



# 2027-2030 Transportation Improvement Program (TIP)



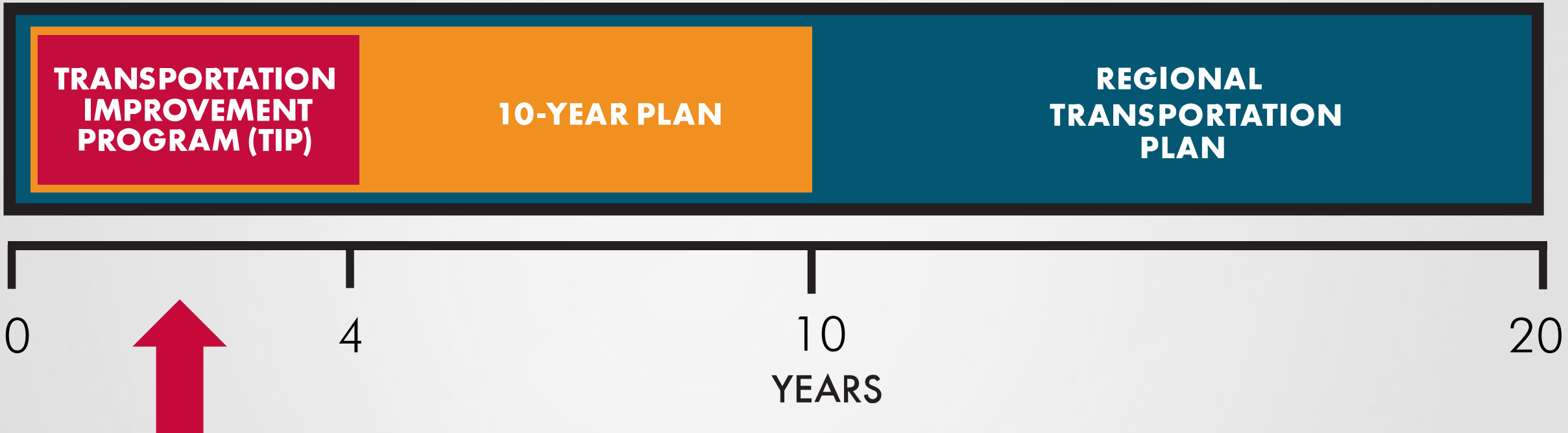
Transportation Policy Council  
May 22, 2026

# We Are Here

Construction &  
Implementation

Project  
Development

Vision Planning



# What is the TIP?

- Four-year programming of transportation projects within the Metropolitan Planning Area (MPA)
- Federally required, fully funded, and fiscally constrained
- New TIP developed every two years, consistent with Statewide Transportation Program (STIP) schedule
- Consistent with the following:
  - Regional Transportation Plan (RTP)
  - 10-Year Plan
  - Latest conformity determination
  - Unified Transportation Program (UTP)



# 2027-2030 TIP

- Adding two years to the current TIP (FY 2029 and FY 2030)
  - Removing FY 2025 and FY 2026
  - All let, completed, and cancelled projects are removed.
- Staff reviews funding commitments (10 Year-Plan), conformity, and fiscal constraint.
  - Project Selection Process
- Completed Risk Registers and TxDOT's Local Government Scheduling Tools
  - Consistent with Project Milestone Policy approved in December 2025



# Development Timeline

STEPS	TASK	DATE	Complete
1	Review of FY 2026-2030 Projects	DEC 25 – JAN 26	✓
2	Risk Registers and TxDOT LG Scheduling Tool sent to Sponsors	JAN – FEB	✓
3	Risk Registers and TxDOT LG Scheduling Tool due to MPO	FEB – APRIL	✓
4	Review and prepare baseline schedules	JAN – MARCH	✓
5	Prepare TIP Document	JAN – MARCH	✓
6	Open public comment period	APRIL – MAY	✓
7	Public Meeting	APRIL 21	✓
8	Preview Draft TIP with TAC and TPC	APRIL	✓
9	Seek TAC and TPC approval	MAY	
10	Submit final projects to eSTIP	MAY	

# Chapters and Appendices

- **Chapter 1 – Introduction**
  - Describes the Transportation Planning Process
- **Chapter 2 – Financial Plan**
  - Fiscal constraint
  - Financial summaries
- **Chapter 3 – Highway**
  - Approved by FHWA
  - Highway Funding Categories
  - Cat 2/CMAQ/STBG/TASA/CRP
- **Chapter 4 - Transit projects**
  - Approved by FTA
  - Formula funds/Locally funded
- **Appendices**
  - A: Public comments
  - B: Performance measures
  - J: Grouped Projects List
  - L: Risk Register Scores

# Fiscal Constraint

Funding Category	Category Name	Authorized (in millions)	Programmed (in millions)	Difference (in millions)
Category 2	Metropolitan and Urban Area Corridor Projects	\$1,182	\$1,175	\$7
Category 5	Congestion Mitigation and Air Quality Improvement (CMAQ)	\$671	\$422	\$249
Category 7	Metropolitan Mobility and Rehabilitation (STBG)	\$1,061	\$1,010	\$51
Category 9	Transportation Alternative Set Asides (TASA)	\$180	\$26	\$154
Category 10	Carbon Reduction Program (CRP)	\$22	\$25	\$-3
All Categories with MPO Discretion – Total	All Categories with MPO Discretion	\$3,114	\$2,658	\$456
<b>Total Highway</b>	<b>All Categories</b>	<b>\$15,072</b>	<b>\$14,571</b>	<b>\$502</b>

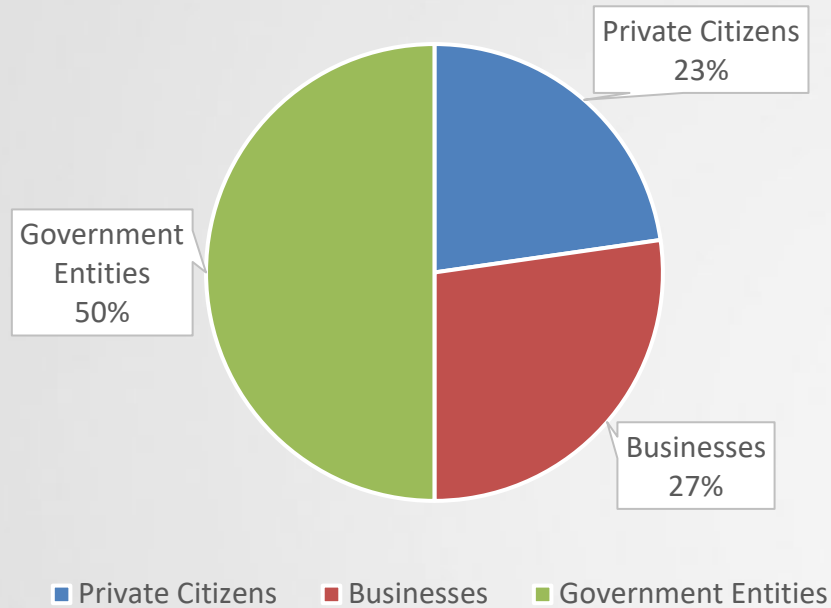
# Public Involvement

- Public Comment Period - April 8<sup>th</sup> through May 8<sup>th</sup>
  - Federally required and consistent with the Public Participation Plan (PPP)
  - 44 public comments received

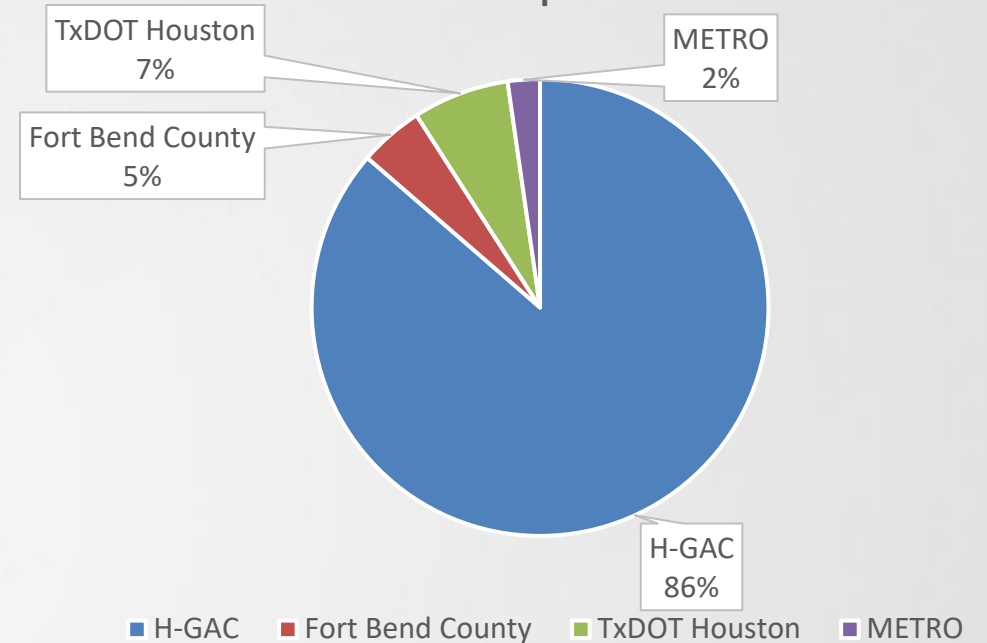


# Public Comments

Who Commented?

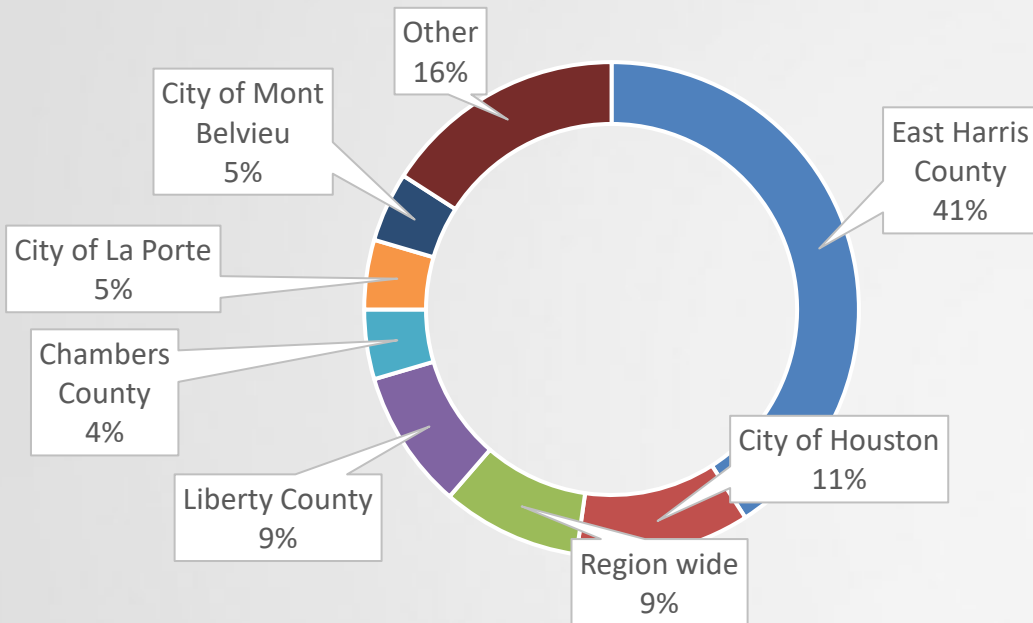


Who Responded?

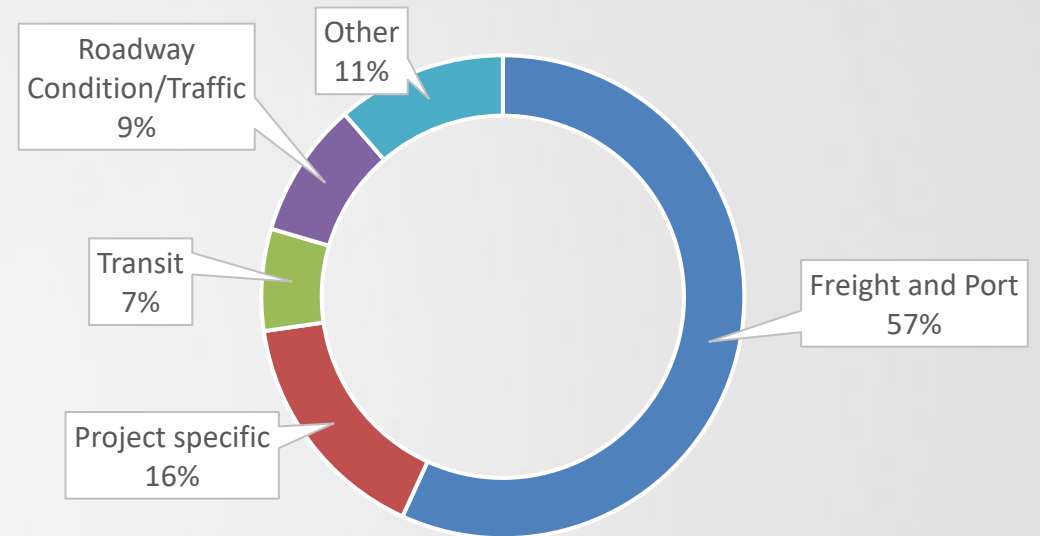


# Public Comments

Where did they come from?



What were the comments about?





# Action Requested

- Request Transportation Policy Council approval of Resolutions No. 2026-14 and 2026-15



# Staff Contact



**Vishu Lingala**

Manager – Project Programming

[Vishu.Lingala@h-gac.com](mailto:Vishu.Lingala@h-gac.com)

713-993-4561

**Stephen Keen**

Principal Planner – Project Programming

[stephen.keen@h-gac.com](mailto:stephen.keen@h-gac.com)

713-993-4574



# Item 10: Carry Over Spend Down (COSD) Update



Transportation Policy Council (TPC)  
May 22, 2026

# Background Summary



- **COSD Program Snapshot:** 122 projects / 35 sponsors (~\$900M funded; CMAQ, STBG, CRP).
- **Programming Expectation:** Projects were originally selected with strong confidence in meeting the August 2026 letting deadline.
- **Status of Projects prior to April TPC meeting:** 2 at risk; 17 not expected to meet deadline (~\$166.5M).
- **Overall Performance:** ~80% of COSD funding tied to projects already let or on track

# Current Situation

Following the April TPC discussion, H-GAC conducted targeted meetings with sponsors of the 19 projects not expected to meet the August 2026 letting deadline.

## Discussions focused on:

- Current project status
- Project readiness
- Risks and schedule challenges
- Anticipated letting timelines



# Projects with August 2026 Letting

PROJECT / SPONSOR	FEDERAL AMOUNT	CATEGORY
<b>SH 99 NBFR</b> (Fort Bend County)	<b>\$17.8M</b>	<b>Cat 7 STBG</b>
<b>SH 99 SBFR</b> (Fort Bend County)	<b>\$17.6M</b>	<b>Cat 7 STBG</b>
<b>FM 528 at Sunset</b> (City of Friendswood)	<b>\$61K</b>	<b>Cat 7 STBG</b>
<b>Friendswood Pkwy / Pearland Pkwy</b> (City of Friendswood)	<b>\$3.63M</b>	<b>Cat 7 STBG</b>

# Projects with Targeted Fall 2026 Letting

PROJECT / SPONSOR	FEDERAL AMOUNT	CATEGORY	TARGETED LETTING TIMEFRAME
<b>TxDOT Signal Improvements</b> (League City)	\$3.9M	Cat 7 (STBG)	Sep-Oct 2026
<b>River Ranch Pkwy</b> (TxDOT Beaumont District)	\$1.0M	Cat 7 (STBG)	Oct 2026
<b>US 90 Relief Route</b> (TxDOT Beaumont District)	\$1.0M	Cat 7 (STBG)	Oct 2026
<b>SH 146</b> (TxDOT Beaumont District)	\$0.7M	Cat 7 (STBG)	Oct 2026
<b>FM 1409 Widening</b> (TxDOT Beaumont District)	\$0.5M	Cat 7 (STBG)	Oct 2026

# Projects with Targeted Late 2026/Early 2027 Letting

PROJECT / SPONSOR	FEDERAL AMOUNT	CATEGORY	TARGETED LETTING TIMEFRAME
<b>SH 96/FM 270</b> (City of League City)	\$2.7M	Cat 7 (STBG)	Jan 2027
<b>Seawall Blvd</b> (City of Galveston)	\$10.0M	Cat 7 (STBG)	Dec 2026-Feb 2027
<b>Stewart Rd</b> (City of Galveston)	\$6.5M	Cat 7 (STBG)	Dec 2026-Feb 2027
<b>Galveston ITS</b> (City of Galveston)	\$16.0M	Cat 5 (CMAQ)	Dec 2026-Mar 2027
<b>Sunset Blvd Signal</b> (City of Friendswood)	\$3.3M	Cat 7 (STBG)	Mar 2027

# Projects with Undefined or Uncertain Timelines

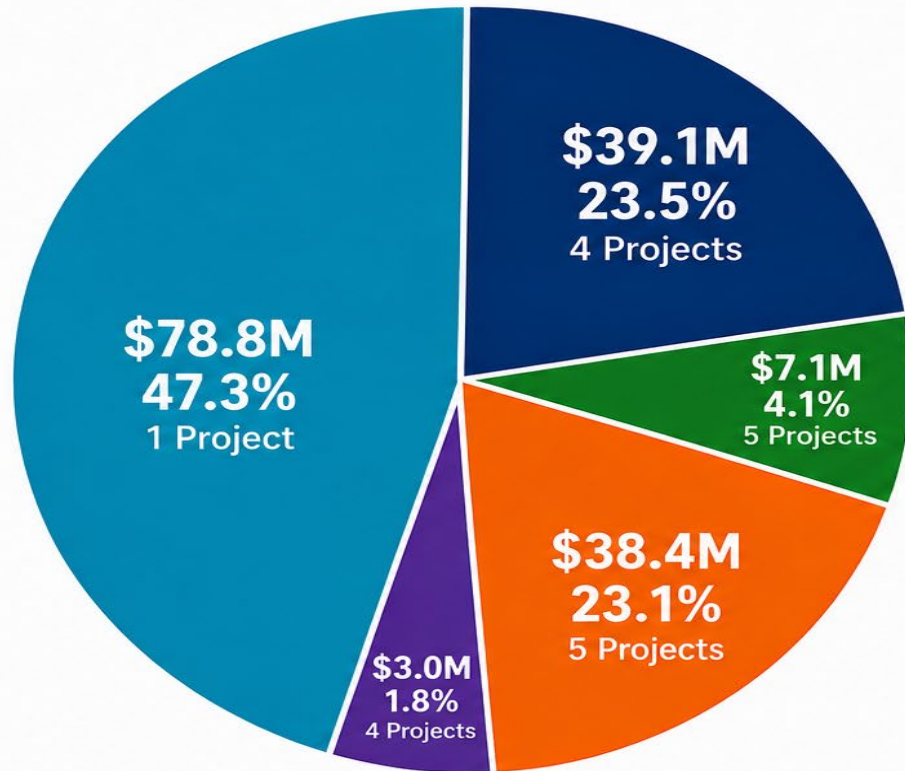
PROJECT / SPONSOR	FEDERAL AMOUNT	CATEGORY	CURRENT STATUS	TARGET LETTING TIMEFRAME
<b>Traffic Signal at 33rd St/SH 275</b> (City of Galveston)	\$540K	Cat 7 (STBG)	Railroad coordination and signal timing issues remain unresolved; schedule uncertain	Feb. – Mar. 2027*
<b>FM 518 &amp; FM 528 Intersection Improvements (Phase 2)</b> (City of Friendswood)	\$550K	Cat 5 (CMAQ)	Project advancement dependent on scope adjustment and coordination with related Phase 1 project	Undefined*
<b>FM 528 at Winding Way Intersection</b> (City of Friendswood)	\$678K	Cat 7 (STBG)	Utility conflicts and relocations expected to delay project schedule	Fall 2027*
<b>FM 528 at Bay Area Blvd Intersection</b> (City of Friendswood)	\$1.24M	Cat 7 (STBG)	Requires scope adjustment as current scope potentially impacts federally funded bike lane; TxDOT will not move forward with the project	Undefined*

\*Uncertainties associated with the estimated timeframe

# Letting Special Circumstance: City of Houston – TxDOT NHHIP

PROJECT / SPONSOR	FEDERAL AMOUNT	CATEGORY	CURRENT STATUS	TARGET LETTING TIMEFRAME
<b>IH69 / US59 NHHIP Cap and Connectivity Improvements (City of Houston)</b>	<b>\$78.8M</b>	<b>Cat 7 (STBG)</b>	<b>TxDOT Managed; Alignment with Segment 3A NHHIP; structural components integral to the overall segment of NHHIP</b>	<b>Oct. 2027</b>

# Summary



## ON TRACK FOR AUGUST 2026 LETTING

- 4 projects
- \$39.1 million
- 100% STBG (Category 7)

## TARGETED FALL 2026 LETTING

- 5 projects
- \$7.1 million
- 100% STBG (Category 7)

## LATE 2026 / EARLY 2027 LETTING

- 5 projects
- \$38.4 million
- Funded with \$16.0M CMAQ (Cat 5) and \$22.4M STBG (Cat 7)

## UNDEFINED / UNCERTAIN TIMELINES

- 4 projects
- \$3.0 million
- Funded with \$0.55M CMAQ (Cat 5) and \$2.45M STBG (Cat 7)

## SPECIAL CIRCUMSTANCE (NHHIP)

- 1 project
- \$78.8 million
- 100% STBG (Category 7)



**19**  
Total Projects



**\$166.5M**  
Total Authorized Budget

### FUNDING BY CATEGORY (OVERALL)



CMAQ (Cat 5):  
\$16.55M (9.9%)



STBG (Cat 7):  
\$149.95M (90.1%)

# Recommendations



- Allow additional time through **March 31, 2027** to complete obligation and letting activities.
- Projects that do not let or obligate by **March 31, 2027**, deprogrammed from the TIP, lose the COSD funding allocation, remain in the RTP and/or 10 year plan, and may re-compete in a future TIP call for projects.
- Allowing a special circumstance for continuation of COSD funding for the City of Houston project for IH 69/US 59 NHHIP Cap and Connectivity Improvement project

# Action Requested



- Request for Transportation Policy Council (TPC) approval of staff recommendations (listed below):
  - Allow additional time through **March 31, 2027** to complete obligation and letting activities.
  - Projects that do not let or obligate by **March 31, 2027**, will be deprogrammed from the TIP, lose the COSD funding allocation, remain in the RTP and/or 10-year plan, and may re-compete in a future TIP call for projects.
  - Allowing a special circumstance for continuation of COSD funding for the City of Houston project for IH 69/US 59 NHHIP Cap and Connectivity Improvement project.

# Contact



Sagnik "Nik" Raha  
Project Delivery Program Manager  
[Sagnik.Raha@h-gac.com](mailto:Sagnik.Raha@h-gac.com)  
346-299-2196



# Texas Triangle Multimodal Strategic Plan

Regional Changes in Mobility and the Economy

May 2026

Tyler Graham, Freight Systems Branch Manager

## Purpose of Texas Triangle Multimodal Strategic Plan

**1**

Understand regional multimodal mobility of people and goods

**2**

Improve the safety, efficiency, and resiliency of the multimodal network

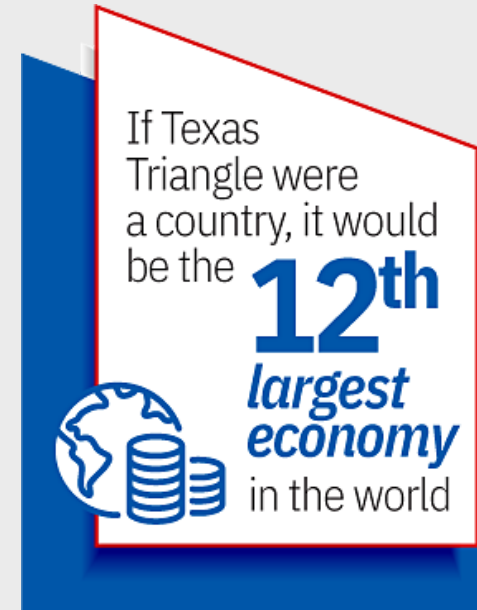
**3**

Develop strategies and policies to address mobility challenges

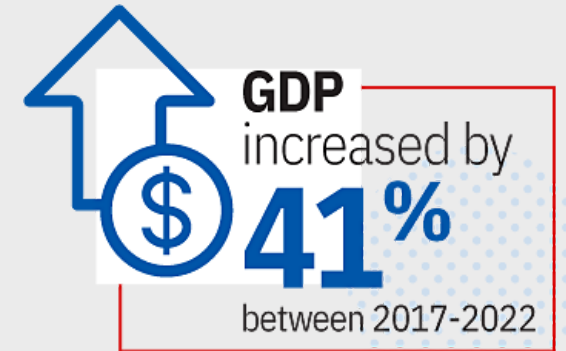

Keeping the **Texas economy moving and growing** means keeping people and goods moving **in the Texas Triangle**. Safe, efficient, and resilient mobility is critical to **maintaining the state's economic standing** and **competitiveness**.

## Triangle's Rise in the Global Economy

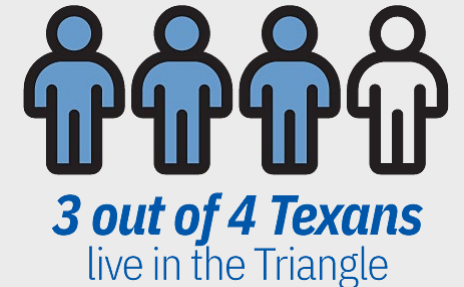

- In 2022, GDP was \$2.4 trillion, **larger than GDP of Russia or Canada**
- Triangle's ports and highways **facilitate 8% of all US foreign trade**
- Texas has received **more foreign direct investment than any other state** for the last 20 years
- Triangle makes up **77% of Texas's total economic output**




If Texas Triangle were a country, it would be the **12<sup>th</sup> largest economy** in the world



**GDP** increased by **41%** between 2017-2022



**3 out of 4 Texans** live in the Triangle



**10.4 million jobs**, making up **75%** of Texas's total employment

# Texas Triangle Economic Health

## *Gross Domestic Product (GDP) in the Texas Triangle Major Metro Areas*

Metro Area	GDP in 2022 (in billion USD)	Percent of Texas Triangle GDP	Percent of Tex as GDP	Percent Change in GDP (2017- 2022)
Austin	222.05	12%	9%	57%
Dallas-Fort Worth	688.93	37%	29%	42%
<b>Houston</b>	<b>633.60</b>	<b>34%</b>	<b>26%</b>	<b>35%</b>
San Antonio	163.06	9%	7%	37%
Total	1,707.64	93%	71%	41%

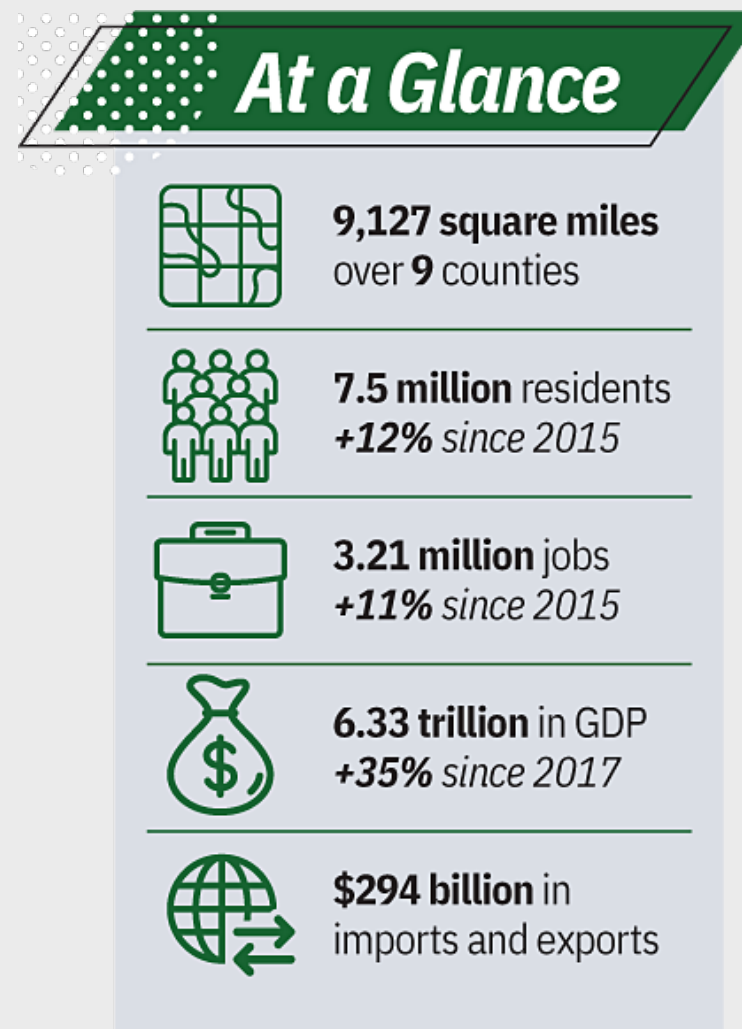
Source: Current dollar gross domestic product by county and metropolitan area, Bureau of Economic Analysis (BEA), 2022

# Houston's Industry and Workforce Location Quotient

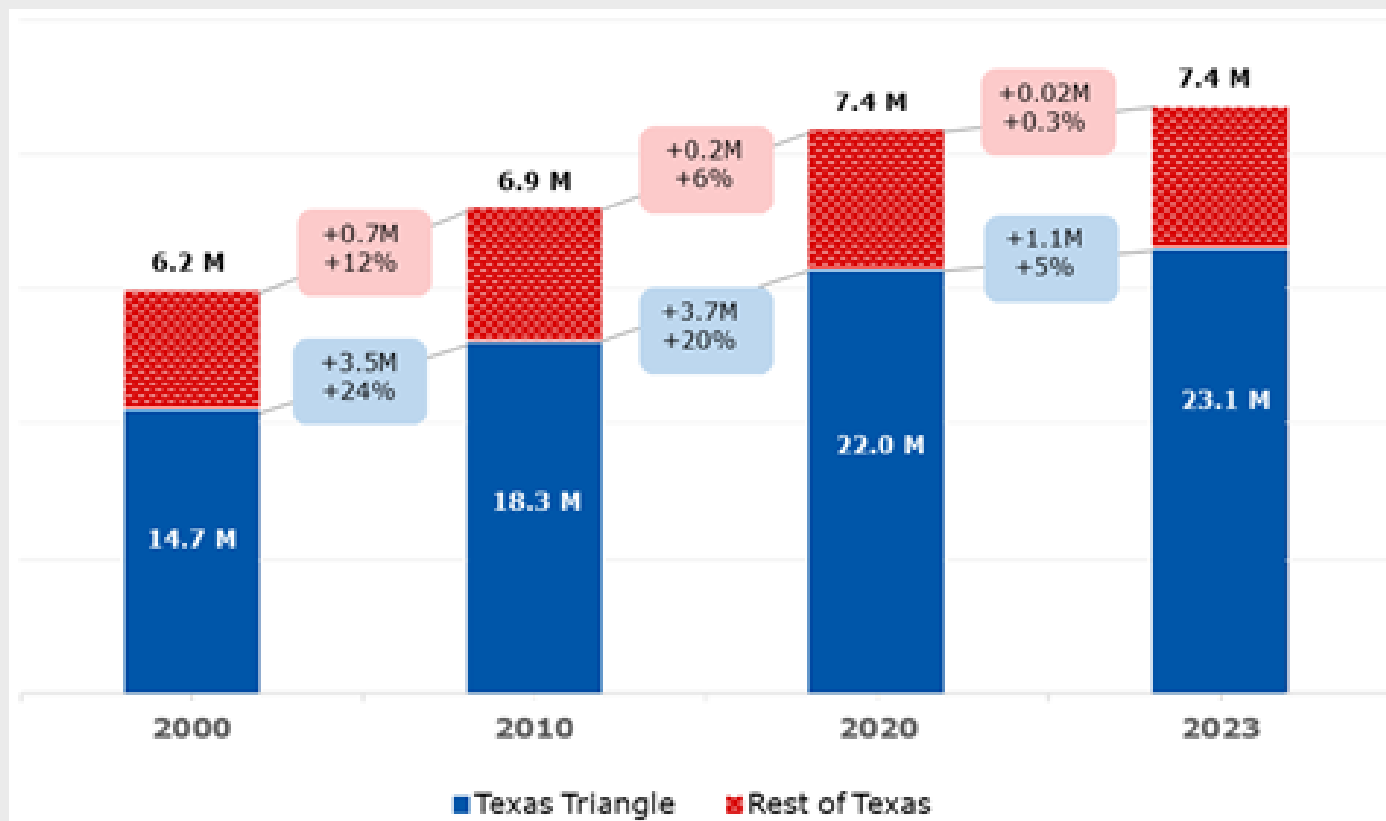
Industry	Location Quotient	Employment in 2023	Percent Change in Employment 2015-2023
<b>Total employment</b>	-	<b>3,211,791</b>	<b>11%</b>
Pipeline transportation of crude oil	15.29	3,872	34%
Oil and gas extraction	12.03	29,486	-42%
Pipeline transportation of natural gas	11.38	7,894	30%
Basic chemical manufacturing	7.02	22,954	11%
Support activities for mining	5.92	35,236	-20%
Support activities for water transportation	5.87	11,824	8%
Grocery and convenience retailers	1.11	66,081	17%
Employment services related to information	1.02	77,143	4%

## Houston-Pasadena-Woodlands

- In 2023, the MSA population totaled 7.5 Million, **over 35% of the Texas Triangle's major metro population**
- Greater Houston has experienced an **11% increase in employment** from 2015 to 2023
- Trade activity is substantially higher than other metros in the Texas Triangle, with Greater Houston handling **\$127 billion in imports and \$170 billion in exports** in 2022 alone.




# Population Growth: Texas Triangle versus Texas



Source: U.S. Census Bureau, 2000, 20210, 2020 and 2023 estimates

**18** of the 50 fastest-growing counties in the U.S. are in the Triangle



# Projected People Mobility Shifts



**+55%**

Projected population growth (2023-2050)

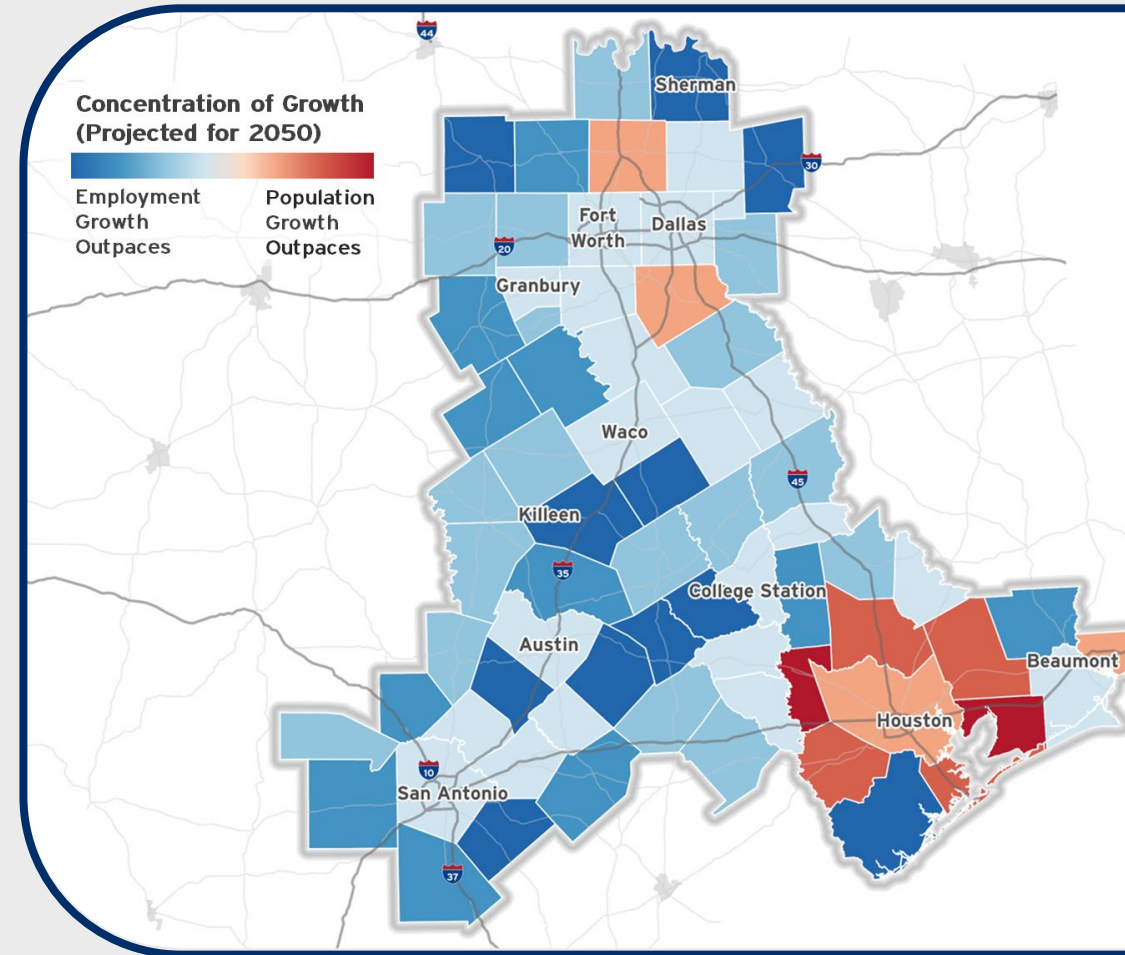


**+62%**

Projected employment growth (2023-2050)

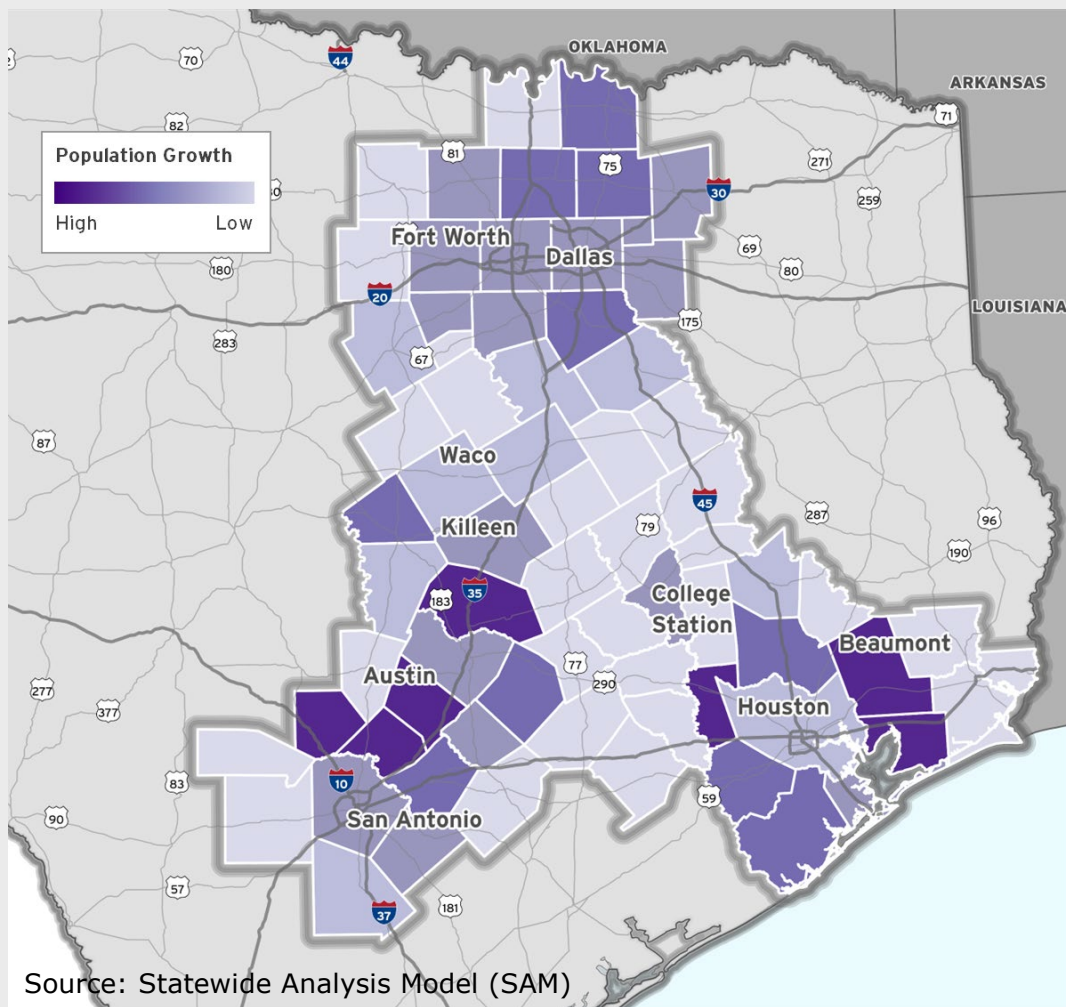
**Job growth will outpace population growth in majority of the counties in the Triangle by 2050**

- Austin, DFW, and San Antonio are seeing faster job growth, pulling workers from nearby counties
- **Houston Metro's population will grow faster than its jobs, leading to spillover commuting to nearby counties**
- Many surrounding counties are becoming commuter hubs, with more people traveling into job centers for work
- Travel demand is rising, adding pressure on regional roads and infrastructure



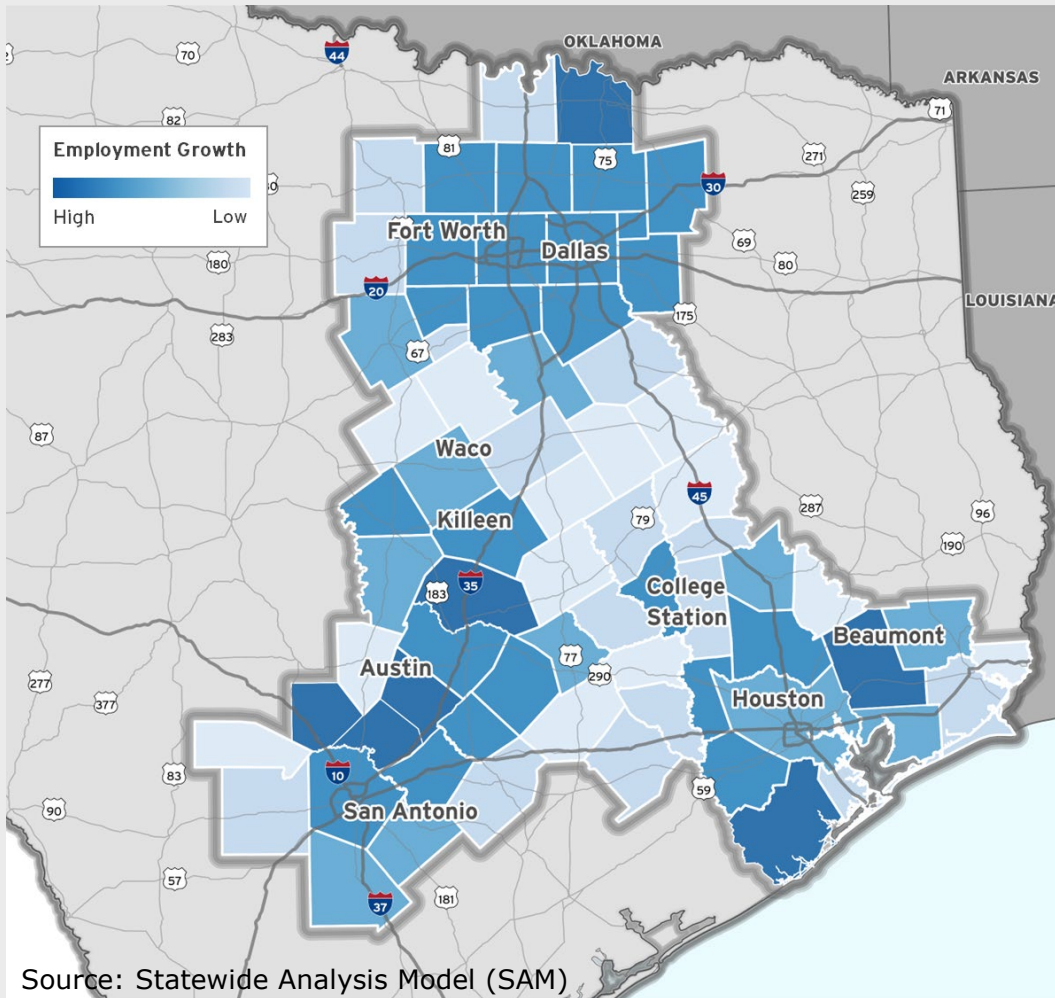
Source: Statewide Analysis Model (SAM), 2021

## Population Growth by County, 2021 – 2050



- Highest projected population growth anticipated in Hays, Comal, Williamson and Kendall counties near Austin, and **Walker, Liberty and Chambers counties outside of Houston**
- Significant growth in counties bordering primary metro areas
- Secondary metro areas are projected to have moderate growth

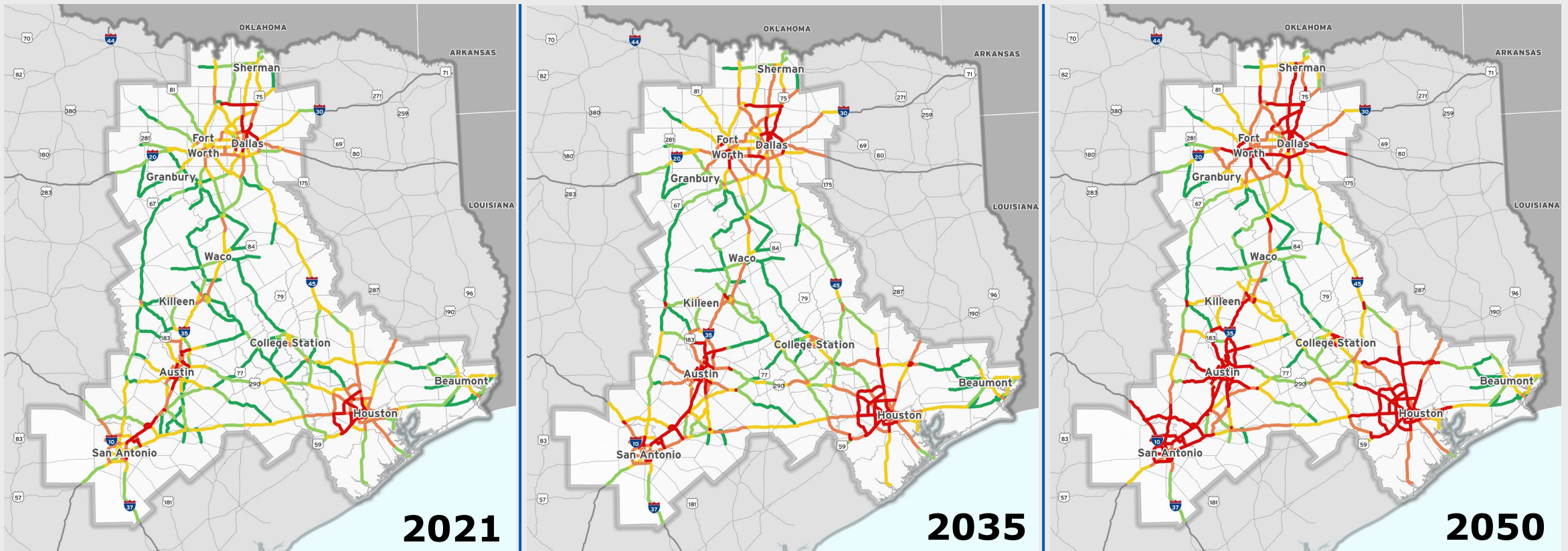
## Employment Growth by County, 2021 – 2050



- Highest growth in suburban counties
- Metro areas to experience moderate growth
- Major growth along most of I-35 corridor

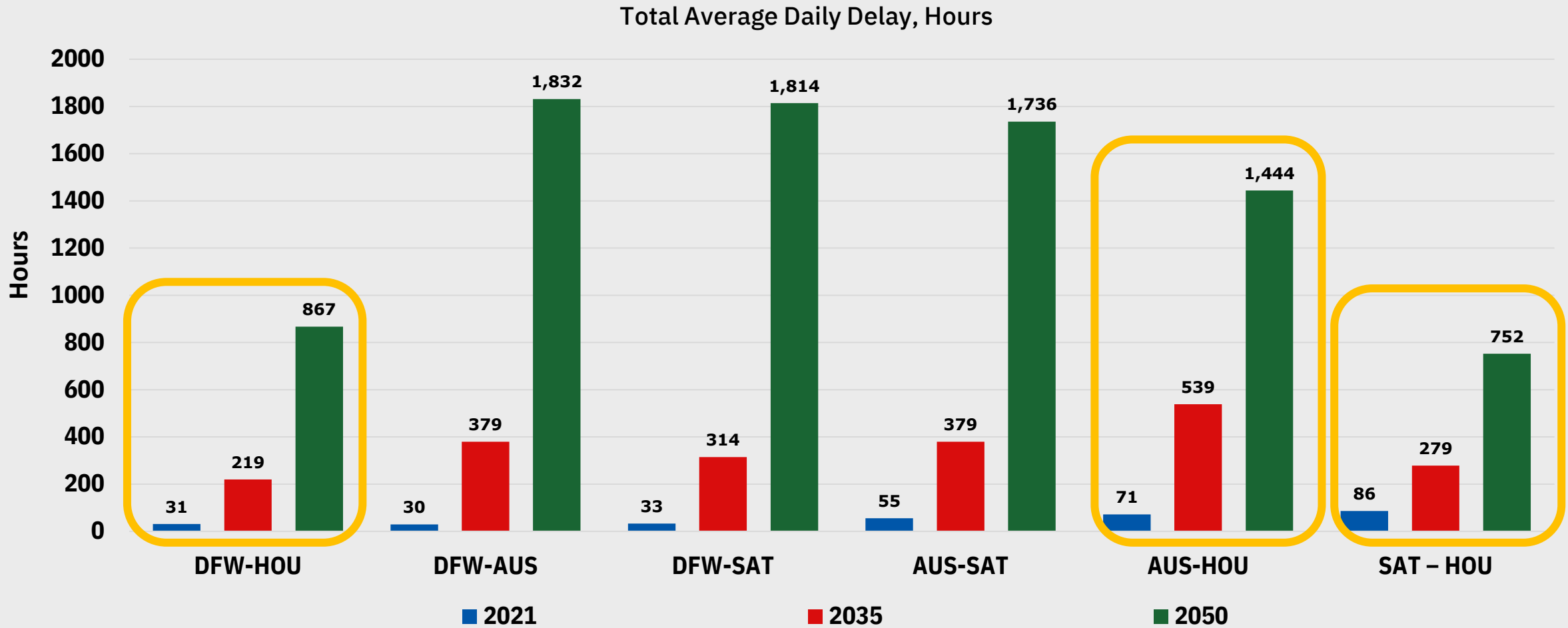
# Growth Pressures in the Texas Triangle

## Available Capacity



Source: Statewide Analysis Model (SAM)

# Hours of Delay

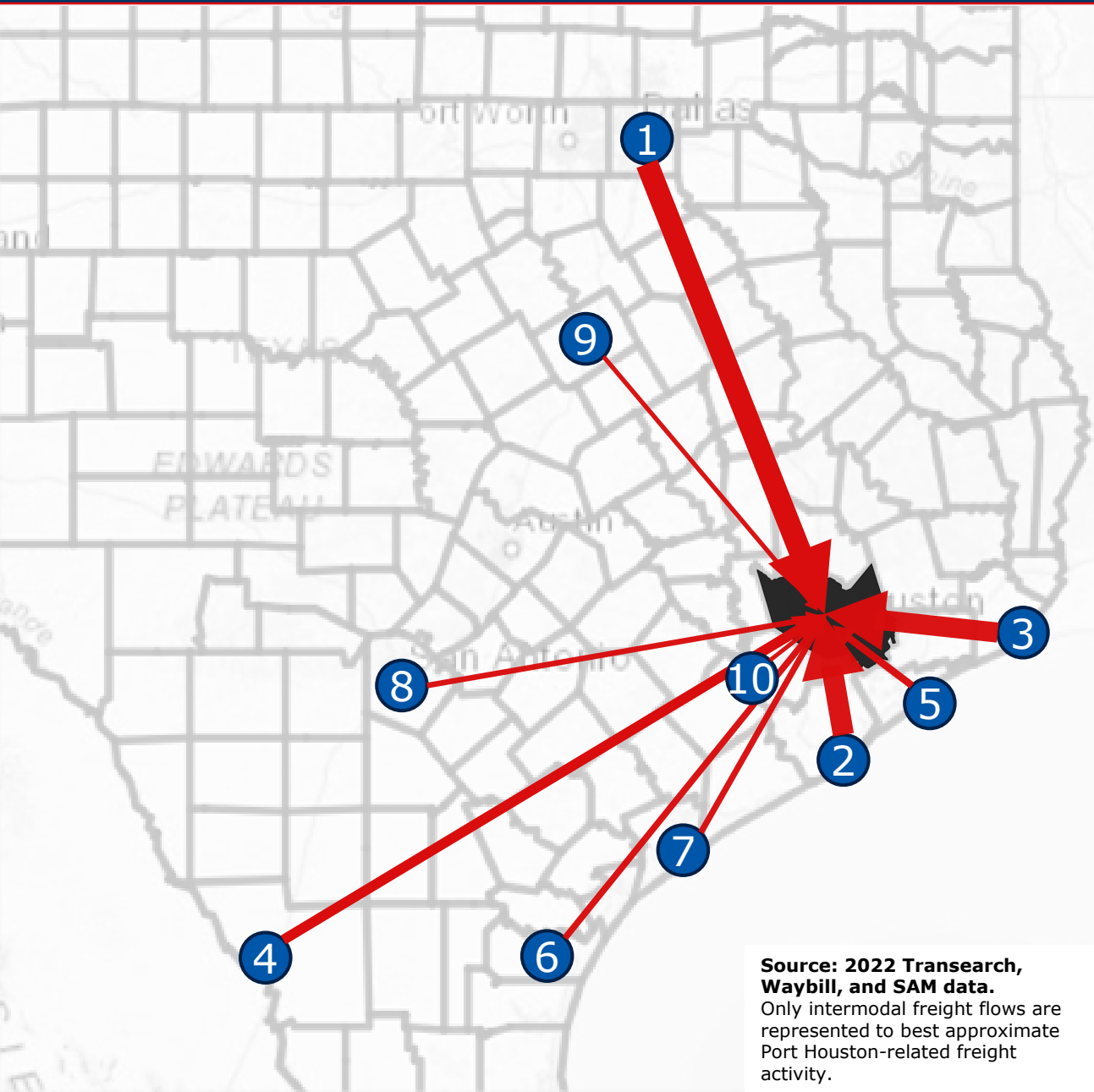


Source: TTMSF Executive Briefing March 2026

## Texas Triangle Ports Ranked in Nation's Top 25 Ports

Port name	Cargo rank (in Tonnage)	Container rank (in TEU*)	Dry Bulk rank (in Tonnage)
Houston	1	6	9
Beaumont	7	-	-
Port Freeport	15	-	-
Port Arthur	16	-	-
Texas City	23	-	-

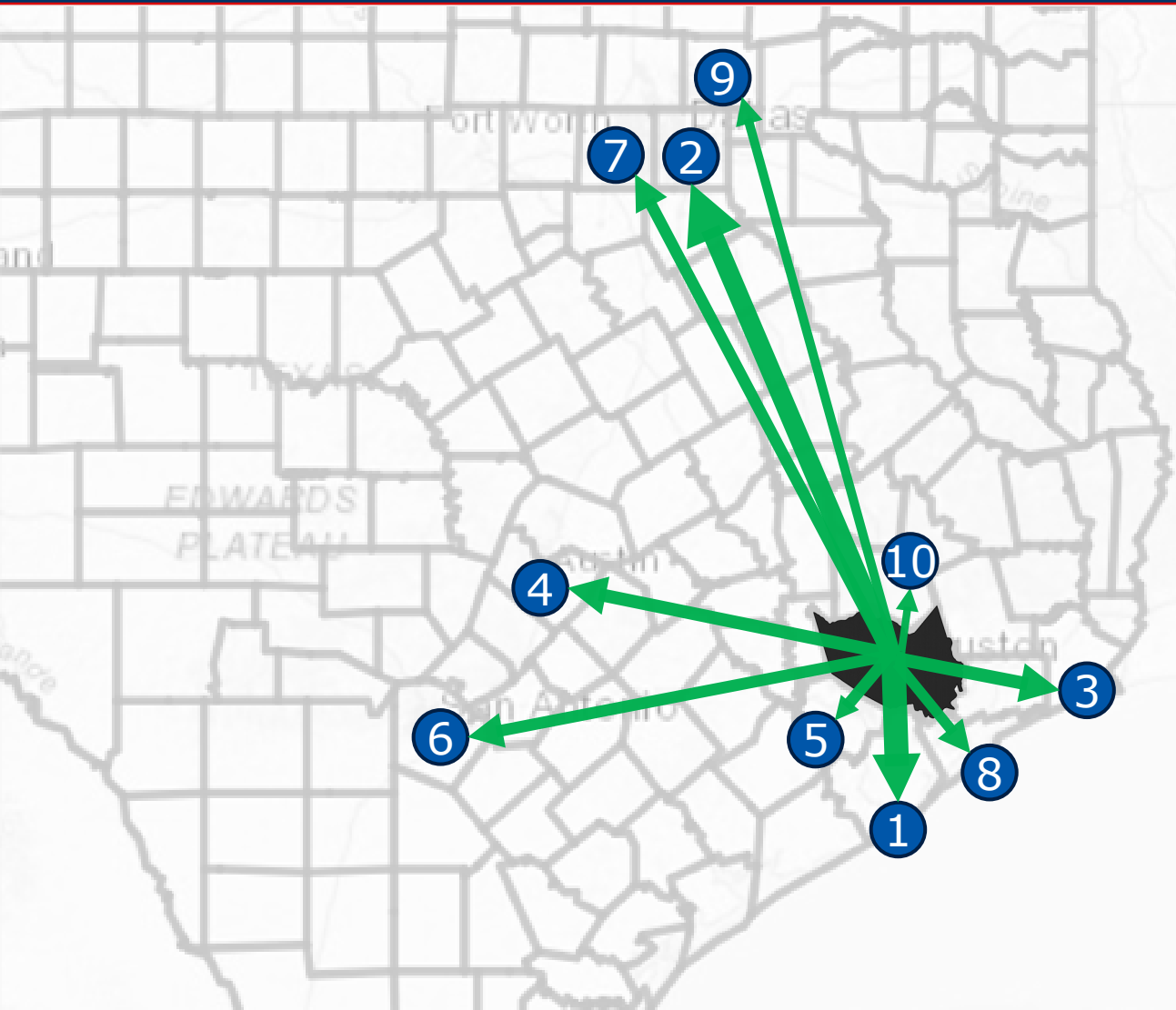
Source: Port Performance Freight Statistics Annual Report 2024, Bureau of Transportation Statistics



## Top 10 Texas Container Freight Origins from Port Houston area, by Tonnage, 2022

Rank	Destination	Tons	AADTT (Est.)
1	Dallas County	2,356,606	320
2	Brazoria County	2,203,647	309
3	Jefferson County	2,102,197	286
4	Webb County	1,067,635	145
5	Galveston County	759,577	109
6	Nueces County	672,122	92
7	Calhoun County	639,585	87
8	Bexar County	585,820	80
9	McLennan County	476,729	66
10	Fort Bend County	446,076	74

**Source: 2022 Transearch, Waybill, and SAM data.**  
 Only intermodal freight flows are represented to best approximate Port Houston-related freight activity.



## Top 10 Texas Container Freight Destinations from Port Houston area, by Tonnage, 2022

Rank	Destination	Tons	AADTT (Est.)
1	Brazoria County	2,939,264	403
2	Dallas County	2,387,525	335
3	Jefferson County	1,598,739	219
4	Travis County	1,573,238	220
5	Fort Bend County	1,434,505	204
6	Bexar County	1,425,889	201
7	Tarrant County	1,425,160	198
8	Galveston County	1,292,124	178
9	Collin County	1,117,599	158
10	Montgomery County	926,202	134

**Source: 2022 Transearch, Waybill, and SAM data.**  
 Only intermodal freight flows are represented to best approximate Port Houston-related freight activity.

# Thank You Questions?

## Contacts

- TxDOT TTMSP PM
  - Tyler Graham  
[Tyler.Graham1@txdot.gov](mailto:Tyler.Graham1@txdot.gov)
- TxDOT TTMSP DPM
  - David Mass  
[David.Mass@txdot.gov](mailto:David.Mass@txdot.gov)



# Item 12. Hurricane Awareness

## Be ready before the storm



Transportation Policy Council  
May 22, 2026

# Lessons Learned

## Hurricane Rita - September 2005



AP Photo/ RICK BOWMER



AP Photo/ Paul Sancya

# Collaboration is Key



## Hurricane Planning Partners:

- Texas Department of Public Safety.
- Local Offices of Emergency Management across the region.
- TxDOT Houston and Beaumont Districts.
- Harris County Flood Control District.
- Non-profit organizations.
- And many more.

# Encouraging Communities



MAKE A  
PLAN

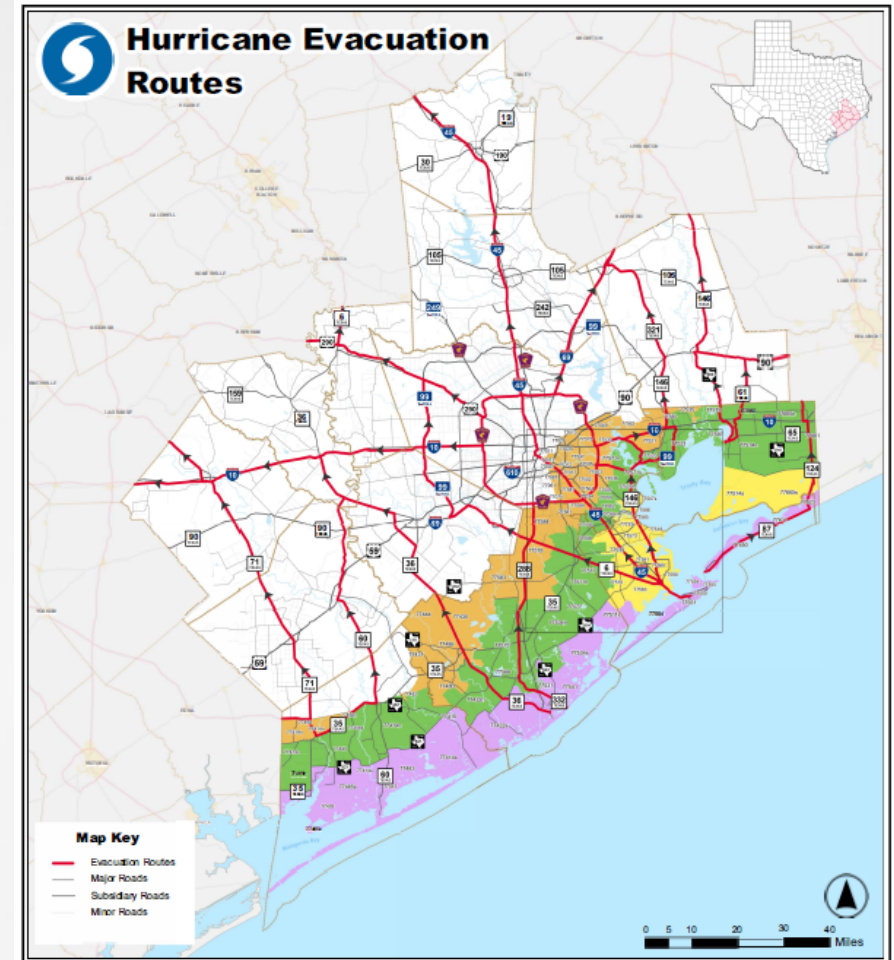
- Maps (Evac Zones / Routes)
- Hurricane Guide
- Senior & Vulnerable Populations Supplement

BUILD A KIT

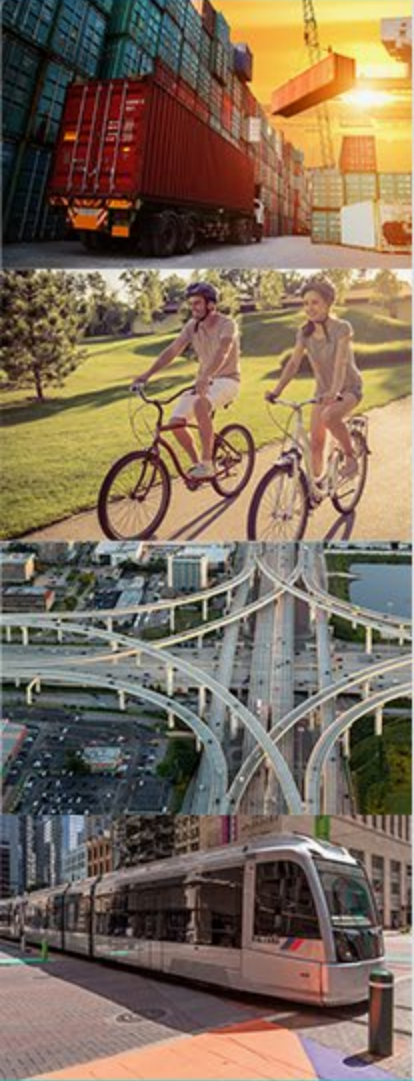
- Preparedness kit checklist
- Pet boarding checklist

STAY  
INFORMED

- Weather forecasting
- Houston TranStar (Roadway Conditions)
- Directions from Local Officials



# Contact Information



**Francis Rodriguez**  
**Principal Program Coordinator**

[Francis.Rodriguez@h-gac.com](mailto:Francis.Rodriguez@h-gac.com)

713-993-2437



# Item 13. 2050 RTP Call for Projects Criteria



Transportation Policy Council  
May 22, 2026

# We Are Here

CONSTRUCTION &  
IMPLEMENTATION

PROJECT  
DEVELOPMENT

VISION  
PLANNING



# RTP 2050 Core Goals

## ViSiON

A world class innovative and integrated transportation network that moves people and goods efficiently, reduces travel time, preserves the environment, ensures safety, and accessibility for all.

### Safety

#### GOAL 1

Prioritize safety for all users by eliminating fatalities and serious injury due to crashes.

### Optimized Mobility & Economic Vitality

#### GOAL 2

Develop a reliable transportation system that supports economic growth by moving people and freight seamlessly, minimizing congestion and reducing travel times.

### Integrated & Innovative Network

#### GOAL 3

Improve regional connectivity and ensure accessibility for all by integrating multimodal options and applying unique and cutting-edge solutions and technologies.

### Resiliency & Adaptability

#### GOAL 4

Develop a transportation system that minimizes adverse environmental impacts while withstanding and quickly recovering from disruptions.

# RTP2050 Call for Projects Criteria

## GOAL 1: SAFETY

Prioritize safety for all users by eliminating fatalities and serious injuries due to crashes.

### Reduction in fatalities and severe injuries across different modes

- Does the project include any safety counter measures?
- Average crash rate/Number of crashes
- Facility Type Improvement - Crash reduction factor
- Is the project located in a top 100 crash segment or intersection?

### Reduction in collisions involving bicyclists & pedestrians

- Do you expect this project to reduce vehicle-bike/pedestrian collisions?

# RTP2050 Call for Projects Criteria

## GOAL 2: OPTIMIZED MOBILITY AND ECONOMIC VITALITY

Develop a reliable transportation system that supports economic growth by moving people and freight seamlessly, minimizing congestion, and reducing travel times.

### Improve multimodal access to various destinations

- Does this project improve access to any of the following: parks, medical facilities, existing and proposed job centers, tourist destinations, major regional activity centers?

### Improve mobility for freight

- Is the project expected to improve truck travel time reliability?

### Improve mobility for commuters

- Is the project on a top 100 congested truck or commuter route?
  - If not, has it been identified as a congested route using the COMPAT tool?

# RTP2050 Call for Projects Criteria

## GOAL 3: INTEGRATED & INNOVATIVE NETWORK

Improve regional connectivity and ensure accessibility for all by integrating multimodal options and applying unique and cutting-edge solutions and technologies.

**Increase in destinations accessible within 30-minute transit and improved travel times for other modes**

- Will the project add new transit service/ improve transit, or add/improve access to bike/ improve access to the pedestrian network?

**Increase in multimodal access**

- Do you expect this project to improve multimodal access on an existing facility or connect between two or more modes?

**Increase in transportation access or network connectivity due to new or existing technology.**

- Do you expect the introduction of new technology or the use of existing technology in new ways to improve transportation access?

**Reduction in emissions and improved air quality**

- Do you expect this project to reduce emissions from the transportation system or improve air quality?

# RTP2050 Call for Projects Criteria

## GOAL 4: RESILIENCY AND ADAPTABILITY

Develop a transportation system that minimizes adverse environmental impacts while withstanding and quickly recovering from disruptions.

### Reduction in transit service delays due to extreme weather events

- Is this located within a critically vulnerable area?
  - Or any area identified as having persistent vulnerability to extreme weather event?

### Improved adaptability of the transportation system

- Is the project creating a redundant or alternate route to improve or maintain service during and after an extreme weather event?

### Transportation facilities and assets upgraded for extreme weather protection and emergency preparedness planning

- Is the project identified in an emergency management or mitigation plan?

### Reduction in environmental impacts of the transportation system

- Do you expect this project to reduce environmental impacts of the transportation system?

# RTP2050 Call for Projects Criteria

## PROJECT STATUS

Information collected to help identify the horizon year of the project

### For chronological prioritization only

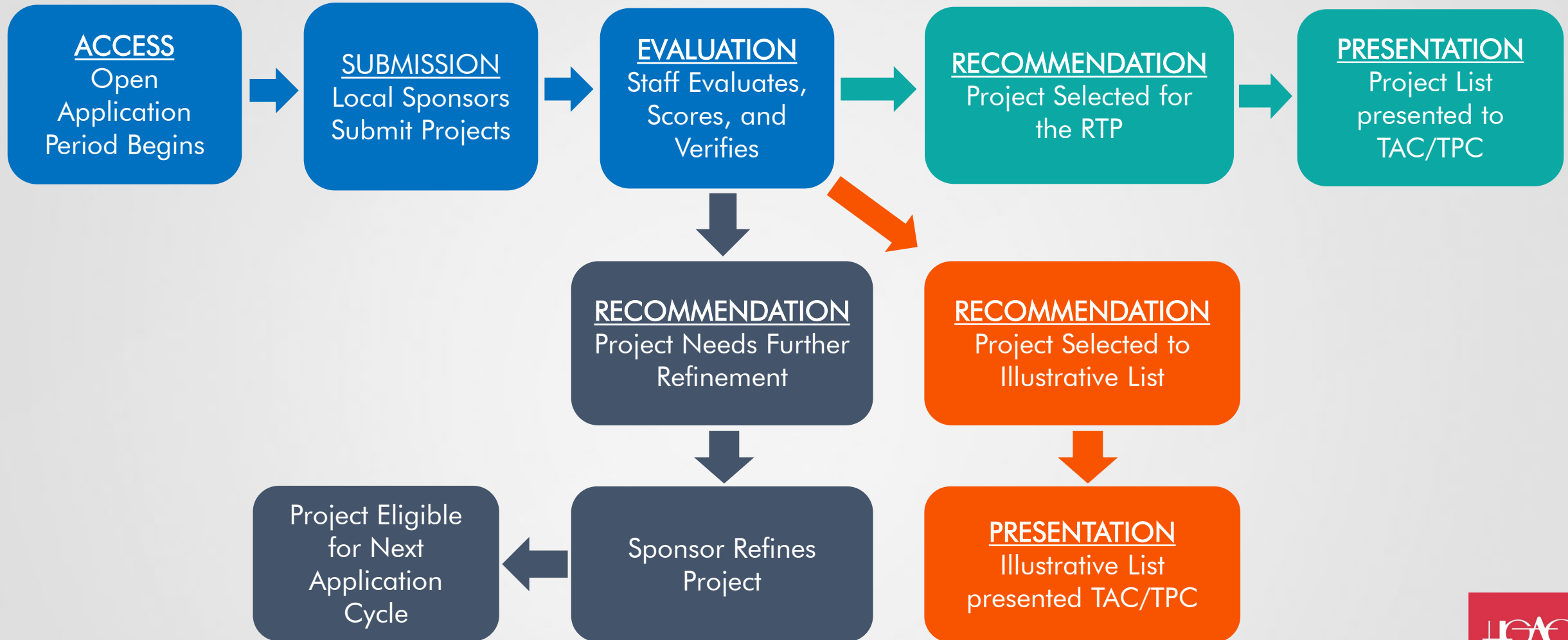
- Is there a study for this project that is planned, underway or completed?
- Has funding been identified or committed to a study?
- Is this project in an approved plan?
- Has the project undergone public review?
- Is the project regionally significant?

# RTP 2050 Evaluation



- Sponsors will submit applications via the online portal.
- Evaluation scoring will be cumulative.
- Each section will be assigned 20 points.
  - Total possible points of 100.
- Each goal will require a narrative response.
- Projects will be prioritized based on total points and narrative.
- Sponsor will be provided resources via H-GAC website to help respond to questionnaire.

# RTP Call for Projects Flowchart: Snapshot



# Staff Contact



***Brandon Mosley***

Principal Planner

[Brandon.Mosley@h-gac.com](mailto:Brandon.Mosley@h-gac.com)

713-993-4576

***Brian P. Alcott, P.E.***

RTP Subcommittee Chair

[Brian.Alcott@hctra.org](mailto:Brian.Alcott@hctra.org)