

**TIP SUBCOMMITTEE MEETING
HOUSTON-GALVESTON AREA COUNCIL**

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[+1 346-262-0140,,368977121#](#) United States, Houston

Phone Conference ID: 368 977 121#

Wednesday, April 10, 2024

9:30 a.m. – 11:30 a.m.

AGENDA

- 1. Subcommittee Roll Call**
- 2. New Member Welcome and Orientation**
- 3. Amendments to the 2023-2026 TIP**
- 4. Project Selection Process Update**
- 5. Introduction to Reliability, Congestion, and Air Quality Federal Performance Measures**
- 6. 2025-2028 TIP Development**
- 7. Announcements**
 - TAC Meeting **April 17, 2024**, 9:30 a.m., Onsite
 - TPC Meeting –**April 26, 2024**, 9:30 a.m., Onsite
 - TIP Subcommittee Meeting – **May 1, 2024**, 1:30 p.m., Virtual (Teams)
- 8. Adjourn**



TIP Subcommittee Overview



TIP Subcommittee
April 10, 2024

TIP Subcommittee Purpose

- Provide guidance to TAC in the development of the 10-Year Plan, and the Transportation Improvement Program;
- Define strategies to link the RTP, the 10 Year Plan investment plan, and the TIP;
- Recommend strategies to create a predictable project development and delivery pipeline; and
- Provide guidance for major amendments to the 10 Year Plan/TIP.
- Review and tracking of the progress on performance measures and targets

<https://www.h-gac.com/transportation-advisory-committee/transportation-improvement-program-subcommittee>

TIP Subcommittee

- 2023-2026 TIP (Amendments)
- 2025-2026 TIP Development
- Project Selection Process
- Federal Performance Measures and Targets
- Quarterly TIP Reporting
- Project Tracking/Monitoring
- Project Delivery Assistance
- Regional Strategic Transportation Fund Project Selection Process

Contact

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Amendments to the 2023-2026 TIP and 2045 RTP



TIP Subcommittee
April 10, 2024

April TIP and RTP Amendments

- Split METRO FY 2025 IH 69 S Two-Way HOV Conversion (MPO ID 18188) in RTP. Program northern section from Westpark/Lower Uptown TC to SP 527 (MPO ID 19007) with \$184M local in FY 2026. (+\$184M; Total: \$184M)
- Increase HCTRA local funding \$92M to \$200M for SH 225 Direct Connectors at SL 8 (MPO ID 16340). Delay FY 2024 to FY 2025. (+\$108M; Total: \$200M)
- Update description of HCTRA SH 225 Direct Connectors at SL 8 (MPO ID 18883) to specify 4 DCs. Increase local funding. (+\$236M; Total: \$260M)
- Program TxDOT Houston District SH 225 main lane through interchange (MPO ID 18960) with State Cat-4 Statewide Connectivity funds in FY 2026. (+\$70.6M; Total: \$70.6M)



Project Selection Process Update



TIP Subcommittee
April 10, 2024

Investment Categories

- Selection Process in progress
 - Major Projects
 - High Growth Area Needs
 - Operational Improvements and Congestion Management
 - Resiliency and State of Good Repair
 - Transit
 - Evaluation criteria responses available at H-GAC website [Search](#) ["Transportation Project Questionnaires"](#)

Next Steps

Selection Step	Month 2024
Criteria questionnaires	Feb 15th
Evaluation scoring & ranking	March/April
Evaluation score validation	May
Benefit-cost analysis (BCA)	May/June
Project readiness	May/June
BCA scoring & ranking	June/July
BCA validation & final draft ranking	June/July
Anticipated recommendation	August

Contacts



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Reliability, Congestion and Air Quality Performance Measures



Karen Owen
TIP Subcommittee
April 10, 2024

Federal Performance Measures

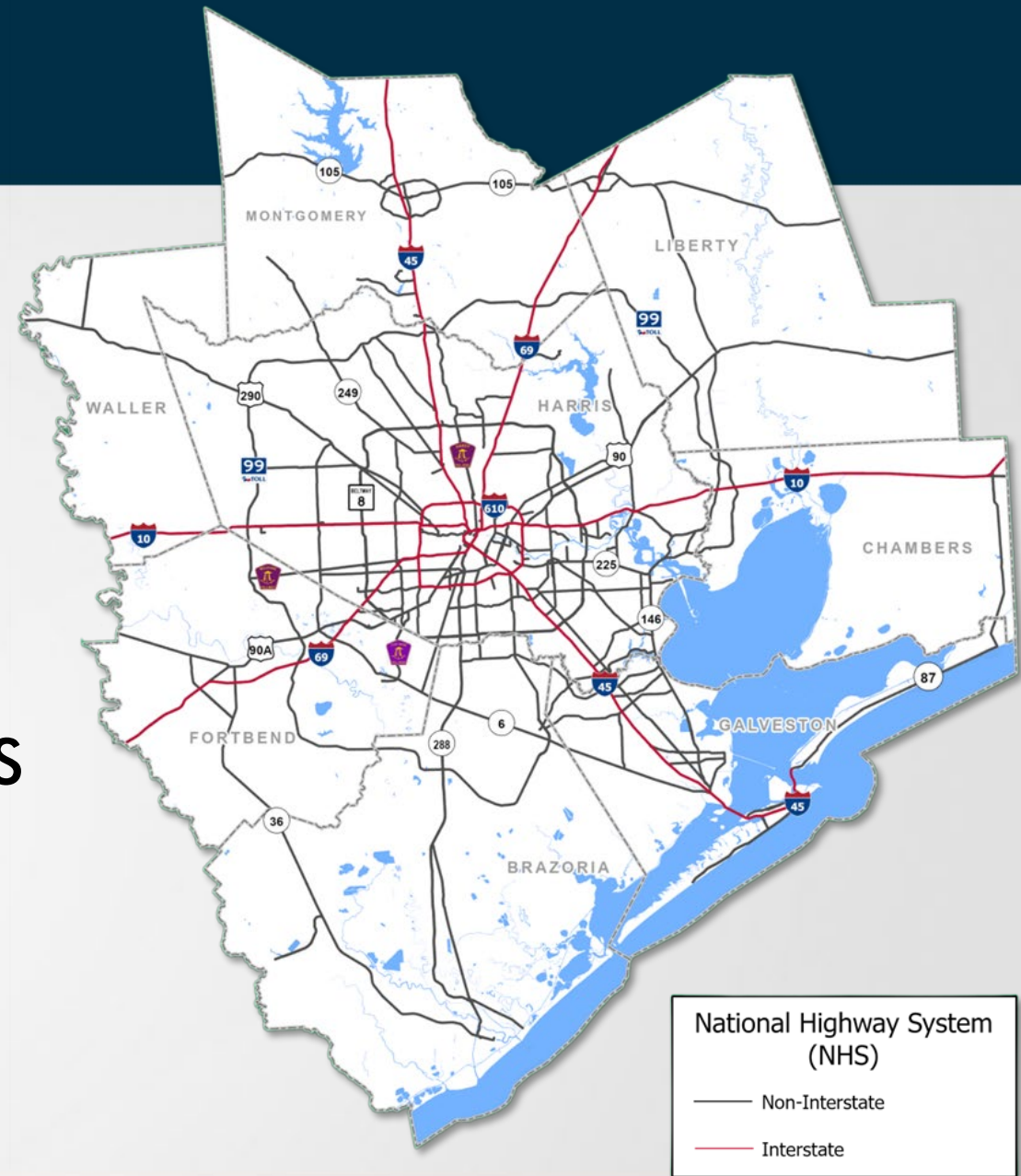
- Midpoint of the 4-Year Performance Period: 2023-2026
- Report on 2024 targets & Adjust 2026 Targets
- Reliability, Congestion & Congestion Mitigation Air Quality measures



Travel Time Reliability

National Highway System (NHS) Reliability

- Personal travel – Interstates
- Personal travel – Non-Interstates on NHS
- Truck travel – Interstates



Congestion Measures

Peak Hour Excessive Delay

- Annual average amount of extra travel time in excessive congestion

Percent of Work Trips Made in Non-Single Occupancy Vehicles (Non-SOV)

- Carpooling, Public Transportation, Walking, Bicycling, Taxi, Uber, Lyft, and Working From Home

Air Quality Measures

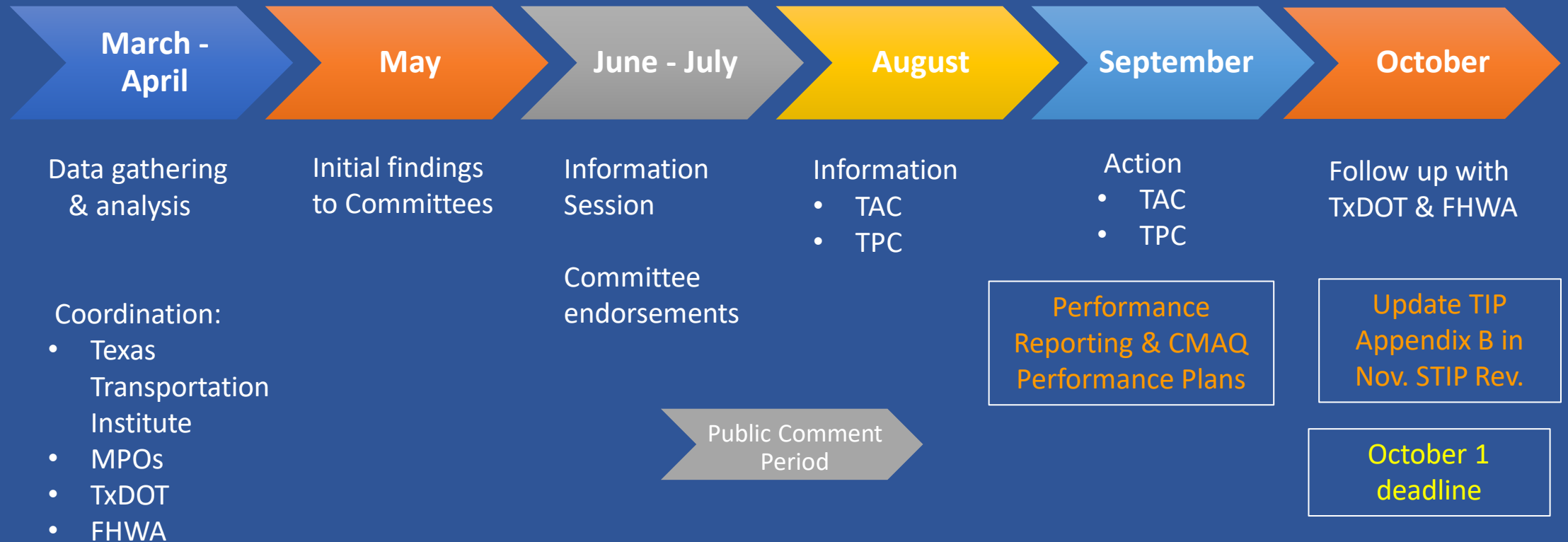
Congestion Mitigation Air Quality (CMAAQ)

On-Road Mobile Source Emission Reductions from CMAAQ-funded projects

- Nitrogen Oxides (NO_x) kg/day
- Volatile Organic Compounds (VOC) kg/day



Reliability, Congestion & Air Quality Performance Measures



TIP, RTP and Transportation Air Quality Subcommittees
Transportation Advisory Committee (TAC)
Transportation Policy Council (TPC)

Performance Measures



Performance Measures:

<https://www.h-gac.com/transportation-performance-measures>

Performance Report:

<https://www.h-gac.com/getmedia/4ac018ac-8acb-4fae-899a-7298572202fc/2023-2026-Transportation-Improvement-Program-Appendix-B>

Karen Owen

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Draft 2025-2028 Transportation Improvement Program



TIP Subcommittee
April 10, 2024

2025-2028 TIP Overview



- Funded Projects
 - Carry-over from 2023 TIP & 10-Year Plan
 - Selected by TPC through
 - 2015 Call for Projects and prior
 - 2018 Call for Projects (March 2019)
 - Carryover Spend Down Projects (December 2023)
 - Regional Goods Movement Projects (December 2023)
 - Updates from local project sponsors
- Proposed cost increases

Summary of Programming



Federal \$6.8B



State \$8.0B

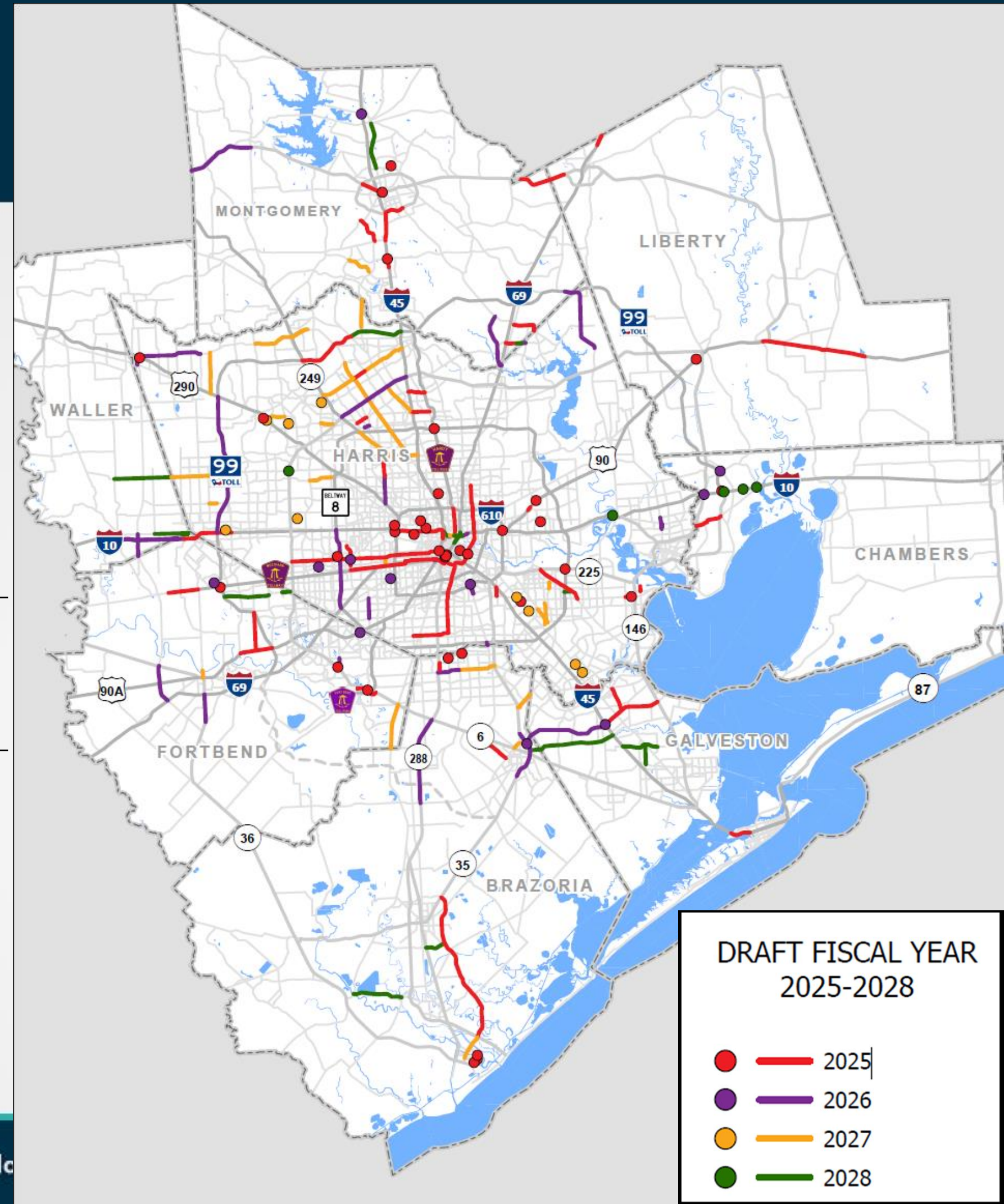
Local \$3.9B



Total Programming \$18.7B



Transportation Development Credits 32.2 M

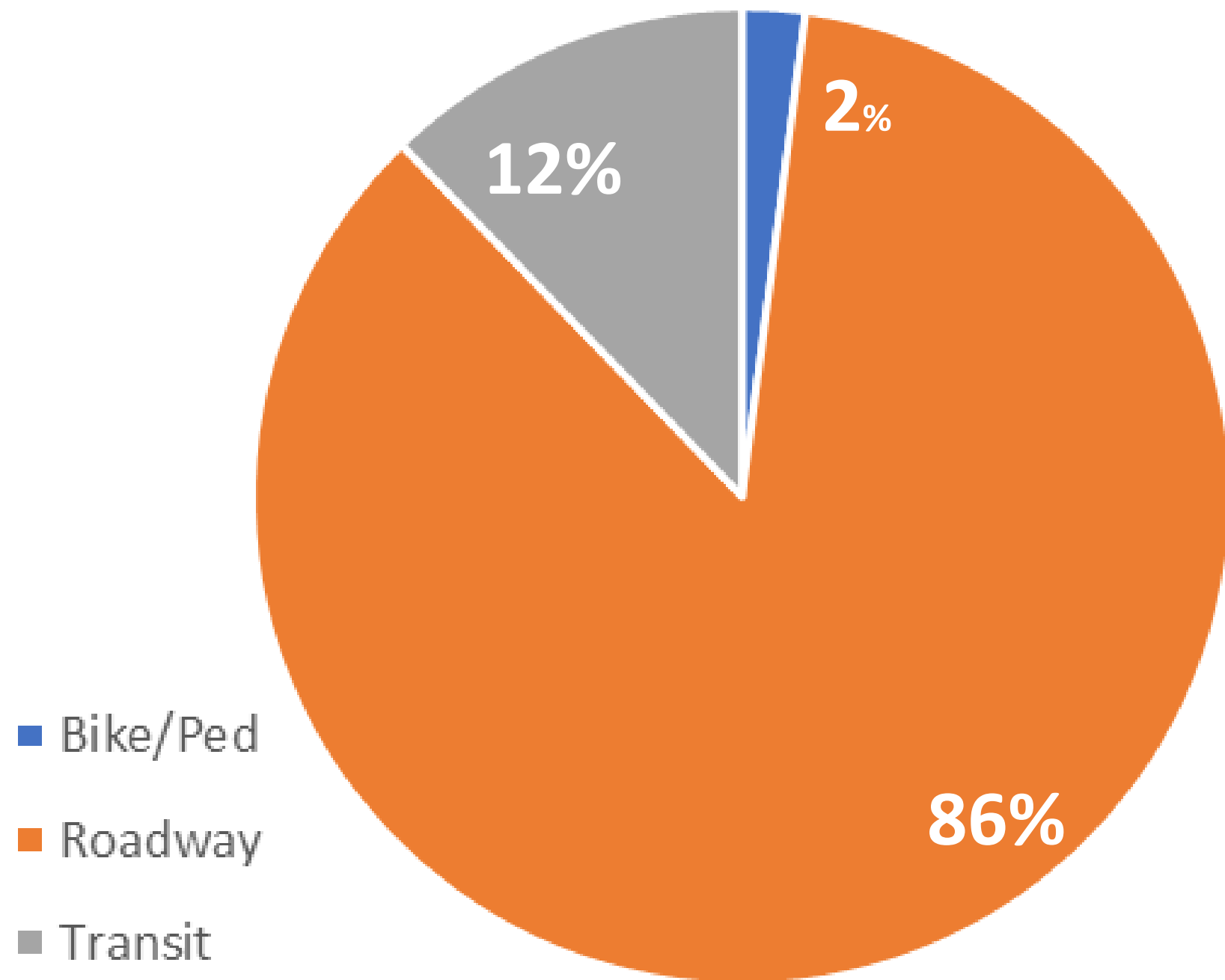


2025-2028 Major Projects

- North Houston Highway Improvement Program (NHHIP)
- Advanced ROW acquisition for NHHIP segment 1
- Reconstruct and widen IH-10 E San Jacinto River bridge.
- Reconstruct IH-10 W main lanes and existing HOV Lanes
- Construction of Grand Parkway (SH 99) segment B
- Construction of Direct Connectors on SH 610 S at SH 35
- Reconstruction and widen to add 4 managed lanes on IH 10 W
- Construction of Direct Connectors on SH 225 at SL 8
- Construction of Busway (BRT) from IH 610 W to Downtown Houston
- Construction of new BRT (University Line Corridor) from Westchase Park & Ride to Tidwell Transit Center

[Draft TIP Projects \(2025-2028\) \(arcgis.com\)](https://arcgis.com)

2025-2028 TIP Investment by Mode



Mode	Total Investment in Billions
Roadway	\$15.23
Bicycle/Pedestrian	\$0.22
Transit	\$3.32
Total	\$18.76

Public Comments



- Materials: <https://www.h-gac.com/transportation-improvement-program/2025-2028>
- Deadline: April 24, 2024
- Email: publiccomments@h-gac.com
- Mail: Transportation Public Information
Houston-Galveston Area Council
P.O. Box 22777
Houston, TX 77227-2777

Timeline

TASKS/ACTIONS	DATE
Review active projects and solicit feedback from project sponsors	January/February 2024
Draft TIP project listing for information – TAC/TPC	March 2024
Public Comment Period and Public Meeting – Draft Project Listing	March/April 2024
Staff analysis and review of public comments	April 2024
Final Draft TIP for information – TAC/TPC	April 2024
Action on final 2025-2028 TIP	May 2024
Submit Final Document to TxDOT	July 2024
Anticipate TTC Approval of STIP	August 2024
Anticipate Federal/State Approval of STIP	October/November 2024