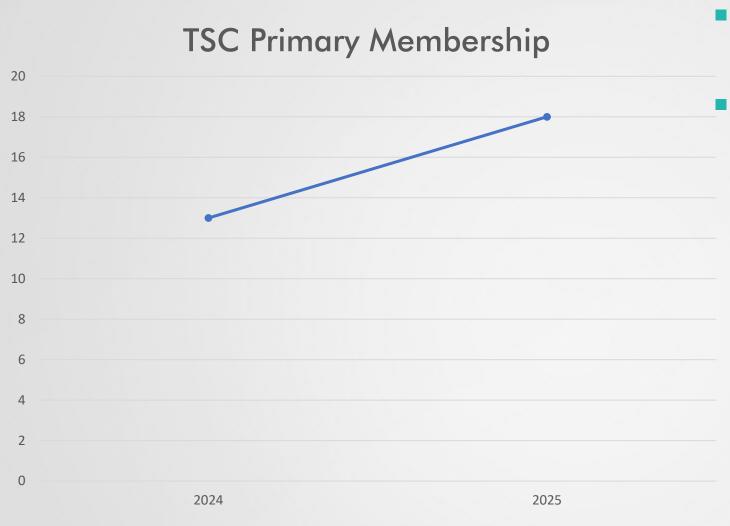


Transportation Safety Committee (TSC) Membership



- 31 % increase in primary members. Near 80% capacity
 - Vacant positions in following categories:
 - Health/ Education/ Social Services/
 Advocacy Groups or Interested Citizens
 - Public Transit/ State/ City/ County/ Engineering and Planning
 - **1** Private Shippers and Carriers



Key Performance Indicators/Performance Metrics



- Researching regional indicators and metrics that have correlation to improving safety
 - Traditional/Infrastructure/Design
 - Behavioral
 - Environmental
- Goal: Monitor throughout year to be more proactive and agile



State-of-Knowledge on Distracted Driving Due to Portable Electronic Device Use: 2008 – 2022 Update



DOT HS 813 717

Large Trucks

In this fact sheet for 2023 the information is presented as follows.

- Overview
- Crash Characteristics
- <u>Drivers</u>
- State

A large truck as defined in this fact sheet is any medium or heavy truck, excluding buses and motor homes, with a gross vehicle weight rating (GVWR) greater than 10,000 lb. These large trucks include both commercial and non-commercial vehicles.

Key Findings

- In 2023 there were 5,472 people killed in traffic crashes involving large trucks. This was an 8-percent decrease from 5,969 in 2022.
- Seventy percent of people killed in large-truck traffic crashes in 2023 were occupants of other vehicles.
- Seventy-six percent of the fatal traffic crashes involving large trucks in 2023 occurred on weekdays (6 a.m. Monday to 5:59 p.m. Friday).
- Four percent of drivers of large trucks involved in fatal traffic crashes in 2023 had blood alcohol concentrations (BACs) of .08 grams per deciliter (g/dL) or higher, much lower than drivers of other vehicle types (26% for motorcycles, 24% for passenger cars, and 20% for light trucks).
- Drivers of large trucks involved in fatal traffic crashes in 2023 had the second highest percentage (19.4%) of previously recorded traffic crashes compared to drivers of other vehicle types (motorcycles, 19.8%; passenger cars, 17.0%, and light trucks, 15.5%).
- In 2023 drivers of large trucks in fatal traffic crashes were less likely (6.4%) to have previous license suspensions or revocations than other vehicle types (motorycles, 16.4%; passenger cars, 12.2%; and light trucks, 9.8%).

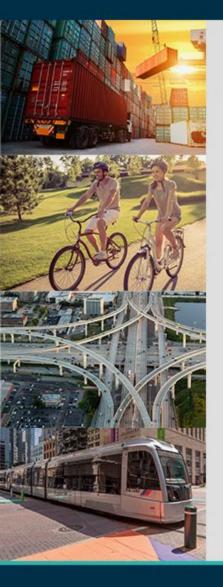
This fact sheet contains information on fatal motor vehicle traffic crashes based on data from the Fatality Analysis Reporting System (FARS) and non-fatal motor vehicle traffic crashes from the National Automotive Sampling System (NASS) General Estimates System (GES) and Crash Report Sampling System (CRSS). Results from FARS, such as fatal crashes and fatalities, are actual counts, while results from NASS GES and CRSS, such as non-fatal crashes and people injured, are estimates. Refer to the end of this publication for more information on FARS. NASS GES, and CRSS.

Due to a vehicle classification change, the 2020 and later-year vehicle type classifications are not comparable to 2019 and earlier-year vehicle type classifications. This change affects any analysis with a vehicle component to it. Refer to the end of this publication for more information on Product Information Catalog and Vehicle Listing (vPIC).

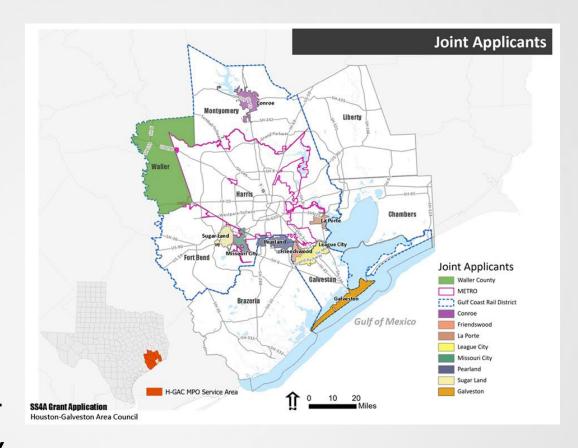
U.S. Department of Transportation 1200 New Jersey Avenue SE, Washington, DC 20590 NHTSA's National Center for Statistics and Analysis



Status of Plans and Studies



- State of Safety Reports
 - Analyzing layout and format
 - Full technical report
 - Executive summary
 - Fact Sheet/Brochure
 - Collecting data
 - Expand data sets for better insights
 - Identify root causes
- Safety Action Plans
 - Finalizing consultant contract
 - Project kick off anticipated by July 2025





Questions?



H-GAC Senior Safety Planner

- Keehren Baah, AICP
 - Email: Keehren.Baah@h-gac.com
 - Phone: 346-826-9015

Transportation Safety Committee Chair

- Robert Benz, P.E. (Chair)
 - Email: <u>r-benz@tamu.edu</u>
 - Phone: 713-613-9218





2025-2028 TIP Amendments

- Update description of H-GAC's FY 2025-2028 Regional Freeway Incident Management program (MPO ID 18856) & move from FY 2025 of TxDOT's Statewide Safety Program into FY 2025 of the TIP.
- Add \$1.4M of federal STBG funds and additional 273K TDCs to Montrose Redevelopment Authority's Safe Routes to School (MPO ID 19037) to cover increased cost estimates. Change phase to 'Transfer'.



Action Requested

 Transportation Advisory Committee recommendation for Transportation Policy Council approval of Resolutions 2025-15 and 2025-16





- Is a two-year plan that runs 10/1/2025-09/30/2027
- Describes the regions transportation plans and programs.
- Describes the transportation related air quality planning activities.
- Is the plan where changes in regional transportation planning priorities are identified.
- Accounts for the various funding streams related to planning projects.





Task I: Administration and Management

Task II: Data Development and Maintenance

Task III: Short Range Planning

Task IV: Metropolitan Planning

Task V: Special Planning Projects





- TASK I: Administration and Management
 - Daily Administration and operations tasks for the MPO
 - American Disabilities Act (ADA) Program-Support for local government Transition Plans
 - Disadvantaged Business Enterprise (DBE) Program-Triennial DBE Goal development and DBE reporting
 - UPWP Development and Maintenance, Annual Performance Expenditure Report, Amendments
 - Buy America policy program
 - Public Policy and Governmental Affairs
 - Support TAC and TPC
 - Support local governments (subcommittees, workshops, special meetings, etc.)
 - Public Involvement
 - Support the public participation and engagement
 - Develop the Public Participation Plan
 - Public Comments





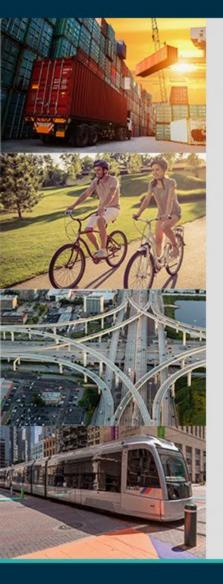
- TASK II: Data Development and Maintenance
 - Supports Travel Demand Modeling Activities.
 - Provides Transportation Modeling to assist regional planning efforts.
 - Provides the technical and analytical support for local governments and other agencies in the region.
 - Provides data development and GIS support including GIS based mapping.
 - Provides the region with socioeconomic data and models.
 - Provides information services and analytical support to planning activities in the region.





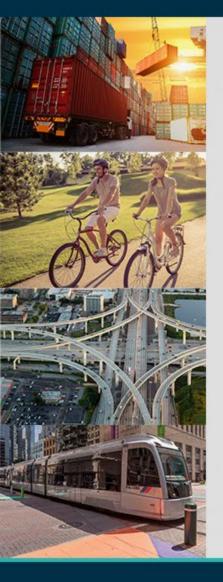
- TASK III: Short Range Planning
 - Supports Transportation Improvement Program (TIP) activities.
 - Supports project evaluation and prioritization- working with the state and local sponsors.
 - Support for the 10-year plan and the RTP development.
 - Supports transit coordinated planning including regional transit agency coordination planning assistance.
 - Supports air quality planning, conformity, and emissions reduction planning
 - Supports evacuation planning for the region-hurricane evacuation planning.





- TASK IV: Metropolitan Transportation Plan
 - Supports the Regional Transportation Plan (RTP) and project planning.
 - Supports RTP development
 - Supports project development and mitigation planning
 - Supports thoroughfare planning, freight planning, and subregional planning.
 - Support for performance measure reporting
 - Supports regional transit planning and local area transit studies.
 - Support active transportation-ped/bike planning efforts, reporting, and outreach.



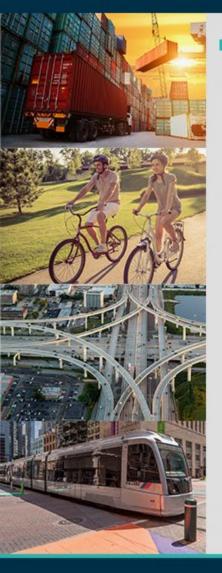


- TASK V: Special Planning Projects
 - Support for regional safety planning
 - Supports safety performance measures, analysis, and reporting for the region.
 - Supports safety outreach activities.
 - Support congestion management planning and operations.
 - Supports development of travel demand management strategies.
 - Supports regional incident management
 - Supports Livable Centers planning and activities
 - Supports corridor studies and other special studies within the region.



- Highlighted UPWP Planning Activities
 - Thoroughfare Planning
 - Liberty County Thoroughfare
 - Galveston County Thoroughfare
 - Waller County Thoroughfare
 - Corridor Planning
 - City of Needville Mobility Plan
 - Montgomery County Mobility Plan
 - Freight
 - FM197Grade Separation Planning Study
 - Regional Goods Movement Update





- Funding Sources
 - Transportation Planning Funds (TPF)
 - Surface Transportation Block Grant (STBG)
 - TxDOT State Funds
 - Federal Transit Administration (FTA)
 - Other Local





 UPWP Funding Estimate- the estimated budget request is between \$20M-\$25M.

Estimated STBG Funds of \$14M.

- Reasons for UPWP budget increase:
 - Additional Staff and Resources
 - More plans and studies in the UPWP (due to STBG decrease)
 - Inflation in the cost of delivering plans, studies, and activities.





THE STATE OF	Task	Timeframe (2025)
	UPWP Call for Projects Open	Ongoing
	Initial Draft to TxDOT	May 1
	Draft to TAC/TPC (Information)	May 14
	Public Comment Period Open	May 15-June 15
	Public Meeting	May 15
	Public Comment Period Closed	June 15
	Final Draft To TAC/TPC (Action)	June 18
III	Submit to TxDOT	July 1
	UPWP Start	October 1







Virtual Public Meetings



Two session offerings available. 10:30 a.m. and 5:30 p.m. Thursday, May 15, 2025

Public Comments: UPWPPublicComments@h-gac.com

On our H-GAC.com calendar at these links:

10:30 AM https://www.h-gac.com/calendar?id=-1999991783

5:30 PM https://www.h-gac.com/calendar?id=-1999991782

Contact: Neely.Kim@h-gac.com





Federal Transit Funding - Background

- Federal participation in transit funding occurs through Federal Transit Administration (FTA) grants to transit providers
 - These funds oftentimes represent a significant share of transit provider revenue and are critical to the provision of transit services
- FTA formula funds based on factors such as population and passenger miles
 - Different than discretionary funds, which are competitive grants
- Funding appropriations are "off-cycle" with respect to TIP
 - Require TIP amendments as FTA releases annual appropriations
- These funds have a "clock" they can be rescinded if not used within specified time period



FTA Formula Grant Types

- § 5307 Urbanized Area Formula Grants: assistance for transit systems in UZAs (capital, planning and operating in certain circumstances)
- § 5310 Enhanced Mobility of Seniors and Persons with Disabilities: assistance for meeting the needs of the elderly and persons with disabilities
- § 5311 Formula Grants for Rural Areas: assistance for public transportation in rural areas (< 50,000 population)
- § 5337 State of Good Repair: assistance for maintenance of vehicles, guideways, stations, equipment, etc.
- § 5339 Buses and Bus Facilities Formula Program: assistance to replace, rehabilitate and purchase buses and bus-related equipment

Urbanized Areas - Background

- Areas with heavy urban or suburban development are designated "Urbanized Areas" (UZAs) by the Census Bureau and DOT
- UZAs do not necessarily align with municipal, county or transit provider service boundaries
- UZAs are a basis by which FTA distributes formula funds
 - Large UZA (Population of 200,000 or more in 2020): Local designated recipient programs funds
 - Small UZA (population of 50,000 199,999 in 2020): State programs funds
 - Rural: State programs funds



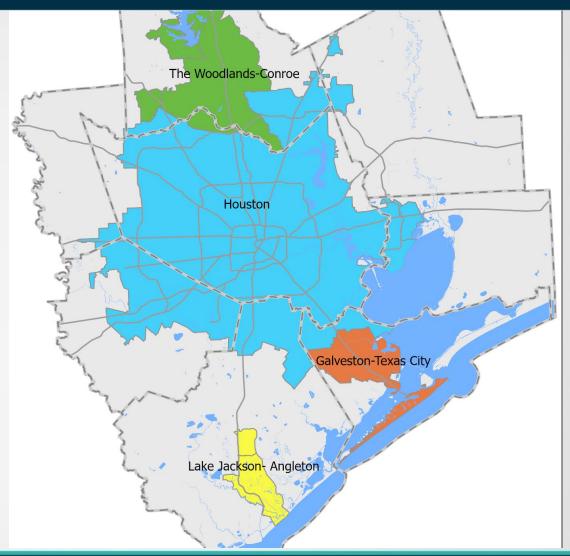
Urbanized Area Boundaries

Large UZA:

- Houston
- The Woodlands Conroe

Small UZA:

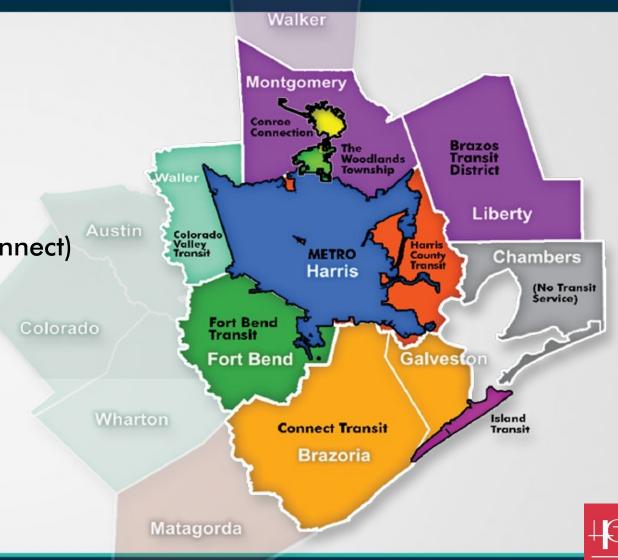
- Galveston Texas City
- Lake Jackson Angleton





Regional Transit Service Providers

- METRO
- Island Transit (Galveston)
- Brazos Transit District
- Colorado Valley Transit District
- Gulf Coast Transit District (formerly Connect)
- Conroe Connection Transit
- Fort Bend County
- Harris County
- The Woodlands Township



ORGANIZATION

Designated Recipients vs Subrecipients

- FTA distributes formula funds to UZAs through designated recipients
 - METRO is designated recipient for Houston UZA
 - Conroe and The Woodlands are Dual-Designated Recipients for their UZA
 - Designated recipient for small UZAs and rural areas is TxDOT
- Subrecipients can be other transit providers or NGOs
 - METRO's subrecipients include Harris County Transit and Fort Bend Transit
 - Human service agencies, nonprofits, etc. can receive funds (e.g. 5310 funds for accessible vans, sidewalks, etc.) through Call for Projects



FTA State and Metro Planning Grants

The MPO receives formula funds to conduct multimodal transportation planning activities:

- § 5303 Metropolitan Planning
- § 5304 Statewide Planning
- § 5305 Planning Programs

Funds are apportioned to states by a formula that includes each state's urbanized area population as well as other factors. These funds, in turn, are sub-allocated by state DOTs to MPOs.



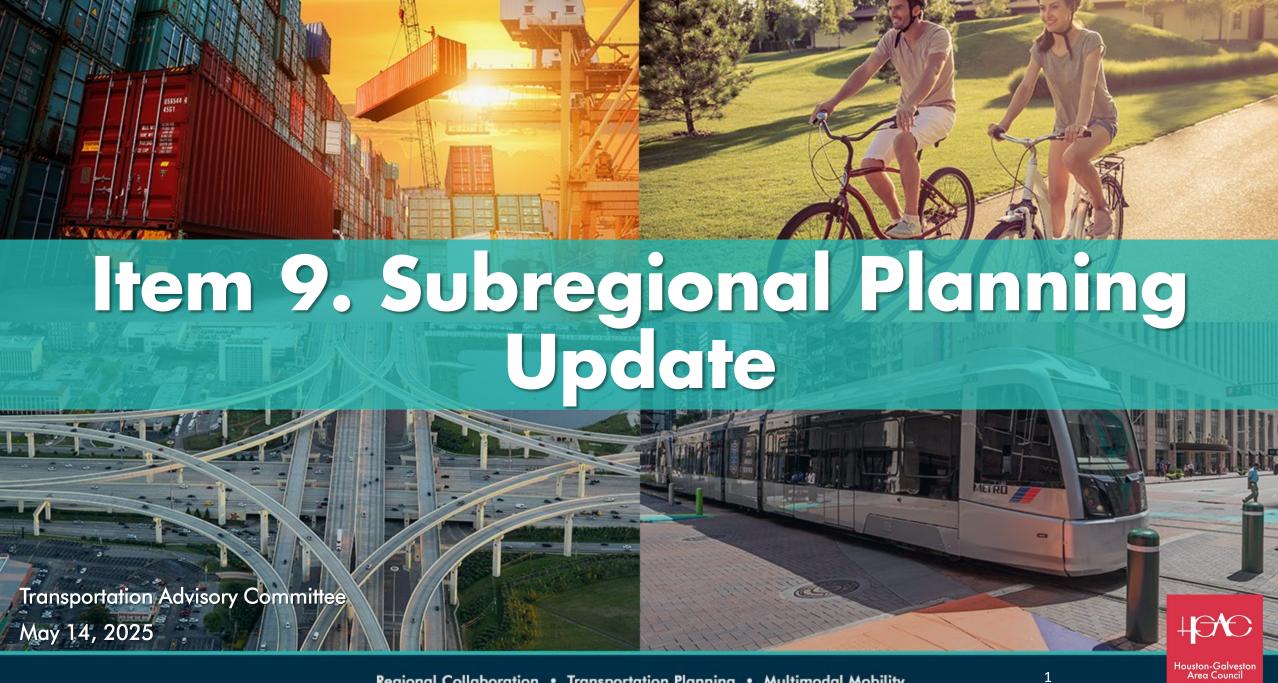
Role of the MPO

- Program new, carry forward existing, and amend FTA grants in TIP, RTP and Ten-Year Plan
 - Includes TPC approval of federally assisted transit projects in the RTP and the TIP and (for 5310 funding) inclusion in the Regionally Coordinated Transit Plan
 - For every FY appropriation, designated recipient will develop Program
 of Projects (POP) for itself as well as any subrecipients and submit to
 MPO for inclusion
- Approval of Transit Performance Measures
- Inclusion in any federally-assisted transportation planning activities



Questions?





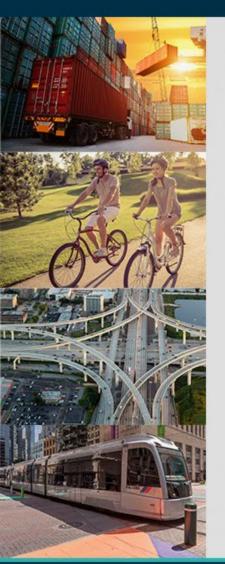
Topics



- Subregional Planning Overview
- Current Plans & Studies
- Future Plans & Studies
- Other Subregional Planning Activities



Subregional Planning Overview



- Subregional Planning is a partnership between H-GAC and local public agencies to conduct studies and develop plans that focus on local transportation needs.
- Serves as the beginning of the pipeline for including projects in the Regional Transportation Plan (RTP) and eventually the Transportation Improvement Program (TIP).
- Activities span across multiple programs within H-GAC.



Subregional Planning Overview



Mobility Plans

- Comprehensive and identifies the long-term vision of transportation network (0 to 20 years).
- Could be single or multiple modes, such as freight, transit, ped/bike, urban air mobility, etc.
- Provides short, mid, and long-term recommendations such as projects, programs, and policies.

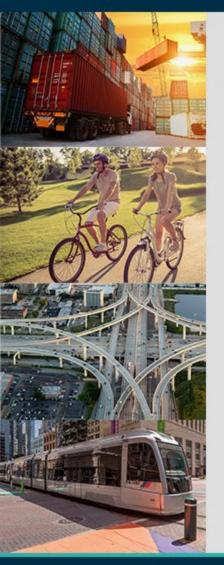
Thoroughfare Plans

- Identify general location and type of roadway facilities needed to meet projected future growth (0-50+ years), not a list of projects.
- May include recommendations addressing right-of-way width, connectivity, street classifications, typical roadway cross-sections or subdivision regulations.

Corridor Studies

- Focus on a specific corridor that may include alternatives for roadway configurations and alignments.
- Typically recommend improvements to make the street safe for everyone and reduce congestion.

Current Subregional Plans and Studies



- 1. Chambers County Thoroughfare Plan
- 2. Cemetery Road Corridor Study
- 3. Washington Avenue Corridor Study
- 4. Pearland Mobility Study
- 5. FM 518 Corridor Study
- 6. Buffalo Bayou East Design Concept Study
- 7. Friendswood Parkway Corridor Study
- 8. Friendswood Active Transportation Plan



Chambers County Thoroughfare Plan



- Local Partner: Chambers County
- The study:
 - Resulted in a countywide Thoroughfare Plan with defined roadway classifications, design guidelines, and access standards
- Adopted April 2025

Carlene Mullins, Principal Planner, Project Manager

Carlene.Mullins@h-gac.com





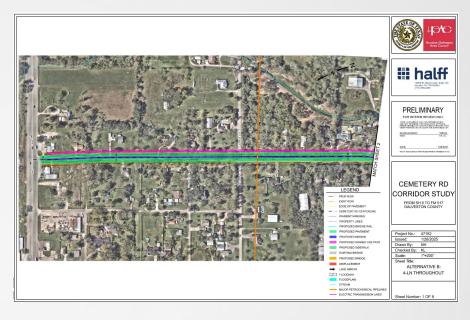
Cemetery Road Corridor Study



- Local Partner: Galveston County
- The study will:
 - Address congestion and safety concerns
 - Analyze several alternatives for corridor configurations that will accommodate anticipated growth and various modes
- Anticipated completion: June 2025

Caroline Bailey, AICP, Senior Planner, Project Manager

Caroline.Bailey@h-gac.com





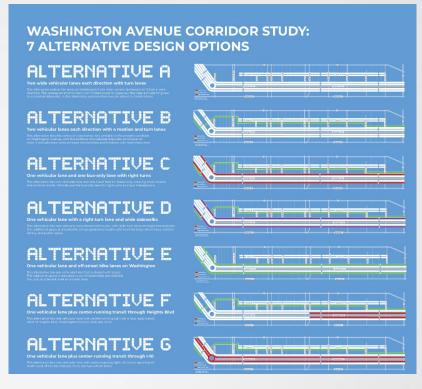
Washington Avenue Corridor Study



- Local Partner: City of Houston
- The study will:
 - Address congestion and safety concerns
 - Analyze a variety of corridor configurations that accommodate various modes
 - Includes Center Street
 - Provide recommendations that consider near-term solutions and long-term vision
- Anticipated completion: July 2025
 - Public Meeting on May 29, 6pm at MECA (Multicultural Education and Counseling through the Arts)

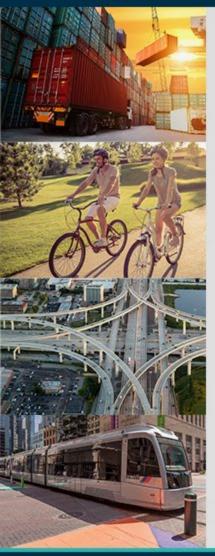
Caroline Bailey, AICP, Senior Planner, Project Manager

Caroline.Bailey@h-gac.com





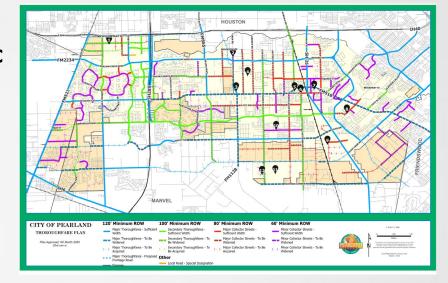
Pearland Mobility Study



Local Partner: City of Pearland

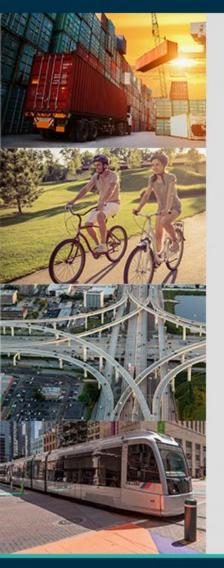
- The study will:
 - Result in a Mobility Plan based on a holistic analysis of the City's transportation network to determine existing and future needs
 - Includes short, mid, and long-term project recommendations and updates to the city's Thoroughfare Plan
- Anticipated completion: Summer 2025

Qun Zhao, Senior Planner, Project Manager





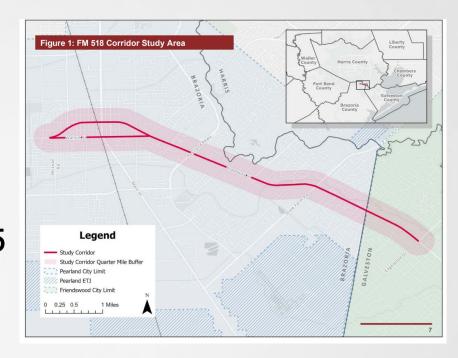
FM 518 Corridor Study



- Local Partner: City of Pearland
- The study will:
 - Develop and analyze alternatives for FM 518 from McLean Road to E. Edgewood Drive, including a one-way pair from McLean Road to Barry Rose Road
- Anticipated completion: Summer 2025

Carlene Mullins, Principal Planner, Project Manager

Carlene.Mullins@h-gac.com



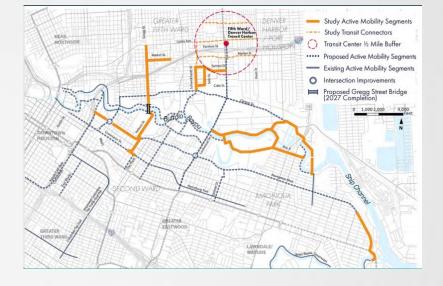


Buffalo Bayou East Design Concept Study



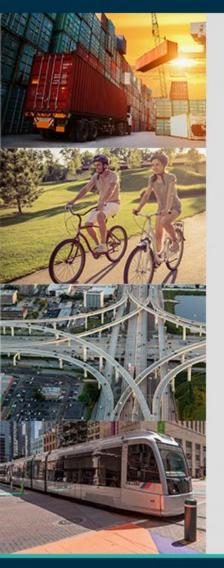
- Local Partner: Buffalo Bayou Partnership
- The study will:
 - Provide recommendations to connect neighborhoods north and south of the bayou to ongoing redevelopment projects and to destinations such as Japhet Creek Park and Tony Marron Park.
 - Highlight opportunities to enhance connectivity to the 5th Ward / Denver Harbor Transit Center near the intersection of Lyons Avenue and Lockwood Drive
- Anticipated completion: October 2025

Qun Zhao, Senior Planner, Project Manager



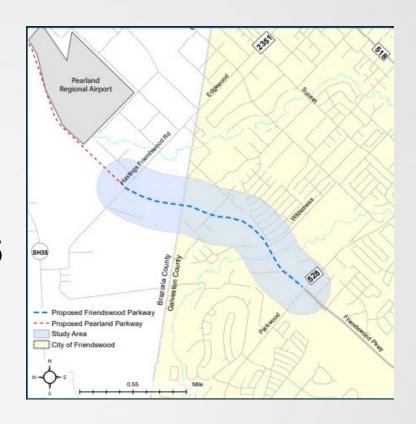


Friendswood Parkway Corridor Study



- Local Partner: City of Friendswood
- The study will:
 - Analyze up to three alignment alternatives
 - Identify a preferred alignment with consideration for the future Pearland Parkway
- Anticipated completion: December 2025

Qun Zhao, Senior Planner, Project Manager





Friendswood Active Transportation Plan



- Local Partner: City of Friendswood
- The study will:
 - Result in a citywide plan identify where pedestrian & bicycle facilities are needed
 - Provide policy and guidance and project recommendations to develop a citywide active transportation network including sidewalks, bikeways, and trails
- Kickoff: April 2025

Qun Zhao, Senior Planner, Project Manager





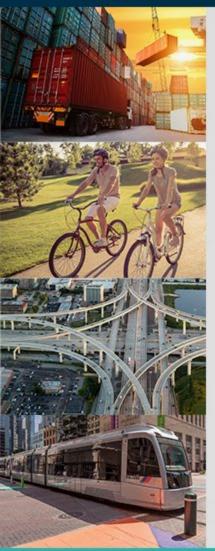
Future Subregional Plans and Studies



- North Houston Communities Transportation Priorities Plan (NHCTPP) (2025 UPWP)
- Liberty County Thoroughfare Plan (2025 UPWP)
- SH 35 Corridor Study (2025 UPWP)
- Montgomery County Mobility Plan (2026/2027 UPWP)
- City of Needville Mobility Plan (2026/2027 UPWP)
 - Will also include developing a new Thoroughfare Plan
- Waller County Thoroughfare Plan Update*



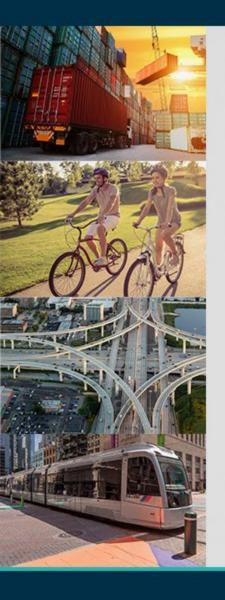
Other Subregional Planning Activities



- Subregional Recommendations Database (Project Tracker)
 - Ongoing updates as studies are completed
- 2025 Regional Thoroughfare Plan (Fall 2025)
 - Chambers County Thoroughfare Plan
 - City of Pearland Thoroughfare Plan
- Complete Streets Planning
 - Federal requirement to develop a plan for regional guidance
- Mobility Planning Workshops
- Criteria for Subregional Plans & Studies (UPWP)



Contact



Monique Johnson, AICP Subregional Planning Manager

Monique.Johnson@h-gac.com

*Contact information for a specific project is available on each project slide





TPC Action Item - Policy



 Formulate a Policy to "Protect" 4-Year Transportation Improvement Program (TIP) Funds and Reserve Only for Projects Ready within 4-Year Window

Formulate a Policy to Ensure Projects
Programmed in the 4-Year TIP "Window" hold to
the dates programmed (Prevent "Rolling")

Workgroup Status - Learning the "Basics"

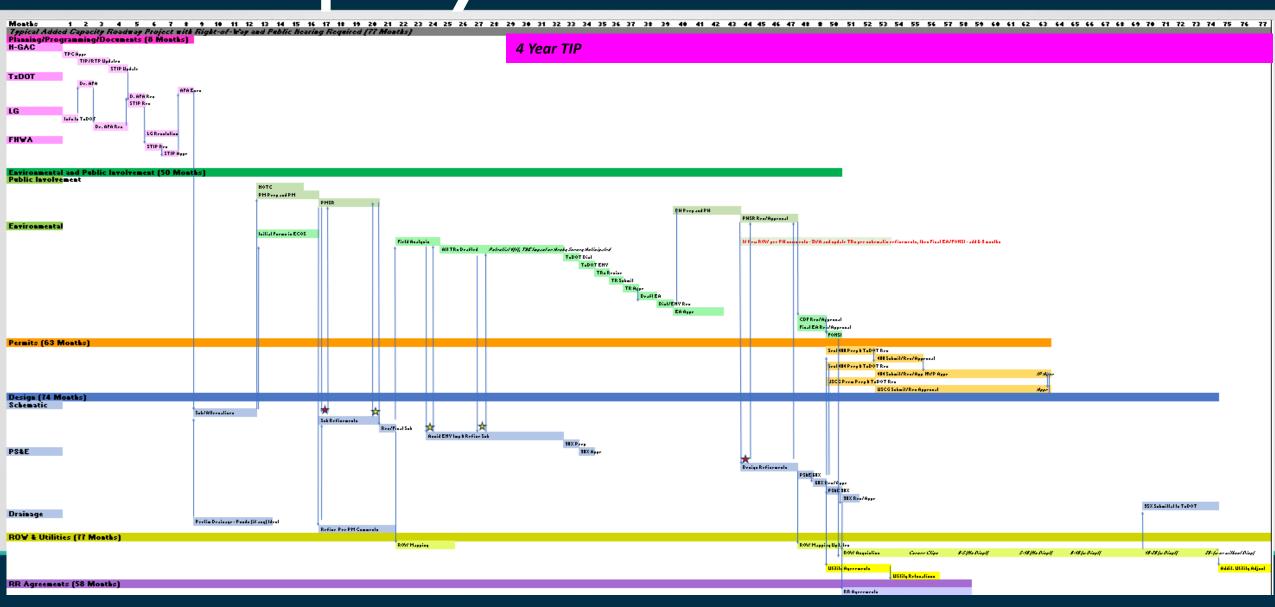
 1st Meeting – General Discussions About Project Development Process (Pros and Cons)

 2nd Meeting – Project Selection and Programming (Funding Availability and Project Readiness)

 3rd Meeting – Project Development (Engineering/Environmental) Process



Project Development Schedule – Typical Added Capacity



Pending "E" Phase Projects

Sponsor Name	Project Name	Proposed TIP Description (To be Refined After Comments Received at TAC)	Street/Facility	Project Limits From	Project Limits To	Existing Federal Funds	Amount Requested From Carry Over Spend Down (FEDERAL ONLY)	Phase - Engineering "E"; Construction "C"; Federal Trans it Administration Transfer "T"	Fiscal Year (FY) for Additional Carry Over Spend Down	Proposed Funding Category (Surface Transportation Block Grant (STBGor Congestion Mitigation Air Quality (CMAQ) Funds
North Houston District		roadwayand provide sidewalks and ramps.	West Rd.	I-45 NB Frontage Rd.	Airline Dr.	\$0	\$460,000	Е	2026	STBG
City of Sugar Land	Aerial Gondola System - Engineering, Environmental, and	_	US 59, State Highway6, & University Blvd.		Crown Festival Park	\$0	\$12,000,000	E	2026	STBG
Brazoria County	Pearland Parkway extension	,	Pearland Parkway	Dixie Farm Road	FM2351	\$0	\$5,950,000	Е	2026	STBG
East Downtown Management District	EaDo Cap (Planning)	Implementation of a structural cap along IH-45	I-45 (above future IH-45)	Lamar Street	Commerce Street	\$0	\$5,000,000	Е	2026	STBG
City of Sugar Land	Brazos River Turnaround (BRT) Alternate/UHSL Festival Blvd. Extension	Newroadwayto provide alternative access to the now permanently closed	Festival Blvd.	University Blvd. @ Wentworth In.	US 59 frontage road	\$0	\$4,200,000	E	2026	STBG
Brazoria County	-	Widening existing 2-lane asphalt roadwayto a 4- lane concrete Blvd	County Road 59	Fort Bend County Line	CR48	\$0	\$3,400,000	E	2026	STBG
Brazoria County		Construct 2-lane roadway and 2-lane grade separation crossing at existing railroad	County Road 100	CR113	SH35	\$0	\$2,822,000	Е	2026	STBG
Memorial Heights Redevelopment	-	Reconstruction of 19th Street from Bevis Street to	19th Street	Bevis Street	Nicholson Street	\$0	\$2,750,000	Е	2026	STBG
Downtown Redevelopment		Redesign keyportal into Downtown Houston to	Congress Street	Franklin Street	Smith Street	\$0	\$2,000,000	Е	2026	STEIG
Port Freeport	FM1495 Freeport Parking: Facilitating Safe Intermodal Movement		FM1495	North limit Union Pacific Rail#106		\$0	\$1,500,000	Е	2026	STBG
Westchase District	Reconstruction	Reconstruction of	Richmond Avenue	Briarpark	Woodland Park	\$0	\$1,500,000	Е	2026	STBG
St. George Place Redevelopment	Greenridge Drive Safety Improvements		Greenridge Drive		Beverly Hill Street	\$0	\$1,000,000	Е	2026	STBG
							\$42,582,000			



Next Steps - Hopeful Timelines



- Continue to Listen and Answer Questions
- Let the Workgroup "Drive" the Decisions
- Engage TIP Subcommittee More in June Based on Initial Recommendations
- Engage TAC/TPC in July Based on TIP Subcommittee Feedback from June
- Draft Policy for Initial Review by August



Contact

Callie Barnes
Program Manager – Project Delivery

<u>Callie.Barnes@h-gac.com</u>

832-681-2615





Future 2025-2028 TIP Amendments

Program construction phase of Montgomery County's SH 99 frontage road turn lane project (MPO ID 19352) in FY 2026 of TxDOT's Statewide Safety Program with \$3.3M of federal STBG and local matching funds.



Action Requested

Review and discussion only





Administrative Amendments 2025-2028 TIP

- Correct Total Project Cost values of 1 Fort Bend County Transit and 3 TxDOT Beaumont District projects adding construction phase costs (MPO IDs 19073, 19227, 19228, 19229).
- Change sponsor of Navigation Blvd 'Safe-Routes-to-Transit' construction (MPO ID 19044) from East End District to Harris County Transit per agreement between agencies.
- Change sponsor of Mason Creek Trail construction (MPO ID 19045) from Harris County to the Harris County Community & Economic Development Department per agreement between agencies. Update the facility name & limits.

Administrative Amendments 2025-2028 TIP

- Update Description and FTA Section 5339 funding of City of Galveston's vehicle replacement (MPO ID 19180) at the City's request.
- Change City of Conroe's advanced planning for CNG fueling facility project (MPO ID 19193) phase from 'Engineering' to 'Transfer' at the City's request.
- Add 'Engineering Review' as an authorized phase of work to the Downtown Management District's CBD street rehabilitation (MPO ID 19205) at the District's request.
- Correct Control-Section-Job number for TxDOT Beaumont District's IH-10 East rehabilitation at FM 1406 (MPO ID 19232).



Action Requested

✓ Approved April 2025

