



Item 4A. 2025 TAC Nominations Process



Transportation Advisory Committee
November 6, 2024

2025 TAC Nominations Process

Nominated Positions

- 3 positions representing cities of less than 50,000 population
- 3 positions representing Public Transit Agencies
- 1 position representing Ports
- 2 positions representing Toll Roads
- 1 position representing Airports
- 2 positions representing Environmental
- 3 positions representing Planning
- 2 positions representing Active Transportation
- 2 positions representing Business Interests
- 2 positions representing Citizen Interests

Appointed Positions

- Cities of 50,000 or more based on 2020 Census (Houston, Pearland, Sugar Land, Conroe, Pasadena, Galveston, Baytown, League City, Missouri City, Texas City)
- Each County in the MPO region (Harris, Montgomery, Liberty, Chambers, Galveston, Brazoria, Fort Bend, and Waller)
- Regional Planning representing the H-GAC Board
- TxDOT Districts (Houston and Beaumont)
- METRO
- Port Houston

2025 TAC Nominations Process

- Nominated positions are submitted by TPC members, reviewed/recommended by TPC Nominating Committee
- Appointed positions are submitted via form in packet and online, must be signed by appointed official
- TAC Officers and Subcommittee nominations/appointments will be conducted after the 2025 TAC is in place (February 2025)
- Greater Houston Freight Committee and Transportation Safety Committee are subcommittees of the TPC. Nominations for these positions will be included in the nomination form sent to TPC members.



Transportation Improvement Program Modification Process



Transportation Advisory Committee
November 6, 2024

TIP Modification Process

- TIP is updated every other year
- Amended monthly
 - Project phases
 - Project scope and cost
 - Funding source
 - Schedule
- Types of Modification
 - TPC amendment
 - Administrative amendment

*All monthly project amendments amend project information in TIP and RTP.

Type of Modification

■ TPC Amendment

- Addition or removal of a project or Phase
- Addition or removal of phase $> \$5M$
- Cost change $> 25\%$ of Phase or $> \$500K$
- Significant scope changes to non-exempt or exempt projects
- Schedule change that results in addition or deletion of the project from a TIP

■ Administrative Amendment

- Addition or removal of phase $< \$5M$
- Combining two or more projects or phases.
- Carry over of a funded project or phase from a previous TIP
- Cost change $< 25\%$ of Phase or $< \$500K$
- Minor scope changes
- Schedule change within the 4 years of the TIP



Item 06A: CMAQ Carryover Spend Down Projects



Transportation Advisory Committee (TAC)
November 6, 2024

Solicitation of CMAQ Carryover Spend Down

- **Projects Submitted – 08/2026 Let Date**
 - CMAQ Eligible – Over \$360M
- **Methodology**
 - 4 Meetings – TxDOT Houston and Beaumont Districts in October 2024 (2nd, 9th, 10th, 14th)
 - All Project Submitted on Current Recommendation List Except Several Transit



Current Recommended CMAQ Projects



- **17 Projects - ~\$260M of CMAQ (Fed Only)**
 - TxDOT Houston District (2 Projects) ~\$110M (43%)
 - TxDOT Beaumont District (3 Projects) ~\$15M (6%)
 - 9 Local Governments (12 Projects) ~\$134M (51%)

TxDOT TPP Letter - October 24, 2024



- “Pause” on Houston District Proposed CMAQ
- Schedule for TxDOT HOU Review
 - November 22nd – TxDOT Comments Expected
 - Expected December 2024 Action

Next Steps and Discussion Only



- TAC Approved Recommendation List for CMAAQ in October 2024
- Continued Coordination with TxDOT Houston and Beaumont Districts

Contact

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Item 6B. Amendments to 2025 TIP & TxDOT Statewide Program



Transportation Advisory Committee
November 6, 2024

2025-2028 TIP Amendments

- Add \$993K CMAQ federal/\$248K local to City of Bellaire's FY 2026 Traffic Management System Implementation (MPO ID 18020) to cover increases due to inflation

TxDOT Statewide Program Amendment

- Program 3.7M TDCs in lieu of matching funds for Uptown Management District's FY 2025 \$18.5M TASA funded West Loop Shared-Use Path construction (MPO ID 19172)

➤ **Correction:** \$18,560,685 => \$18,456,060 (-\$104,625);
TDCs 3,701,337 => 3,691,212 (-10,125)

Action

- Transportation Advisory Committee recommendation of Transportation Policy Council approval of Resolutions 2024-42 and 2024-43



Item 7. Strategic Highway Network Additions Concurrence

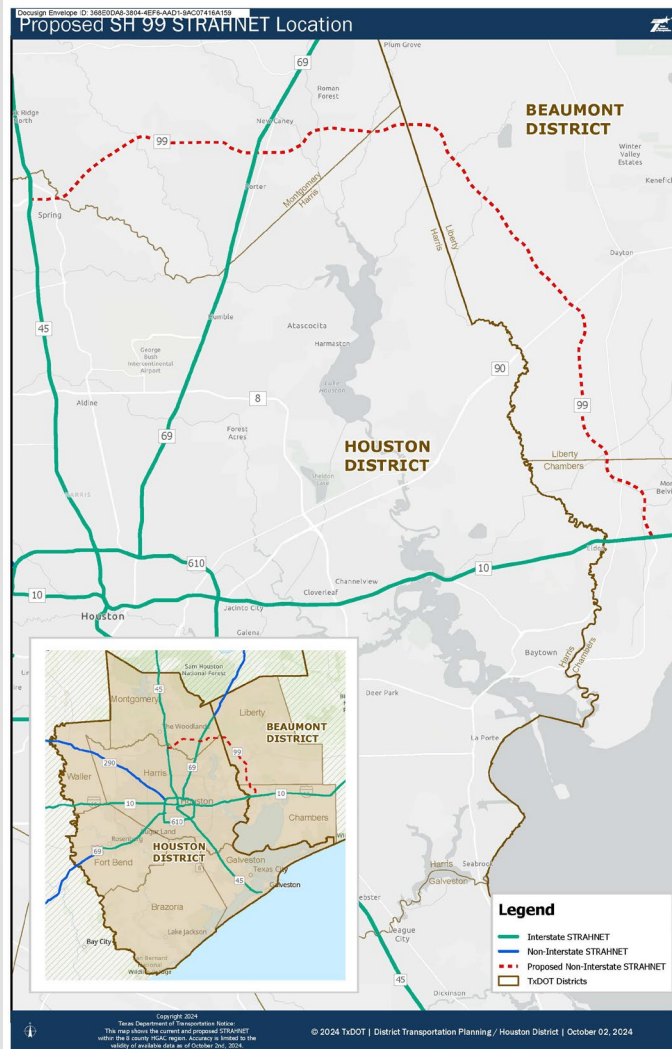


Transportation Advisory Committee
November 6, 2024

Strategic Highway Network (STRAHNET)

- The STRAHNET is a 62,791-mile system of roads deemed necessary for emergency mobilization and peacetime movement of heavy armor, fuel, ammunition, repair parts, food, and other commodities to support U.S. military operations.
- 14 added routes in Texas, 1 within the H-GAC region
- Transportation Policy Council concurrence required prior to submittal to Federal Highway Administration

Strategic Highway Network (STRAHNET)



- 51.5 mile route encompassing the northeast portion of SH 99 from IH 45 N to IH 10 E
- Route provides alternative to bypass Downtown Houston for movement between Fort Bliss and Fort Cavazos and their designated seaports, Port Beaumont and Port Arthur

Action

- Transportation Advisory Committee recommendation of Transportation Policy Council approval of Resolution 2024-36.



H-GAC Household Travel Survey

Sonya Solinsky – TxDOT TSP Program Manager

Edgar Millard – TTI Assistant Transportation Researcher

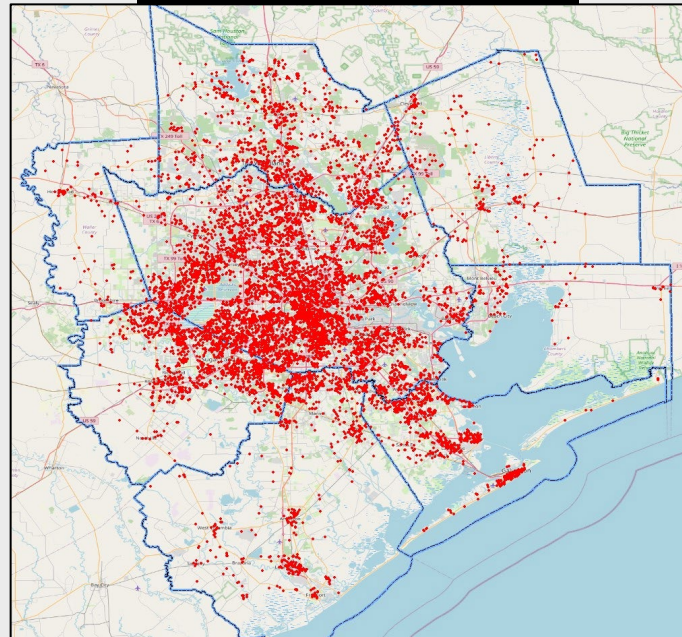


November 7, 2024

Survey Overview

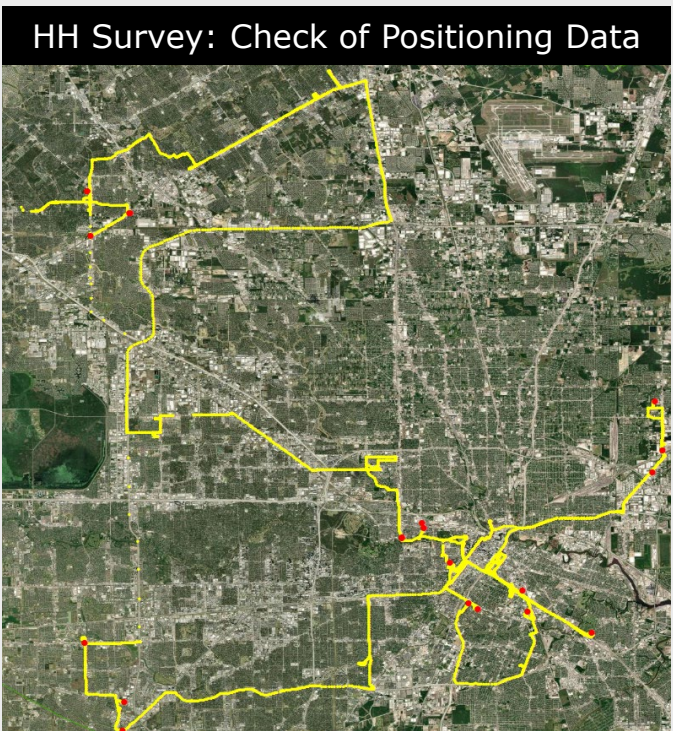
- Survey Timeline
 - Project Kickoff: May 2022
 - Pilot Survey: August-October 2022
 - Main Survey: November 2022-March 2024
- Survey Team
 - Great collaboration throughout project
 - TxDOT, H-GAC, TTI, ETC Institute/Cambridge Systematics
- Survey Accessibility
 - Availability in English, Spanish, Vietnamese, Tagalog, Urdu, Arabic, French, Chinese, Korean
 - Hybrid survey modes of Smartphone App, Web, and CATI

Survey Locations



Survey Data

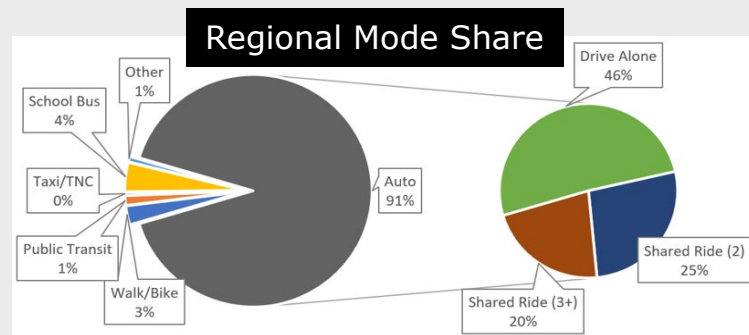
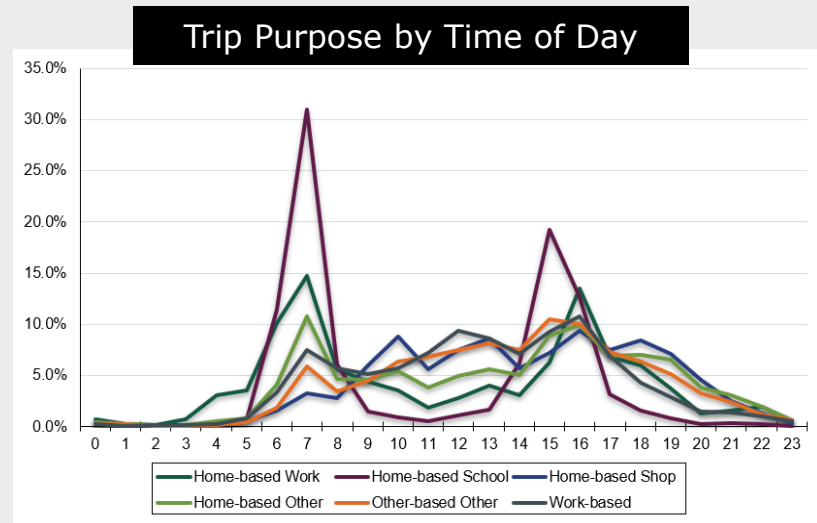
- Survey Sampling
 - Main Sample: 10,219 households, 0.4% of area households
 - Segmented proportionally by county with additional samples for less populated counties
 - Additional Focus: Transit, Bicycle, Uber/Lyft Users, Toll Road/HOV Use, Work From Home/ Telecommute, Limited English, Zero-Vehicle HHs, College Students
- Survey Data Collected
 - Household/Person Demographics
 - Vehicle Data
 - Trip Record
 - GPS Positioning Data



Survey Data Uses

- Regional Travel Demand Modeling
 - Amount and Characteristics of Resident Travel
 - Trip Production Rates, Trip Length, Travel by Time of Day, Mode Usage

- Planning Studies
 - Congestion Studies
 - State of Commute Analyses (over 14,000 commuters surveyed)
 - Transportation Conformity
 - Routing Studies
 - Economic Development
 - Transportation Equity/Accessibility



SUMMARY STATISTICS

2022-2024 H-GAC Household Travel Survey



10,519
households surveyed

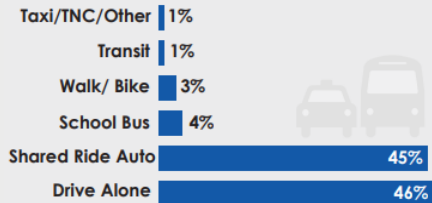


29,400
people surveyed



90,738
total number of surveyed trips

Household Trips by Mode



3%
of auto trips use toll facilities



25.8 miles
traveled per person per day

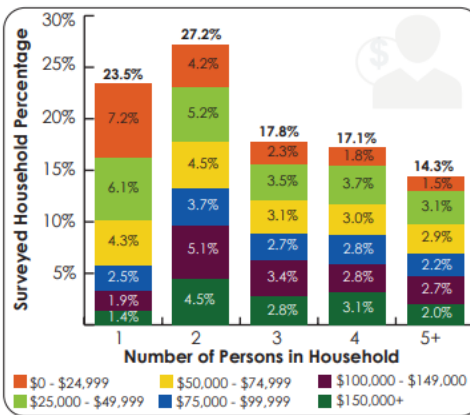


53%
of trips during peak hours
(6 AM - 9 AM & 3 PM - 7 PM)

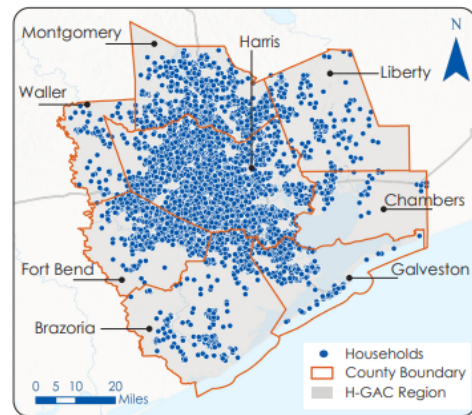


3.11 trips per person per day
8.42 trips per household per day

Household Income and Size



Surveyed Household Locations



Questions?

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Item 9A. Future Amendment to 2025 TIP & TxDOT Statewide Program



Transportation Advisory Committee
November 6, 2024

2025-2028 TIP & Statewide Safety Program Amendment

- Program \$43.2 STBG set-aside from 2018 Call-for-Project in H-GAC's FY 2026 Regional Freeway Incident Management (MPO ID 18856). Advance to FY 2025 and move to TXDOT Statewide Safety Program. 10.6M TDCs as match. Total: \$53.2M

Action

- For review and discussion only



Regional Goods Movement Workshop



Transportation Advisory Committee
November 6, 2024

Regional Goods Movement Plan

VISION

A multimodal freight transportation system that is efficient, reliable, and safe, that supports the economy, the environment, and equity.

GOALS

-  Safety
-  State of good repair
-  Move people & goods efficiently
-  Economic competitiveness
-  Protect Natural Resources

AUGUST 2023

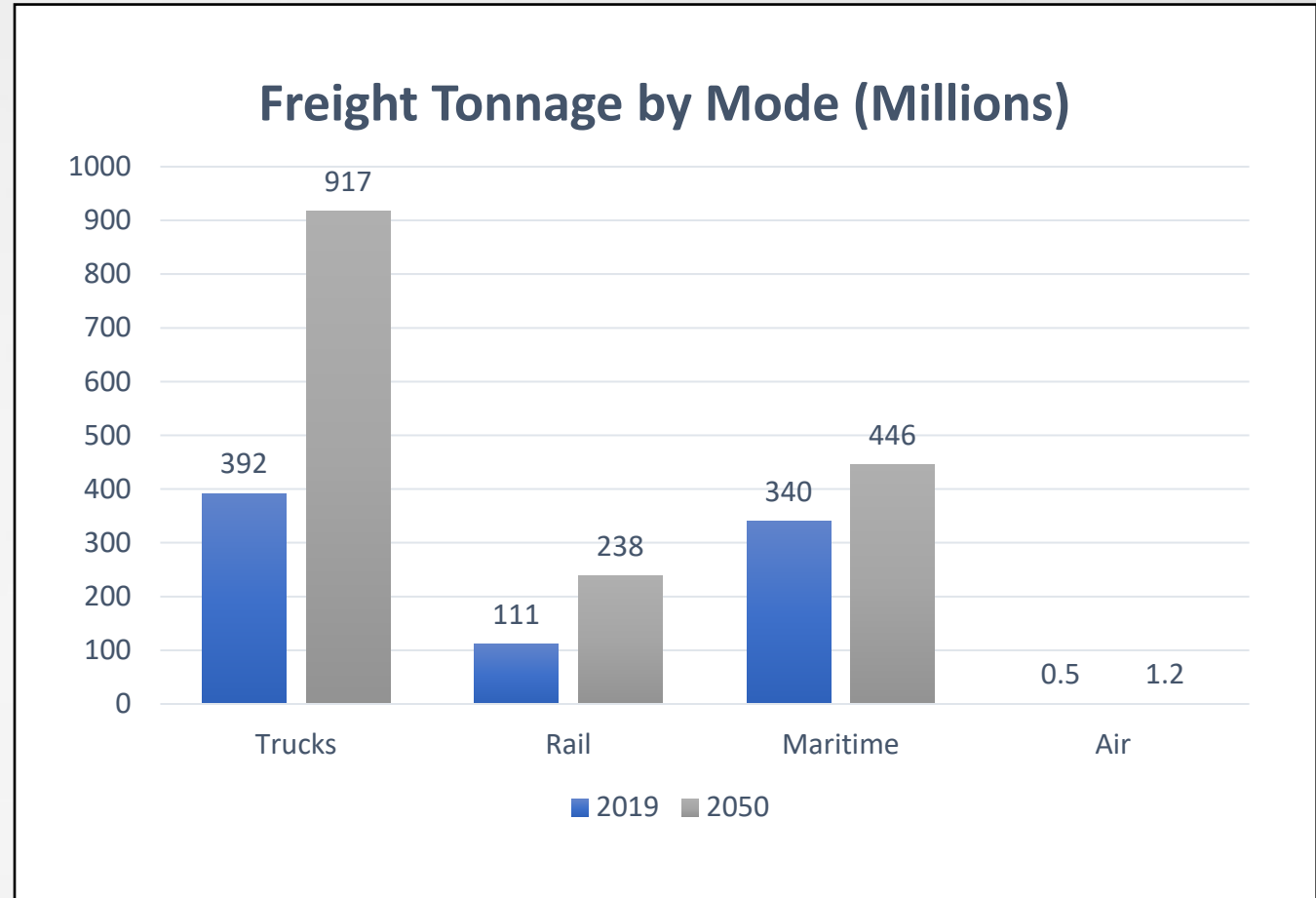


2023 REGIONAL GOODS MOVEMENT PLAN

FINAL REPORT

Freight Forecasts

- Freight tonnage carried on H-GAC's transportation network is expected to grow to 1.7B by 2050.
- Trucking is the primary mode for freight which is expected to grow annually at 2.8% by 2050
- Domestic transport of goods is expected to grow annually at 2.3% by 2050.



Source: H-GAC's Activity-Based Model

Workshop Format

RGMP Evaluation

- What did we get right
 - Identification of key freight corridors, Capturing second-trip truck movements, RTP project categorization, Identification of key issues to goods movement
- What did we miss
 - Freight Emissions, Analysis of corridor level freight movement.
- Next iteration of RGMP
 - Grade separation issue, multimodal freight movement analysis, Freight design guidance/policies, freight in the travel demand forecast.

Policy and Programs Implementation

- Recommendations
 - Safety
 - Congestion
 - Emissions
 - Community Impact
- Implementation examples
 - Off-peak deliveries, last-mile delivery programs, freight safety campaigns etc.
- Initial consensus building

Key Takeaways



1. Decreasing time between goods movement studies.
2. Collaboration with other committees to solve RGMP Policies and Programs
3. Need to develop alternative congestion management tools for freight.
4. Need to provide updated freight data through the RGMP dashboards and data.

Next Steps

- Develop an action plan to prioritize and implement recommendations from the RGMP
- Present workshop findings to the GHFC at the January meeting
- Update data and project dashboard from the RGMP
- Start planning for the next RGMP update.



Action

For information only. No action requested.

Staff contact

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