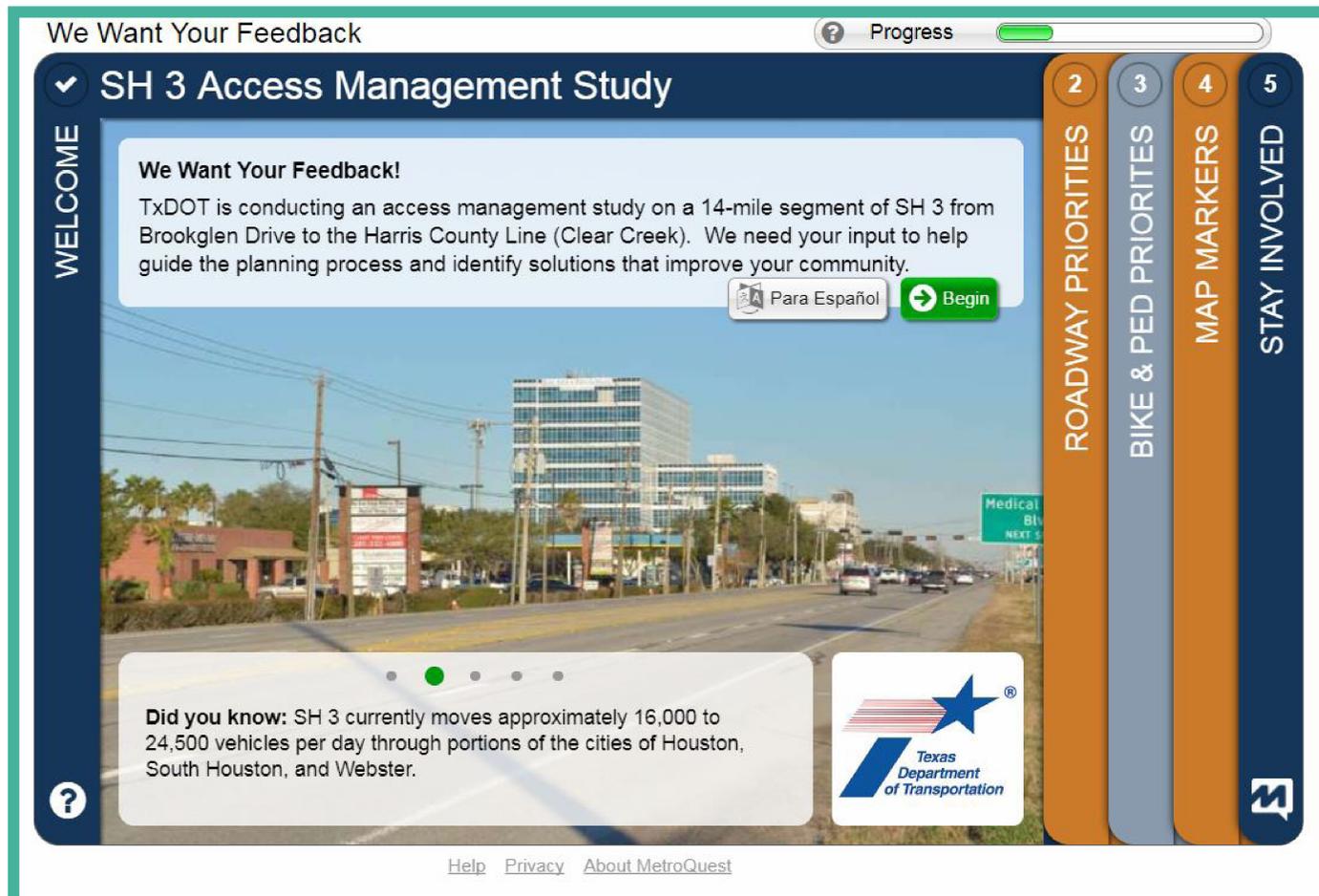
Access Management Informational Video:

Listen to an informational video that explains the key concepts of access management.

Go to: bit.ly/sh3accessmanagement

You can also scan this Quick Response (QR) code with your phone/tablet to access





- Fill out the online survey here;
- Or, use your phone to fill out the survey at:
bit.ly/sh3accessmanagement;
- Or, access the survey immediately by scanning this Quick Response (QR) code with your phone or tablet reader.



Once completed:

Please help us gain more feedback and share the link via email or social media!

Necesitamos sus comentarios, participe en la encuesta interactiva que está disponible en inglés y español.