



# WELCOME

## Virtual Public Meeting

Gulf Freeway Planning and Environmental Linkages (PEL) Study:  
I-45 South from I-69 / US 59 (Downtown) to Beltway 8 South

July 16, 2020

Welcome to the Texas Department of Transportation Houston District’s virtual public meeting for the Gulf Freeway Planning and Environmental Linkages study, also known as a PEL study. TxDOT is conducting the PEL Study along Interstate 45 South from I-69 / US 59 in Downtown Houston to Beltway 8 South.

This is the first virtual public meeting being conducted for the Gulf Freeway PEL Study. This is a prerecorded presentation that was developed to present the study findings.

## Virtual Public Meeting in Response to Public Health

TxDOT changed the traditional in-person public meeting to an online format only in response to the COVID-19 outbreak.

This virtual public meeting and the information on the TxDOT website provide the same content as an in-person meeting:

- Study information
- Estimated study timeframe
- Process for submitting comments
- Key contacts

[www.txdot.gov/inside-txdot/gulf-freeway-pel-study.html](http://www.txdot.gov/inside-txdot/gulf-freeway-pel-study.html)

Gulf Freeway PEL Study Virtual Public Meeting

July 16, 2020

### Share facts about COVID-19

Know the facts about coronavirus (COVID-19) and help stop the spread of rumors.

**FACT 1** Diseases can make anyone sick regardless of their race or ethnicity. Fear and anxiety about COVID-19 can cause people to avoid or reject others even though they are not at risk for spreading the virus.

**FACT 2** For most people, the immediate risk of becoming seriously ill from the virus that causes COVID-19 is thought to be low. Older adults and people of any age who have serious underlying medical conditions may be at higher risk for more serious complications from COVID-19.

**FACT 3** Someone who has completed quarantine or has been released from isolation does not pose a risk of infection to other people. For up-to-date information, visit CDC's coronavirus disease 2019 web page.

**FACT 4** There are simple things you can do to help keep yourself and others healthy.

- Wash your hands often with soap and water for at least 20 seconds, especially after blowing your nose, coughing, or sneezing; going to the bathroom; and before eating or preparing food.
- When in public, wear a cloth face covering that covers your mouth and nose.
- Avoid touching your eyes, nose, and mouth with unwashed hands.
- Stay home when you are sick.
- Cover your cough or sneeze with a tissue, then throw the tissue in the trash.

**FACT 5** You can help stop COVID-19 by knowing the signs and symptoms, which can include:

- Fever
- Cough
- Shortness of breath

Seek medical attention immediately if you or someone you love has emergency warning signs, including:

- Trouble breathing
- Persistent pain or pressure in the chest
- New confusion or not able to be woken
- Bluish lips or face

This list is not all inclusive. Please consult your medical provider for any other symptoms that are severe or concerning.



[cdc.gov/coronavirus](https://www.cdc.gov/coronavirus)

Given the unique circumstances of the COVID-19 pandemic, along with the department's commitment to protecting public health during this national emergency, TxDOT is conducting this virtual public meeting to avoid in-person contact. At this time, the online format will be conducted in-lieu of an in-person public meeting.

This presentation will cover the same information that the Houston District would have presented at an in-person public meeting. The comment process for this virtual public meeting will be described near the end of this presentation.

All meeting materials can be found on the TxDOT website on the Gulf Freeway PEL Study meeting notice page. The website for the study is: [www.txdot.gov/inside-txdot/gulf-freeway-pel-study.html](http://www.txdot.gov/inside-txdot/gulf-freeway-pel-study.html).



# Purpose of the Meeting

- **Learn** about the study
- **Review** the study material
- **Provide** comments and feedback



This virtual public meeting is being held to provide information on the study. This is the first of a series of public meetings that will be held over the next couple of years as the Gulf Freeway PEL Study progresses. You are encouraged to submit comments on the study after reviewing the meeting materials and listening to this presentation.

For this meeting, the material will cover:

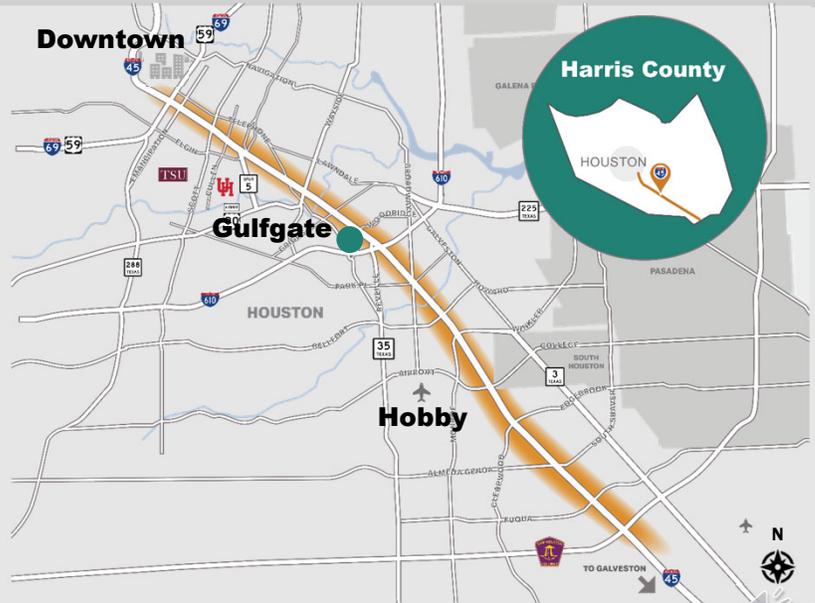
- What is a Planning and Environmental Linkages Study and who participates,
- Study process,
- Existing roadway configuration,
- Existing traffic conditions and travel patterns,
- Multimodal operations,
- Historic safety and crash data,
- Environmental considerations,
- Next steps, and
- The Comment process.

## Study Overview



### Gulf Freeway (I-45 South) PEL Study Area

<b>Study Limits:</b>	I-69 / US 59 (Downtown) to Beltway 8 South
<b>Project Length:</b>	14 miles
<b>County:</b>	Harris County
<b>Cities:</b>	Houston South Houston
<b>Places of Interest:</b>	Downtown, Midtown, East Downtown and East End communities, University of Houston, Gulfgate, Texas Southern University, Hobby Airport



TxDOT is evaluating a 14-mile section of Gulf Freeway extending from I-69/US 59 in Downtown Houston to Beltway 8 South. The study corridor is located in Harris County. The Gulf Freeway corridor connects several communities, including the cities of Houston and South Houston, and serves multiple points of interest including Downtown, Midtown, East Downtown and East End communities, University of Houston, Texas Southern University, Hobby Airport, and Gulfgate.



## PEL = Planning and Environmental Linkages

A PEL Study provides:



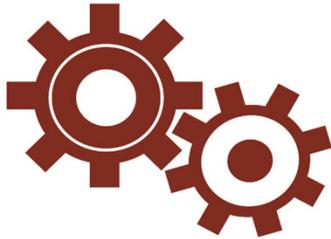
- An approach to decision making
- Early consideration of:
  - Environmental goals
  - Community goals
  - Economic goals



Let's take a moment to explain what is a PEL study. A PEL study is a high-level approach to transportation decision making. For a PEL study, environmental, community, and economic goals are considered early in the planning stages. These goals are carried through to project development, design, and construction.



### PEL Study benefits include:

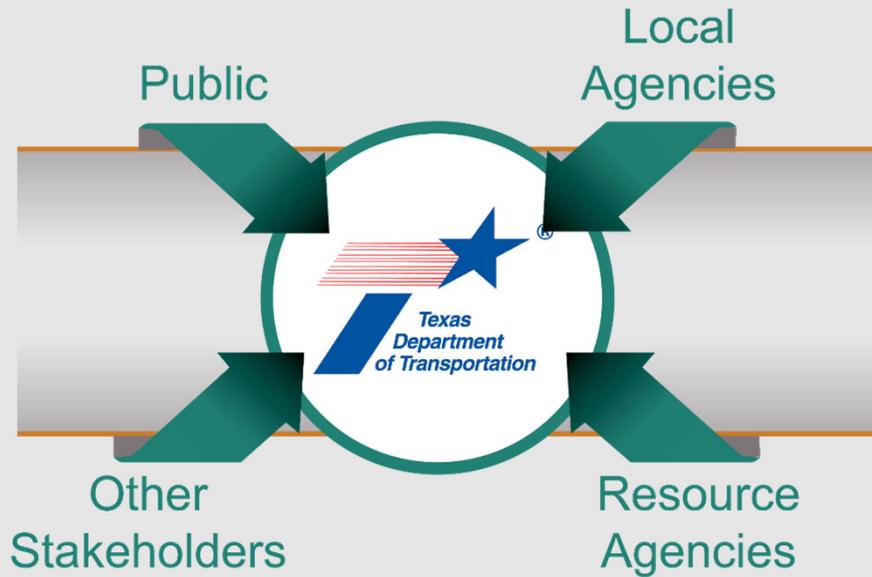


- Promoting efficient and cost-effective solutions
- Minimizing duplication of effort
- Reducing delays in project implementation
- Open and frequent communication at all levels



This PEL study will set a vision for the Gulf Freeway and guide future transportation improvement projects by promoting efficient and cost-effective solutions. It streamlines the planning process by minimizing duplication of effort and reducing delays in project implementation. The PEL study process encourages open and frequent public and stakeholder feedback. This feedback will guide the development of potential solutions as the study advances to the next phase.

## Who participates in a PEL Study?



Communication and collaboration are key to conducting a successful study. Coordination with agencies, stakeholders, and the public is essential through each step of the study to assist in developing the vision for the Gulf Freeway corridor. Other stakeholders may include: special interest groups, non-government agencies, school districts and private businesses.

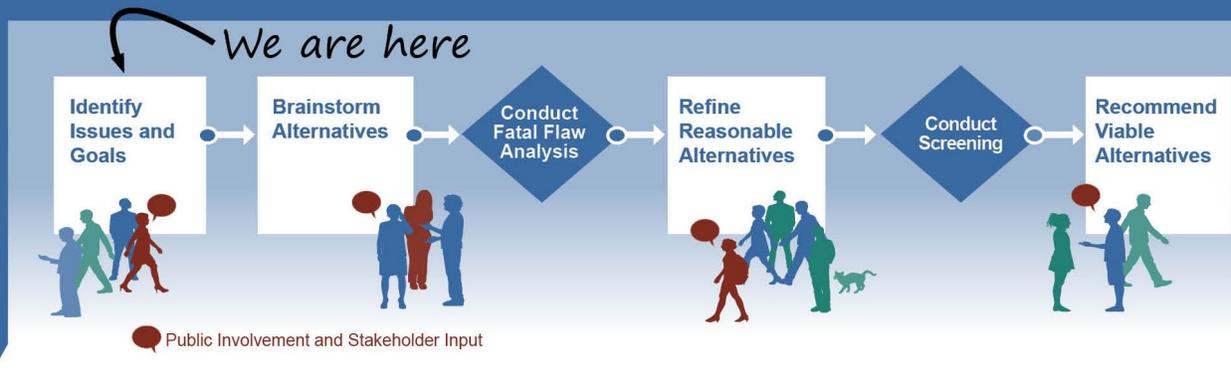
## When will the PEL Study be completed?



### Current Step

#### PEL Study: Now - Spring 2023

Identify and prioritize possible solutions



Gulf Freeway PEL Study Virtual Public Meeting

July 16, 2020

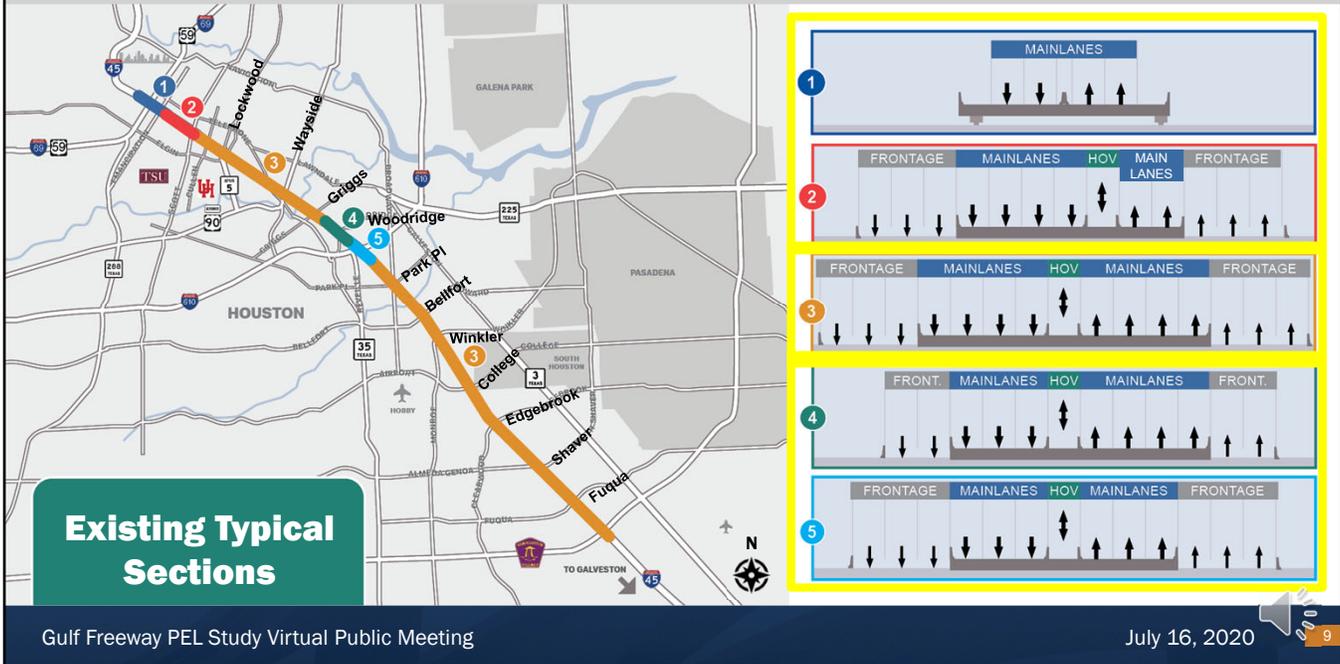
8

The Gulf Freeway PEL Study began in the fall of 2019 with data collection and evaluation of existing conditions. TxDOT is presenting the preliminary results of the existing conditions analysis for the study corridor, which revealed existing corridor issues and deficiencies. We want your help to identify other issues within the corridor and how you envision the future of the corridor.

After the comment period for this virtual public meeting closes and all of the input has been compiled, TxDOT will determine the goals of the study. From there, we will begin identifying alternatives that could address corridor deficiencies and public input. More meetings will be held as we develop and evaluate alternatives to obtain your input throughout this process. Through the alternative evaluation process, viable alternatives will be identified at the end of the PEL Study in the spring of 2023. Please note the PEL study findings will be used to advance the potential project through the design, environmental review and construction phase. This study is not part of the process regulated by the National Environmental Policy Act and will only be used as a recommendation to promote future projects.

After the PEL Study is completed, the environmental review process will be used to evaluate the viable alternatives in further detail.

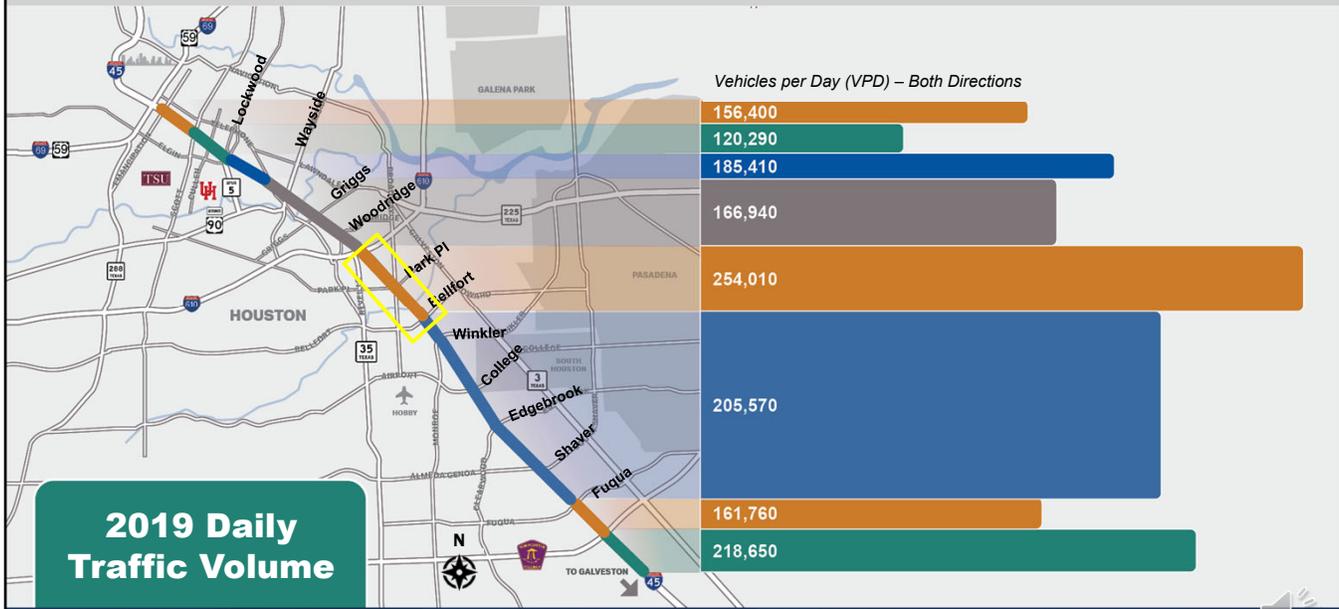
## Number of Travel Lanes with Roadway Typical Sections



As mentioned previously, the study began by evaluating existing conditions along the study corridor.

For the majority of the study corridor, there are four main lanes and three frontage road lanes in each direction along with a reversible HOV lane, as shown as Cross-section 3 on the right. There are variations to the number of lanes on both main lanes and frontage roads between the I-69 interchange and Scott Street, as shown on Cross-sections 1 and 2, and through the I-610 interchange, as shown on Cross-sections 4 and 5.

## Traffic Volumes



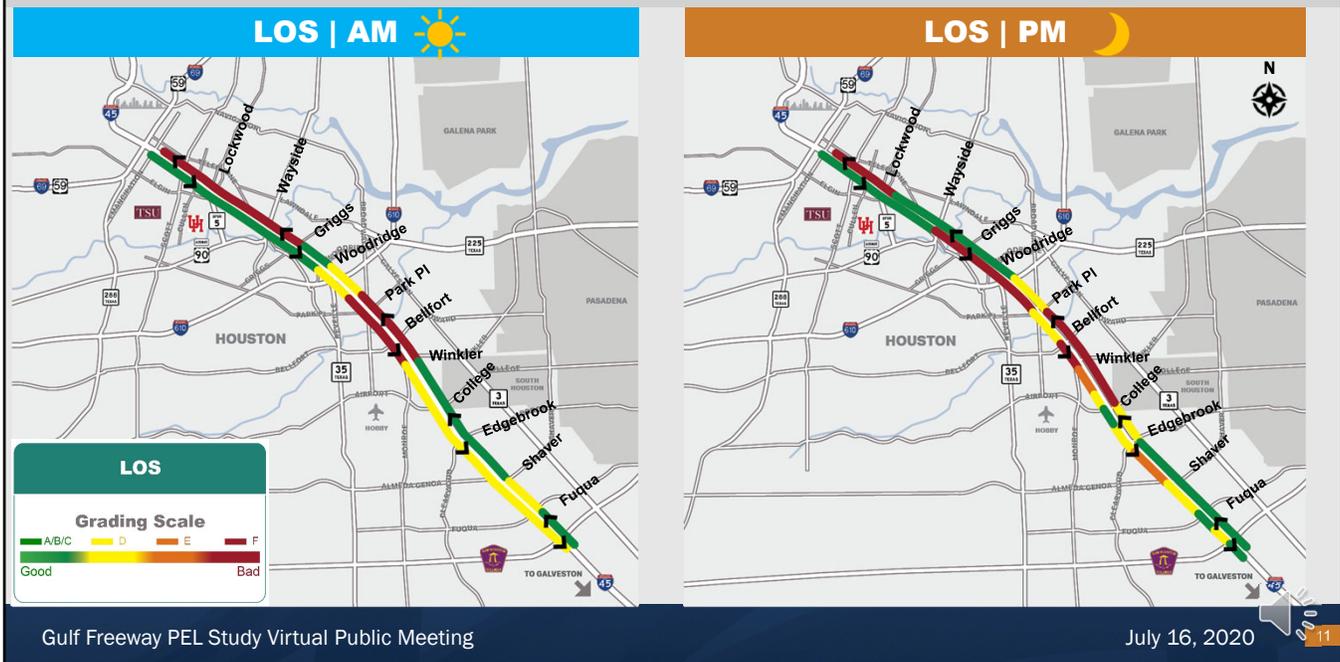
**2019 Daily Traffic Volume**



We also looked at daily traffic volumes as part of the existing conditions analysis. Shown here are the daily traffic volumes in 2019 along various main lane segments of the Gulf Freeway corridor. The traffic data is based on actual counts collected by TxDOT in October 2019.

Traffic volumes in both directions range from approximately 120,000 to 245,000 vehicles per day, with the highest daily volumes located just south of I-610.

## Existing (2019) Level of Service (LOS)



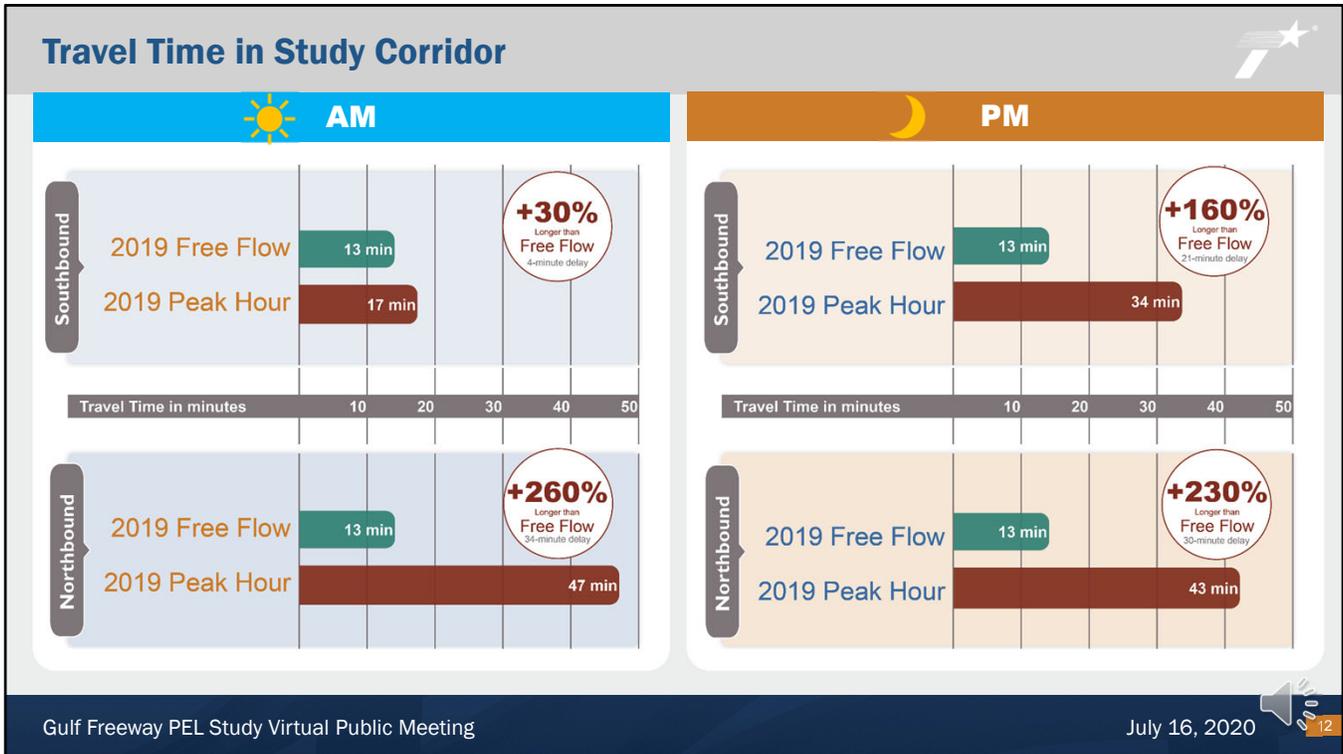
Gulf Freeway PEL Study Virtual Public Meeting

July 16, 2020

Using the 2019 traffic volumes, we analyzed the freeway level of service, or how congested the study corridor is today. The level of service grading scale is illustrated in the graphic on the bottom left. Level of service ranges from A, free flowing traffic as shown in light green, to F which is heavily congested as shown in red.

During the morning peak travel period, shown on the left, several segments of Gulf Freeway currently experience high congestion. Two of the three segments with high congestion are in the northbound direction. The northbound segments are between Winkler Drive and Park Place Boulevard, which has high traffic volumes, and between Griggs Road and the I-69 interchange, which has bottlenecks and construction zones. In the southbound direction, the segment that experiences high congestion is between Park Place Boulevard and Winkler Drive, which has high traffic volumes. Other parts of the corridor experience low to moderate congestion during the morning peak travel period.

During the evening peak travel period, shown on the right, more segments of Gulf Freeway currently experience high congestion. Between Wayside Drive and Shaver Street, most of the southbound segments experience moderate to high congestion due to high traffic volumes. Between Edgebrook Drive and Woodridge Drive, the northbound segments experience moderate to high congestion. Due to construction, congestion levels are also high on northbound I-45 approaching the I-69 interchange.



One important factor TxDOT considers when studying existing traffic operations is to estimate travel time. By comparing free flow, or no congestion conditions, to peak travel periods we can understand the delays experienced by drivers every day. In free flow conditions, it should take 13 minutes to drive the corridor from the I-69 interchange in Downtown Houston to the Beltway 8 South interchange, but travel time fluctuates throughout the day.

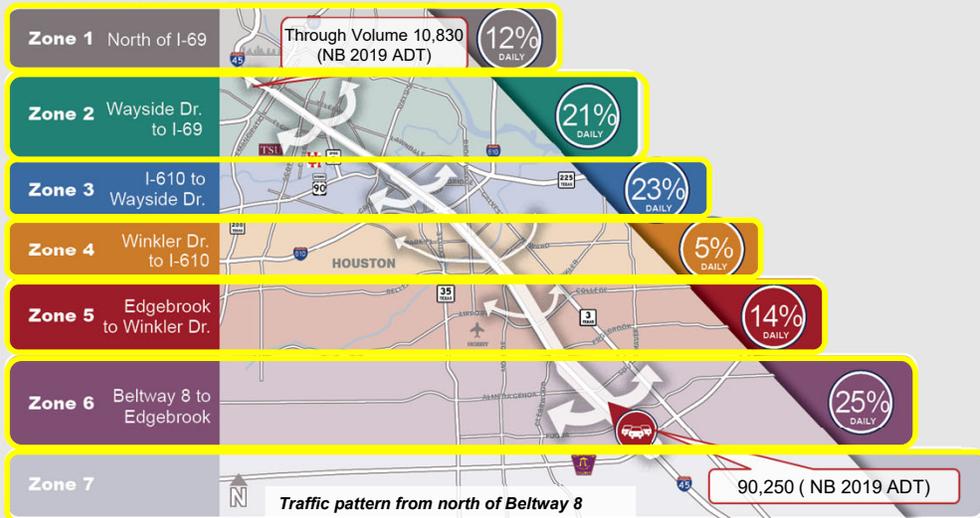
For the morning peak period, shown on the left, the southbound direction has minimal delay, an additional 4 minutes, while the northbound direction has very high delay, an additional 34 minutes. The northbound morning peak travel time can be attributed to the ongoing construction activity and high traffic volumes.

For the evening peak period, shown on the right, the southbound direction has moderate delay, an additional 21 minutes. The northbound direction has very high delay, an additional 30 minutes, which may be associated with the ongoing construction activity.

## Northbound Travel Patterns



### Northbound



Source: 2019 StreetLight O-D Data

Gulf Freeway PEL Study Virtual Public Meeting

July 16, 2020

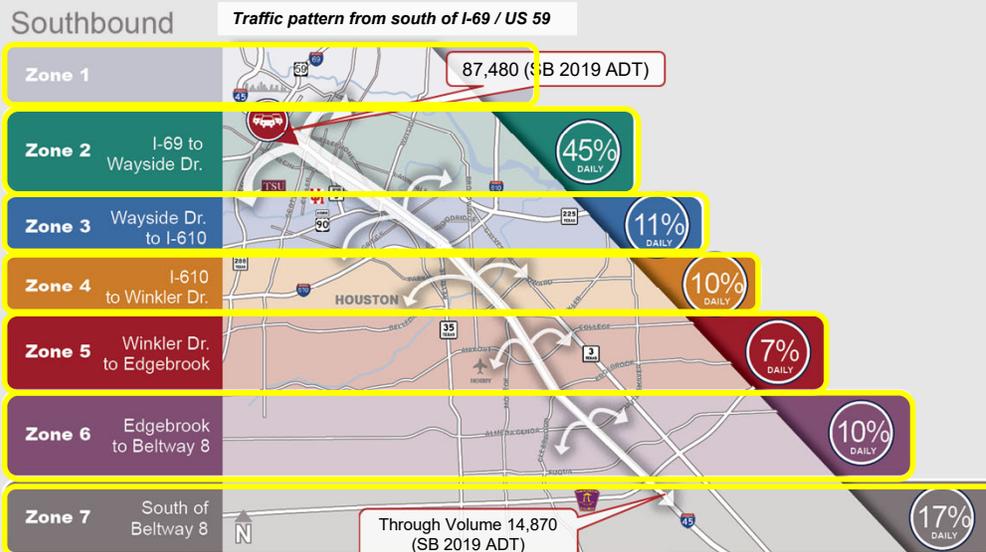
13

As we look within our study area it is important to understand travel patterns, including where people are coming from and where they are going in the study area. The study team collected origin-destination data from StreetLight, a company that records millions of data points from smart phones and navigation devices and analyzes this information to understand travel patterns. We obtained and analyzed 2019 data for this study.

This exhibit shows the origin-destination pattern for traffic traveling northbound on the I-45 main lanes, beginning at the southern limits of the study area just north of Beltway 8, or Zone 7. As shown, only 12 percent of the trips originating south of Beltway 8 are traveling through the corridor to downtown, or Zone 1, this is considered through traffic. This equates to approximately 11,000 vehicles per day. The remaining 88 percent of the trips are considered local trips with destinations along the corridor:

- Twenty-five percent of the trips exit between Beltway 8 and Edgebrook, or Zone 6;
- 14 percent of the trips exit between Edgebrook Drive and Winkler Drive, or Zone 5;
- 5 percent of the trips exit between Winkler Drive and I-610, or Zone 4;
- 23 percent of the trips exit between I-610 and Wayside Drive, or Zone 3; and
- 21 percent of the trips exit between Wayside Drive and the I-69 interchange, or Zone 2.

## Southbound Travel Patterns



Source: 2019 StreetLight O-D Data

Gulf Freeway PEL Study Virtual Public Meeting

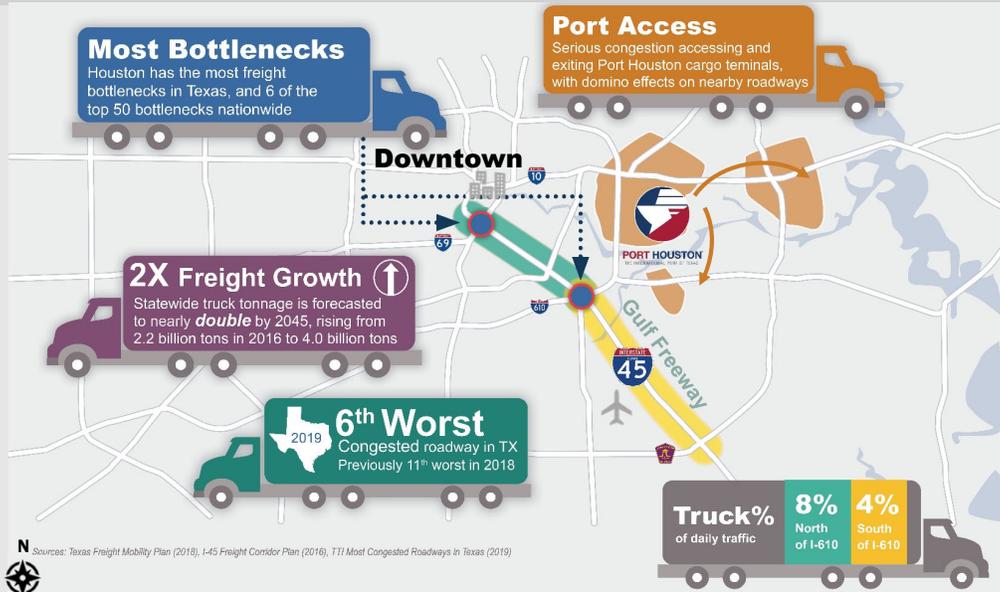
July 16, 2020

14

Similarly, we looked at traffic entering our study area from the northern end of the study area. This exhibit shows the origin-destination patterns for traffic traveling southbound on I-45, just south of the I-69 interchange where the study area begins, or Zone 1. Only 17 percent of the trips originating south of I-69 are through traffic traveling through the corridor to areas south of Beltway 8, or Zone 7. This equates to approximately 15,000 vehicles per day. The remaining 83 percent of the trips are considered local trips with destinations along the corridor:

- Over 50 percent of the trips are short distance trips with destinations between downtown and I-610, or Zones 2 and 3;
- Ten percent of the trips exit between I-610 and Winkler Drive, or Zone 4;
- Seven percent of the trips exit between Winkler Drive and Edgebrook Drive, or Zone 5; and
- Ten percent of the trips exit between Edgebrook and Beltway 8, or Zone 6.

## Freight Facts



Gulf Freeway PEL Study Virtual Public Meeting

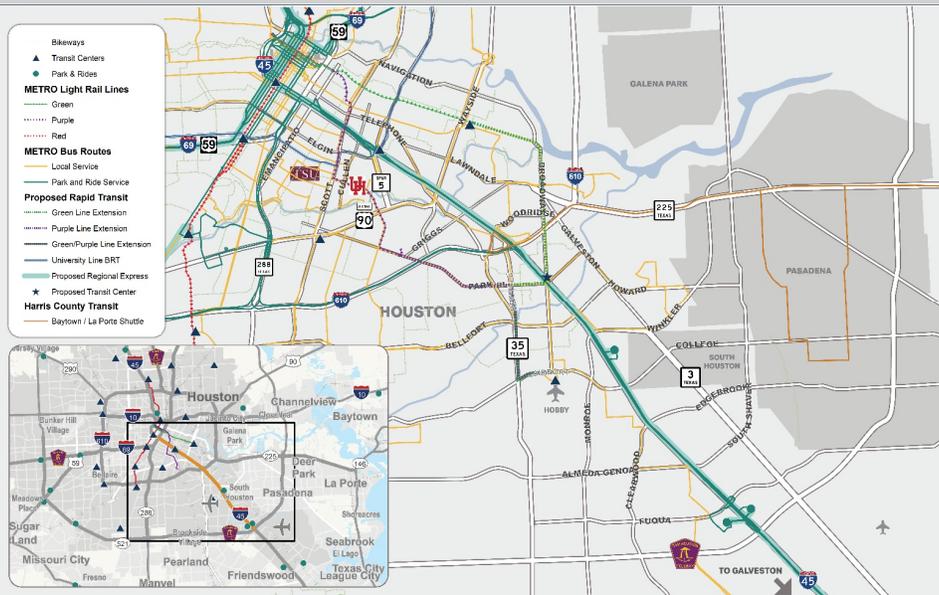
Sources: Texas Transportation Institute Most Congested Roadways (2019); Texas Freight Mobility Plan 2018; I-45 Freight Corridor Plan (2016)  
July 16, 2020

As we know, I-45 is an important freight corridor for the Houston region and the country. It connects Houston with Galveston Island on the south, and with Dallas and beyond on the north. We looked at the percent of trucks versus other vehicles along the corridor. Between I-69 and I-610, approximately 8 percent of the total traffic is trucks. Between I-610 and Beltway 8 the corridor has about 4 percent trucks.

Two locations along the study limits have been identified as freight bottlenecks in a 2019 study by the Texas Transportation Institute: I-45 at I-610 and I-45 at I-69. These interchanges experience intense congestion for generally long periods of time.

Also, the I-45 segment from I-69 to I-610 was identified by the Texas Transportation Institute as the 6<sup>th</sup> worst segment in the top 100 most congested segments in the state in 2019.

## Multimodal Transportation



TxDOT does not have jurisdiction over public transportation provided on the study corridor.

Gulf Freeway PEL Study Virtual Public Meeting

July 16, 2020



16

Not only are we investigating vehicles and their use along the corridor, but we also need to consider other transportation modes such as transit, bikes and pedestrians. The study team gathered information related to light rail, transit, bikeways and park and ride facilities that serve this corridor, including transit and light rail routes defined in the MetroNext Plan developed by the Metropolitan Transit Authority of Harris County, known as METRO. We want to make sure that any future improvements along the corridor will be compatible with the MetroNext Plan.

Detailed exhibits are provided on the study website as part of the virtual meeting material.

## Multimodal Transportation



Houston METRO (1,2)	Harris County Transit (1,2)	METRONext Plan
<ul style="list-style-type: none"><li>1 Intersecting light rail - Purple Line</li><li>10 Lower-frequency local bus routes</li><li>6 High-frequency local bus routes</li><li>3 Free downtown shuttle routes</li><li>6 Park &amp; Ride routes</li><li>5 Transit Centers and Park &amp; Rides</li></ul>	<ul style="list-style-type: none"><li>1 Local bus route</li></ul> <p>(1) These routes either operate along Gulf Freeway, along adjacent roadways within the study area, or make connections at Transit Centers or Park &amp; Ride lots in the study area.</p> <p>(2) Due to the large number of downtown transit connections, bus routes that operate between downtown and locations outside of the study area are excluded.</p>	<ul style="list-style-type: none"><li>Extension of Green and Purple Light Rail Lines to Hobby Airport</li><li>New Regional Express Bus Service along Gulf Freeway</li><li>New Bus Rapid Transit (BRT) Line along University Corridor</li><li>Improve Hobby &amp; Wheeler Transit Centers (TC); New TC at Park Place</li></ul>

Gulf Freeway PEL Study Virtual Public Meeting

TxDOT does not have jurisdiction over public transportation provided on the study corridor.

July 16, 2020



An analysis of the existing and planned transit operations in the study area was conducted. The routes identified operate along Gulf Freeway, along adjacent roadways within the study area or make connections to Park & Rides and Transit Centers within the study area.

Houston METRO operates:

- 1 light rail line, the Purple line, that intersects the Gulf Freeway,
- 10 lower frequency local bus routes,
- 6 high frequency local bus routes,
- 3 free downtown shuttle routes,
- 6 Park & Ride routes, and
- 5 Transit Centers and Park & Rides.

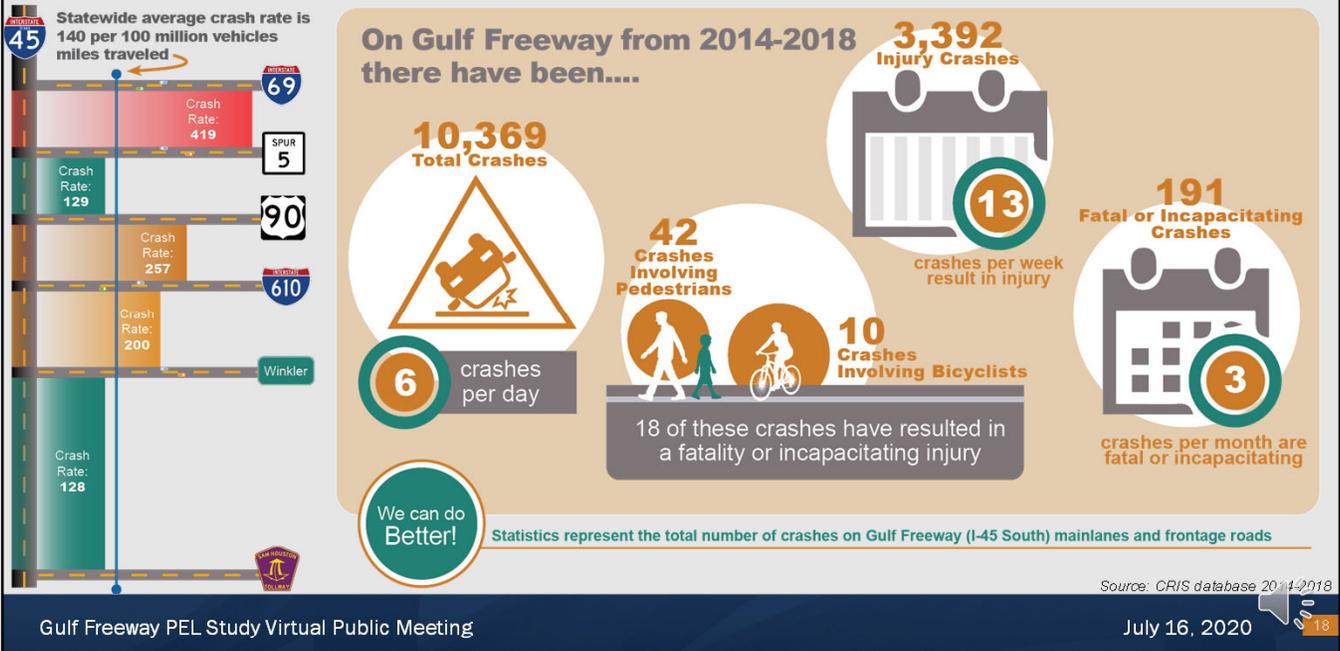
Harris County Transit operates one local bus route.

Several improvements for the study area are included in the MetroNext Plan. These improvements include:

- The extension of the Green and Purple light rail lines to Hobby Airport,
- New regional express bus service along the corridor,
- New Bus Rapid Transit service along the University Corridor, and
- Improvements to existing Transit Centers and one new Transit Center at Park Place Boulevard.

Please note that this is an inventory of existing and planned transit service by various transit providers, TxDOT does not have jurisdiction over public transportation provided in the study corridor.

## Safety: Overall Conditions



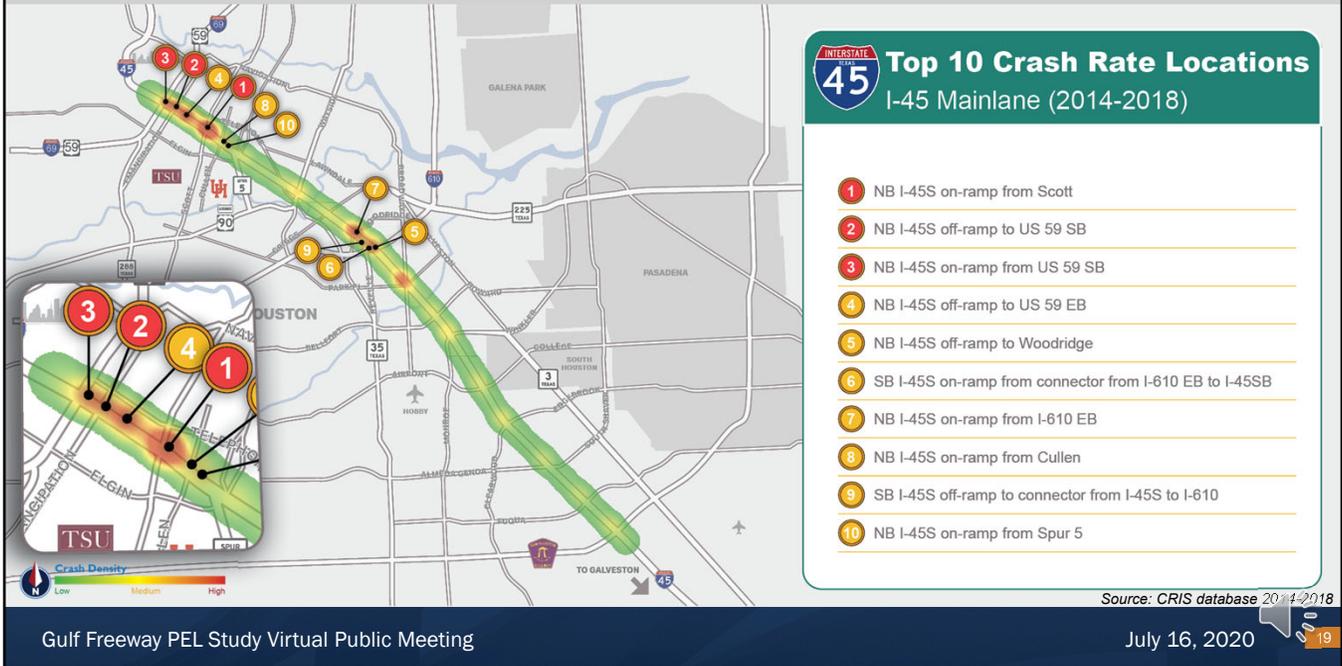
Safety is a major consideration when we study a corridor, so we collected and analyzed 5 years of crash data along the Gulf Freeway. The chart on the left presents the crash rates for each segment of the study corridor which was compared to the statewide average crash rate for a similar facility. The segment of Gulf Freeway between I-69 and Spur 5 has a crash rate nearly 3 times the statewide average crash rate.

Along the corridor there were, on average:

- Six crashes per day,
- 13 injury-related crashes per week, and
- Three fatal or incapacitating crashes per month.

There were also 42 crashes involving pedestrians and 10 crashes involving cyclists.

## Safety: Mainlane Crash Hot Spots (2014-2018)



Gulf Freeway PEL Study Virtual Public Meeting

July 16, 2020

19

We also wanted to identify locations that experience high crash rates, or what we call “hot spots,” along the corridor. This map shows the density of crashes that occurred on the mainlanes. Six of the top 10 hot spot locations are located between I-69 and Spur 5. The top three locations are located in the northbound direction on Gulf Freeway, close to the downtown area.

## Safety: Frontage Road Crash Hot Spots (2014-2018)



### Frontage Road Crash Hot Spot Locations (2014-2018)

- |                                    |                                     |
|------------------------------------|-------------------------------------|
| 1 Wayside Drive                    | 5 Clearwood Drive / Edgebrook Drive |
| 2 Woodridge Drive                  | 6 Almeda Genoa Rd / Shaver Street   |
| 3 Broadway St / Park Place Blvd    | 7 Beltway 8                         |
| 4 Monroe Boulevard / Winkler Drive |                                     |

#### Note:

The frontage road crashes includes crash records on frontage road and crossing streets within 500 feet of intersections.

Source: CRIS database 2014-2018

We also analyzed crashes along the frontage roads and identified the “hot spots,” which include the following:

- Wayside Drive
- Woodridge Drive
- Broadway Street/Park Place Boulevard
- Monroe Boulevard/Winkler Drive
- Clearwood Drive/Edgebrook Drive
- Almeda Genoa Road/Shaver Street
- Beltway 8

## What are the Corridor Considerations?



Constraints are factors that influence the transportation solutions that can be considered.

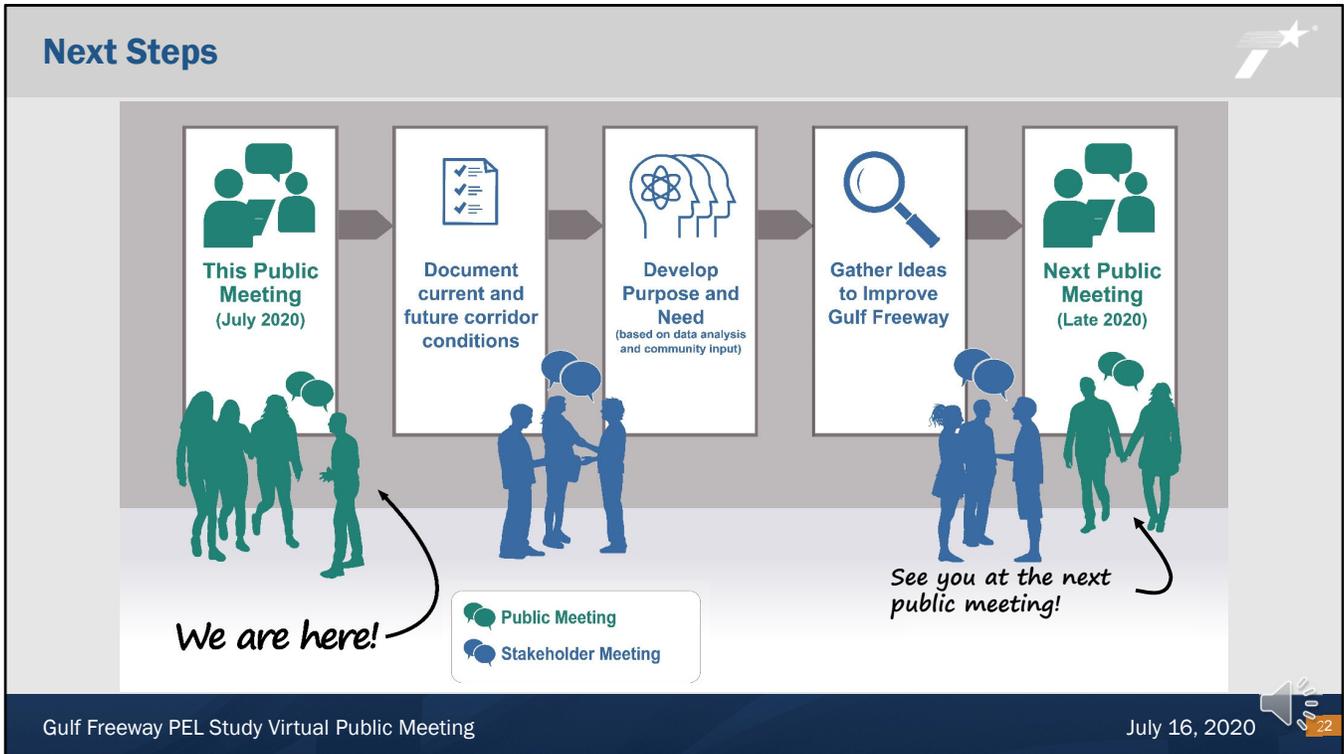
<p><b>Hazardous Materials</b></p>  <p>Inventory hazardous materials sites, as these locations may pose challenges for future projects.</p>	<p><b>Parks &amp; Public Land</b></p>  <p>Identify parks and public lands.</p>	<p><b>Water Crossings</b></p>  <p>Bodies of water are sensitive environmental resources that must be identified. Aside from minor drainage channels, water crossings along the Gulf Freeway include Brays Bayou and Sims Bayou.</p>	<p><b>Historic Properties</b></p>  <p>Within the study area there are historical markers and properties that are listed on the National Register of Historic Places that must be inventoried.</p>
<p><b>Archaeological Sites</b></p>  <p>Similar to historic resources, archaeological resources are protected by law. These resources must be inventoried.</p>	<p><b>Utilities</b></p>  <p>Identify major utility lines in the study corridor (e.g., transmission lines, oil and gas pipelines).</p>	<p><b>Multi-Modal</b></p>  <p>Existing bicycle, pedestrian, and transit facilities must be identified and inventoried.</p>	<p><b>Communities</b></p>  <p>Identify land use, neighborhoods, and communities within the Gulf Freeway corridor.</p>



As we mentioned earlier, part of the PEL study is to consider the environmental impacts of any proposed improvements to both natural or man-made resources. The study team prepared an inventory that identifies critical elements that need to be considered as part of the study.

These elements include: hazardous materials, parks and public land, water crossings, historic properties, archeological sites, utilities, multi-modal facilities and communities.

A series of environmental constraints maps for the study area are available for download on the study website. The website for the study is: [www.txdot.gov/inside-txdot/gulf-freeway-pel-study.html](http://www.txdot.gov/inside-txdot/gulf-freeway-pel-study.html)



Now that we have described the PEL study process and the results of the evaluation of existing conditions, it is time to offer your ideas.

Input from this virtual public meeting is very important and will be used to help us develop the purpose and need statement which will describe the transportation related problems in the corridor that will be evaluated during the study. As a next step, the study team will come back to you again for a second public meeting, in the winter of 2020. At the second meeting, we will share more information on the corridor needs, confirm the purpose of the study, and present a list of potential improvements.

## Online Survey



Visit [www.txdot.gov](http://www.txdot.gov)  
Keyword Search: Gulf Freeway PEL Study



Online Survey



In addition to providing written comments, TxDOT is conducting an online survey. The survey gives you an opportunity to provide interactive input on the study. We will use the results of this survey to help our study team identify issues, concerns, priorities and to develop solutions to improve the corridor.

To access this survey, go to [www.txdot.gov](http://www.txdot.gov) and search for “Gulf Freeway PEL Study.”

The online survey will be available throughout the comment period for the virtual public meeting so be sure to take the survey by Friday, July 31, 2020. The results of the online survey will be included in the Virtual Public Meeting Summary Report which will be posted on the TxDOT website within the next few months.

## Stay Engaged & Informed



### Website Information:

- »» Notices (English & Spanish)
- »» Study schedule
- »» Fact sheet
- »» Public meeting exhibit boards
- »» Link to online survey
- »» Other study information

Visit [www.txdot.gov](http://www.txdot.gov)  
Keyword Search: Gulf Freeway PEL Study

TEXAS DEPARTMENT OF TRANSPORTATION

Inside TxDOT | Get Involved | Media Center | Projects | Forms & Publications | Administration | Districts | Divisions

Gulf Freeway Planning and Environmental Linkages (PEL) Study

Subscribe to Updates

Contact Us

Mailing Address  
7600 Washington Ave.  
Houston, TX 77007

Please reference the following project number:  
Gulf Freeway PEL: 0500-03-633  
TxDOT Houston District  
Public Information Office

Gulf Freeway PEL Study Virtual Public Meeting

July 16, 2020

We encourage you to stay engaged in and informed about the Gulf Freeway PEL study in the following ways:

- First, sign up to receive email updates by visiting [www.TxDOT.gov](http://www.TxDOT.gov) and searching for: Gulf Freeway PEL Study. Click on the study webpage. Once on the study webpage, click on the upper right-hand button that says “Subscribe to Updates” and enter your email address so that we can send you study updates as they become available.
- We also invite you to view the various study materials on the TxDOT website. For example, the virtual public meeting materials, fact sheet, study reports, schedule and other information will be included on the study website.

## How to Submit Your Written Comments



### Email

Hou-piowebmail@txdot.gov



### Mail

TxDOT Houston District  
Attn: Director of Project  
Development  
P.O. Box 1386  
Houston, TX 77251-1386



### Submit Online

» Visit [www.txdot.gov](http://www.txdot.gov)  
In the upper right-hand  
search box enter: **Gulf  
Freeway PEL Study**

» Then click:

Contact Us

Comments must be received or postmarked by Friday, July 31, 2020, to be included in the Virtual Public Meeting Summary Report.



Feel free to provide additional written comments on the materials you have seen tonight. The comment form is located on the study's website. Comments must be received via email or mailed and postmarked by Friday, July 31, 2020, to be included in the Virtual Public Meeting Summary Report.

You can submit written comments in the following ways:

- Via email to [hou-piowebmail@txdot.gov](mailto:hou-piowebmail@txdot.gov)
- Via mail to the TxDOT Houston District, Attention: Director of Project Development, P.O. Box 1386, Houston, Texas, 77251-1386
- Online by visiting [www.TxDOT.gov](http://www.TxDOT.gov) and searching in the upper right-hand search box for "Gulf Freeway PEL Study." Click on the email link at the bottom of the study page to open the comment form.

Again, please submit your written comments no later than midnight on Friday, July 31, 2020, for your comments to be included in the virtual public meeting record.

Responses to your comments submitted during the comment period will be included in the Virtual Public Meeting Summary Report. This report will be posted on the study's website in approximately three months. The website for the study is: [www.txdot.gov/inside-txdot/gulf-freeway-pel-study.html](http://www.txdot.gov/inside-txdot/gulf-freeway-pel-study.html).



# Thank you!

Please don't forget to submit comments and complete the interactive online survey by Friday, July 31, 2020.



Please don't forget to submit your written comments and complete the interactive online survey by Friday, July 31, 2020.

Thank you for participating in this virtual public meeting for the Gulf Freeway PEL Study.