



# Item 6. TAC Bylaws Committee Draft Recommendations



Transportation Advisory Committee  
September 10, 2025



# TAC Bylaws Committee

- TAC Bylaws Committee Members:
- Jason Smith (Chair)
- Perri D'Armond
- Catherine McCreight
- Ken Fickes



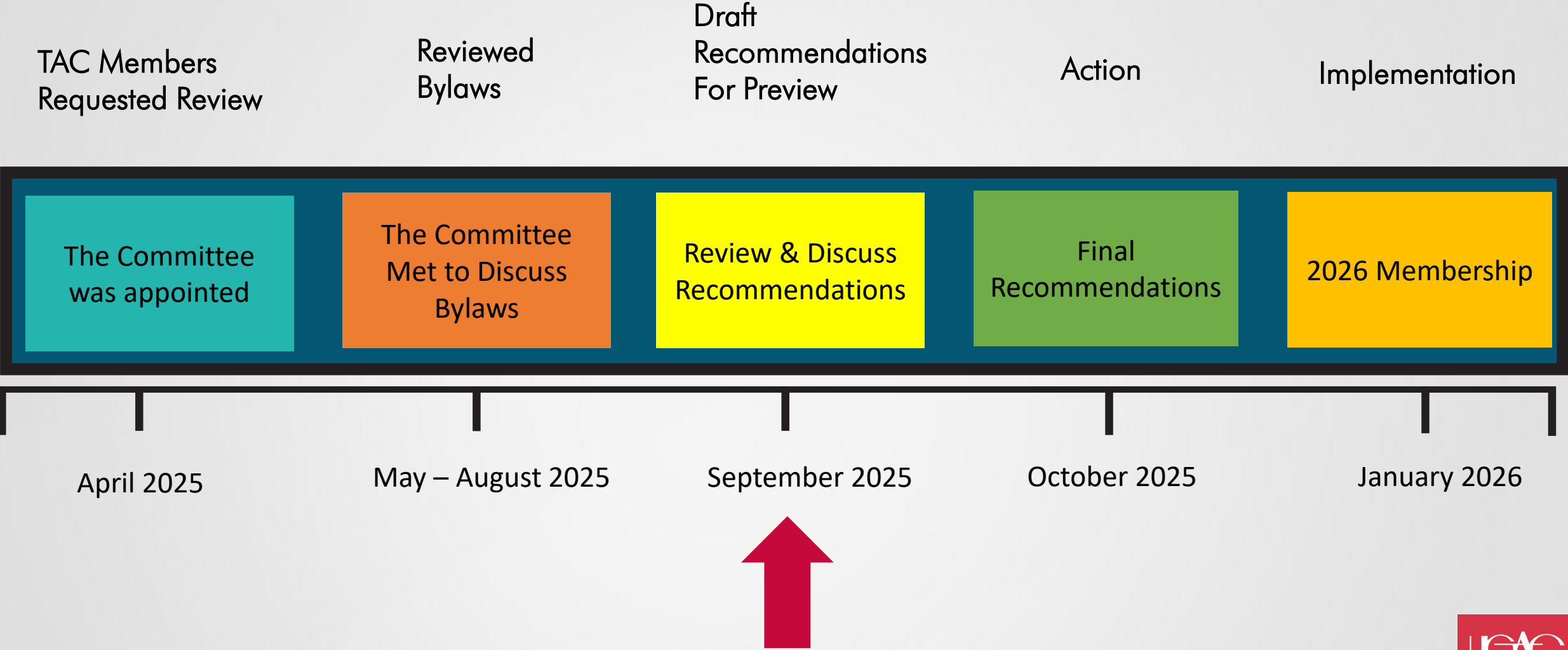


# Purpose

- The Transportation Advisory Committee's Bylaws define the purpose, membership, quorum requirements, and other rules for conducting TAC meetings.
- Members expressed an interest in reviewing TAC Bylaws & TAC Subcommittee Bylaws.



# We Are Here





# TAC Membership Structure

TAC MEMBERSHIP					
CURRENT			PROPOSED		
Entity	Voting #	Who Appoints?	Entity	Voting #	Who Appoints?
Counties	8	1 each county; self appointed	Counties	8	self appointed, 1 each county
Cities >50K	10	1 each city, self appointed	City of Houston	3	self appointed, can include mgmt dist
			Other Cities >50K	9	self appointed, 1 each city
			The Woodlands	1	self appointed
Cities <50K	3		Cities < 50K	8	1 each county, appt. by respective county
TxDOT (1 each)	2	self appointed	TxDOT (1 each)	2	self appointed
Airports	1	TPC	Houston Airport System	1	self appointed
Port Houston	1	self appointed	Port Houston	1	self appointed
Ports	1	TPC	Port Freeport	1	self appointed
			Gulf Coast Rail District	1	self appointed
Toll Roads	2	TPC	HCTRA	1	self appointed
			Montgomery County Toll	1	self appointed
			Fort Bend County Toll	1	self appointed
METRO	1		METRO	1	self appointed
Public Trans. Agcy	3	TPC	Harris County Transit	1	self appointed
			The Woodlands Transit	1	self appointed
			Fort Bend Transit	1	self appointed
Active Trans.	2	TPC	Active Transportation	1	Recruit/vet by staff; TPC approves, 2 yr term
Business Int.	2	TPC	Business/Eco Devo	1	Recruit/vet by staff; TPC approves, 2 yr term
			Freight	1	Recruit/vet by staff; TPC approves, 2 yr term
Regional Planning	1	HGAC Board	TOTAL	45	
Environmental	2	TPC			
Planning	3	TPC			
Citizen Interest	2	TPC			
TOTAL	44				



# TAC Recommendation Highlights

- Committee Name Change: “Transportation Advisory Committee” to “Technical Advisory Committee”
- Membership to mirror Transportation Policy Council Membership
- Self Appointed positions serve for indefinite terms
- At-Large positions serve for 2-year terms
- TAC written notice and draft agenda, shall be provided 7 day prior to the meeting
- TAC Packet to be provided at least 72 hours before the meeting



# Contact Information

For further questions or comments, please reach out to the following:

Chair, Jason Smith

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or

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Jamila Owens, Assistant MPO Director

[Jamila.Owens@h-gac.com](mailto:Jamila.Owens@h-gac.com)







# Item 7. Transportation Conformity and RTP Update



Stephen Keen  
Andrew DeCandis

Transportation Advisory Committee  
September 10, 2025



# 2045 RTP Update – Amendment Details



- Staff has updated the Regional Transportation Plan (RTP) listing in anticipation of the 2025 Transportation conformity determination.
  - Coordinated with 70+ sponsors to review 1,000+ projects.
- ✓ **Fiscally Constrained Project List**
  - Expenditures = \$131 billion
  - Revenues = \$141 billion
- ✓ **Addition of Projects**
  - Project Selection Process (PSP)
  - Project Development Process (PDP)
- ✓ **Removal of Projects**
  - Completed
  - Let
  - Removed
  - Cancelled



# 2045 RTP Update - Amendment Details



## ■ Part I: Non-Exempt Projects

- Regionally Significant Projects are limited to principal arterials or higher, and do the following:
  - Provide additional through traffic lanes greater than 1 mile
  - Construct a bypass to a principal arterial/interstate along a new alignment
  - Add or extend freeway auxiliary lanes from one interchange to a point beyond the next interchange.
  - Construct a new interchange that provides access from or allows movement between facilities that was not previously possible
  - Remove an existing interchange resulting in the elimination of access from or movement between facilities which previously existed.
  - Any transit facility with an exclusive fixed guideway that offers an alternative to highway travel (light rail, commuter rail, BRT, HOV).



# 2045 RTP Update - Amendment Details



- **Part II: Non-Regionally Significant or Exempt from Regional Emissions Analysis Projects**
  - Allowed to move towards implementation in absence of conformity.
  - EREA Examples (*40 CFR 93.127*): intersection signalization, channelization, and reconfiguration, bus terminals and transfer points.
- **Part III: Exempt Projects**
  - Allowed to move towards implementation in absence of conformity (*40 CFR 93.126*).
- **Part IV: Let Projects**
  - Projects let since last conformity determination (November 2023)



# What is Transportation Conformity?

- A Federal statutory requirement to ensure that air quality in nonattainment regions like ours is not negatively impacted by transportation planning and funding efforts
- Conformity analysis is required whenever new regionally significant projects are added to a TIP or RTP

Current project list includes 197  
regionally significant projects



# Conformity Process

Two step process:

1. The MPO develops an initial transportation conformity analysis at the local level, then works with stakeholders and the public to determine conformity
2. Federal Highway Administration (FHWA) and conformity partners from the regional, state, and federal levels review and make a joint transportation conformity determination at the federal level





# Current Status

Milestone	Date/Range	Status
Project Listing Review/Revisions	January 15 - March 15, 2025	✓
Travel Demand Model Network Development	February 1 - June 15, 2025	✓
Conformity Partner Kick-off Meeting	March 11, 2025	✓
Pre-Analysis Consensus Development/Review	March 15 - May 15, 2025	✓
Travel Model Network Review	April 15 - May 14, 2025	✓
Travel Demand Model Analysis	May 15 - June 14, 2025	✓
Emissions Analysis	June 15 - August 14, 2025	✓
Documentation Development	June 15 - August 31, 2025	✓
TAC/TPC Information/Approval	September 10 – October 24, 2025	—
Public Meetings and Comment Period	Public Meeting: September 17, 2025 Comment Period: September 10 – October 10, 2025	—
Consultative Partner Review Period	Est. Oct. 24, 2025 - February 22, 2026	—
FHWA Conformity Determination	Est. No later than February 22, 2026	—



# Applicable Air Quality Standards

- Our region is currently in nonattainment for two 8-hr Ozone Standards
  - 2008 8-hr Ozone standard (75 ppb) - Severe Designation
  - 2015 8-hr Ozone standard (70 ppb) - Serious Designation
- Motor Vehicle Emissions Budgets are determined by the State (TCEQ) and approved by the Federal govt. (EPA)
- Our region must conform to the most stringent budget currently in place



# Draft Transportation Conformity Results

## Conformity Analysis Results versus Emission Budgets from RFP SIP Serious Classification for 2008 8-hr Ozone Standard – EPA Approved

Year	NOx Budget (tons/day)	NOx Emissions (tons/day)	VOC Budget (tons/day)	VOC Emissions (tons/day)	VMT
2023	87.69	62.07✓	57.70	35.42✓	195 M
2026	87.69	49.60✓	57.70	29.89✓	205 M
2030	87.69	42.36✓	57.70	25.91✓	221 M
2040	87.69	41.41✓	57.70	22.68✓	261 M
2045	87.69	43.86✓	57.70	22.80✓	280 M

NOx- Nitrogen Oxides

VOC-Volatile Organic Compounds

VMT-Vehicle Miles Traveled





# Draft Transportation Conformity Results

## Conformity Analysis Results versus Emission Budgets from RFP SIP Serious Classification for 2015 8-hr Ozone Standard – EPA Pending

Year	NOx Budget (tons/day)	NOx Emissions (tons/day)	VOC Budget (tons/day)	VOC Emissions (tons/day)	VMT
2023	67.77	62.07✓	37.27	35.42✓	195 M
2026	56.12	49.60✓	31.88	29.89✓	205 M
2030	56.12	42.36✓	31.88	25.91✓	221 M
2040	56.12	41.41✓	31.88	22.68✓	261 M
2045	56.12	43.86✓	31.88	22.80✓	280 M

NOx- Nitrogen Oxides

VOC-Volatile Organic Compounds

VMT-Vehicle Miles Traveled



# Public Comment Period

Comment Period Open: September 10 – October 10



Website: [www.h-gac.com/transportation-conformity/2025](http://www.h-gac.com/transportation-conformity/2025)

Email: [transportation.conformity@h-gac.com](mailto:transportation.conformity@h-gac.com)





# Thank you!

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Andrew DeCandis, Manager, Air Quality

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# Item 8. Congestion Management Process Update

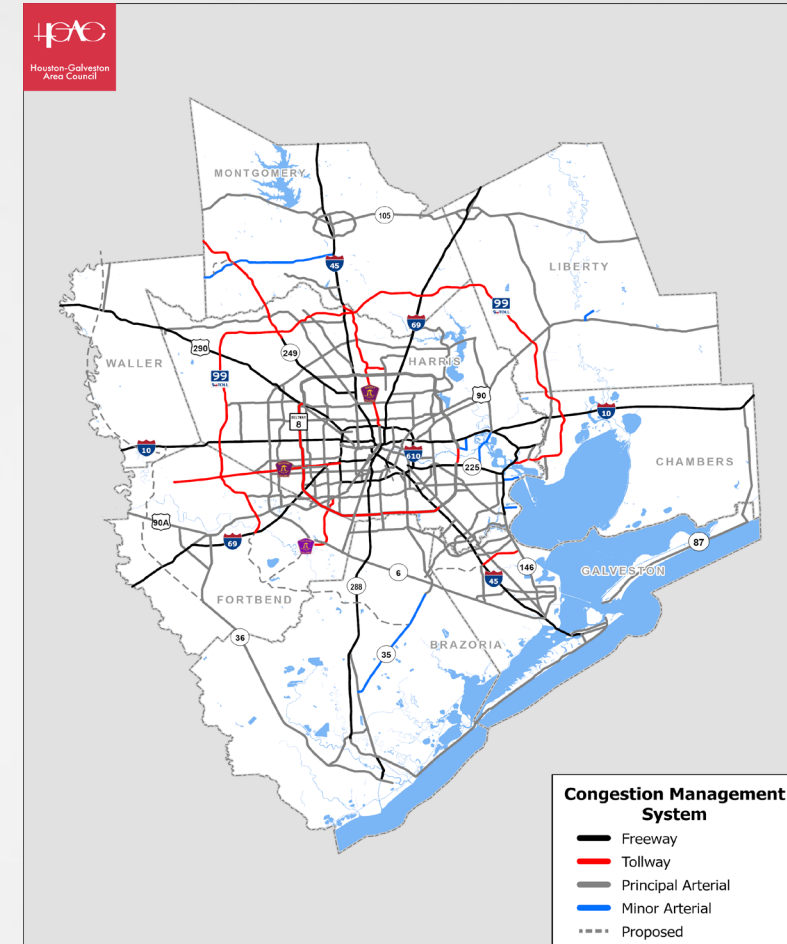


Alan Rodenstein, AICP  
September 10, 2025



# Overview of the Congestion Management Process (CMP)

- The Federal Highway Administration (FHWA) defines congestion as:
  - ✓ The level at which the transportation system performance is no longer acceptable due to traffic interference.
- The Congestion Management Process describes the overall effort to manage congestion, and the Congestion Management Plan is a specific completed report to address congestion moving forward.
- Metropolitan Planning Organizations serving Transportation Management Areas are required to develop a Congestion Management Process and update it periodically.

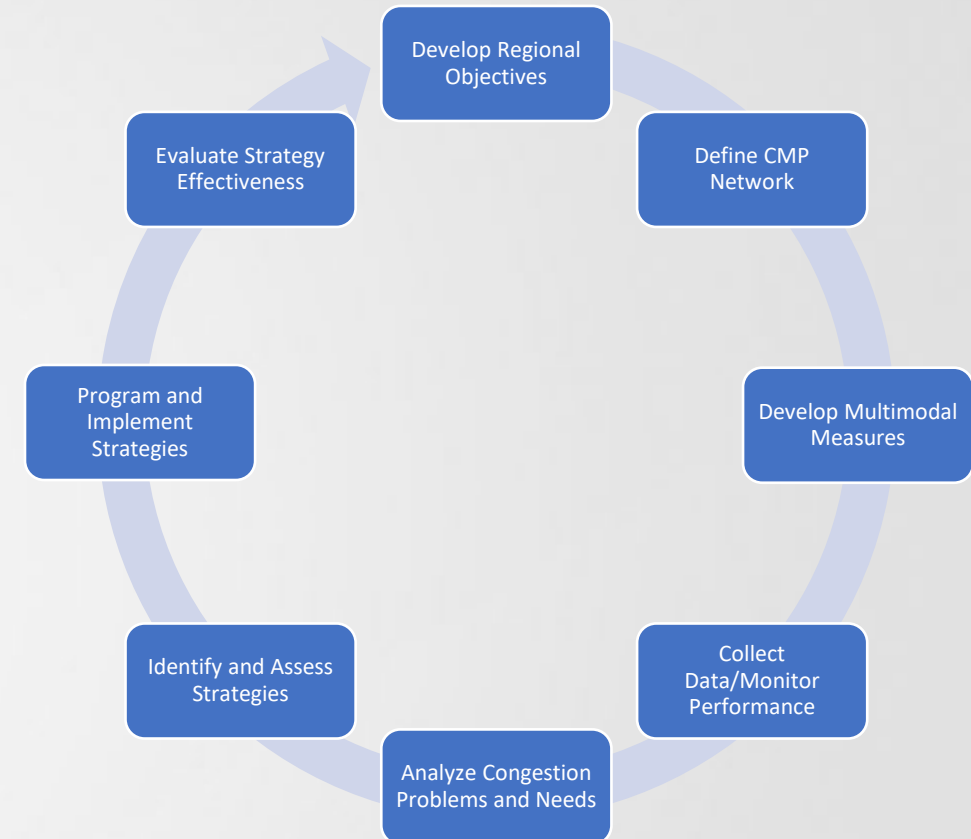




# Overview of the Congestion Management Process (CMP), Cont'd

Provides a continuous means to develop strategies and address the region's congestion challenges.

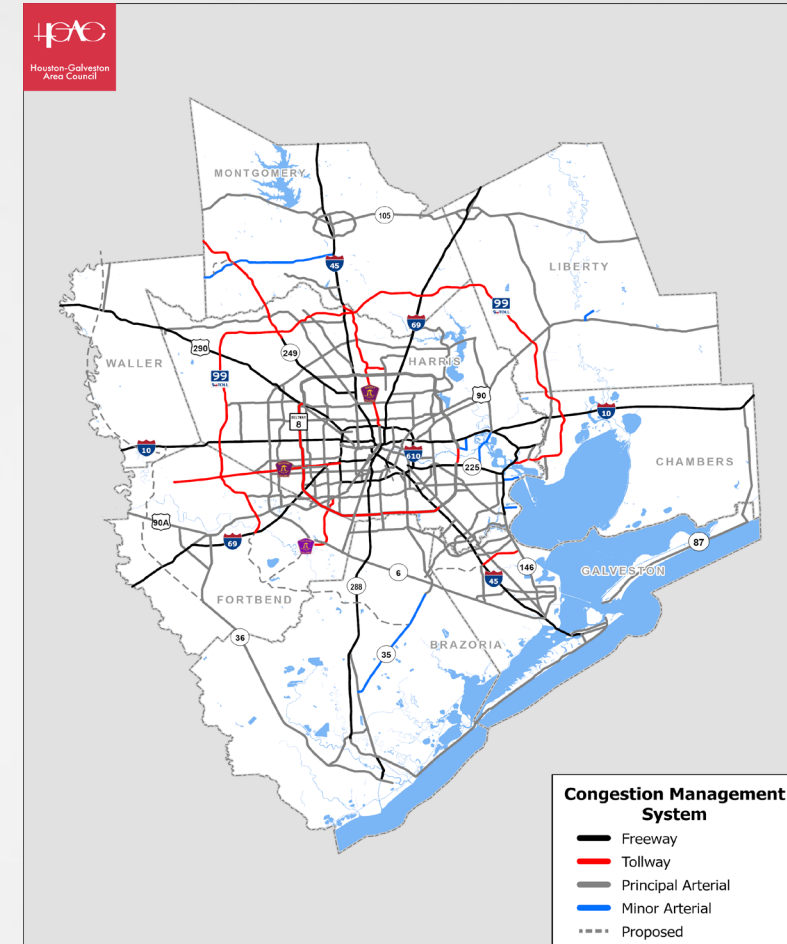
- CMP informs and feeds into the long-term and short-term surface transportation improvement plans:
  - ✓ Long-Term Regional Transportation Plan (RTP)
  - ✓ Ten-Year Plan
  - ✓ Short-Term Transportation Improvement Program (TIP)
- The process improves regional strategic decision-making and encourages project design to mitigate the conditions impacting congestion.





# Regional Congestion Management Process

- 2008 – Initial Process Developed
- 2015 – Cambridge Systematics led Update.
- 2021 – Internal Update to align with current practice.
- 2025
  - Congestion Management Principal Planner hired 2025.
  - Administrative edits, corrections. *No changes to the process itself.*
  - Procurement underway for the next major update to be completed for inclusion in the 2050 RTP.





# Summary of Changes

- Brings up to date the Congestion Management Network maps (extension of SH99, transit lines, bikeways)
- Changes some present tense language to past tense as it discusses the pandemic, etc.
- Corrects an error on one page that incorrectly states when to apply for Congestion Management Analysis.
- Adds two missing Congestion Management Analysis questions under Other Investments.
- Adds link to a new online Congestion Management Analysis Form. No more PDFs.
- Removes discontinued software from the list of tools that are used for analysis.



# 2025 Congestion Management Process Update

## Next Steps

### ■ September – November next steps:

- September – Endorsement of the Transportation Improvement Program subcommittee (completed)
- September – Endorsement of the Regional Transportation Plan subcommittee (pending)
- **September – Information item to the Transportation Advisory Committee (TAC)**
- **September - Information item to the Transportation Policy Council (TPC)**
- October – Action item to the Transportation Advisory Committee (TAC)
- October – Action item to the Transportation Policy Council (TPC) and Publish



# Questions?

THANK YOU

Alan Rodenstein

Principal Planner | Congestion Management

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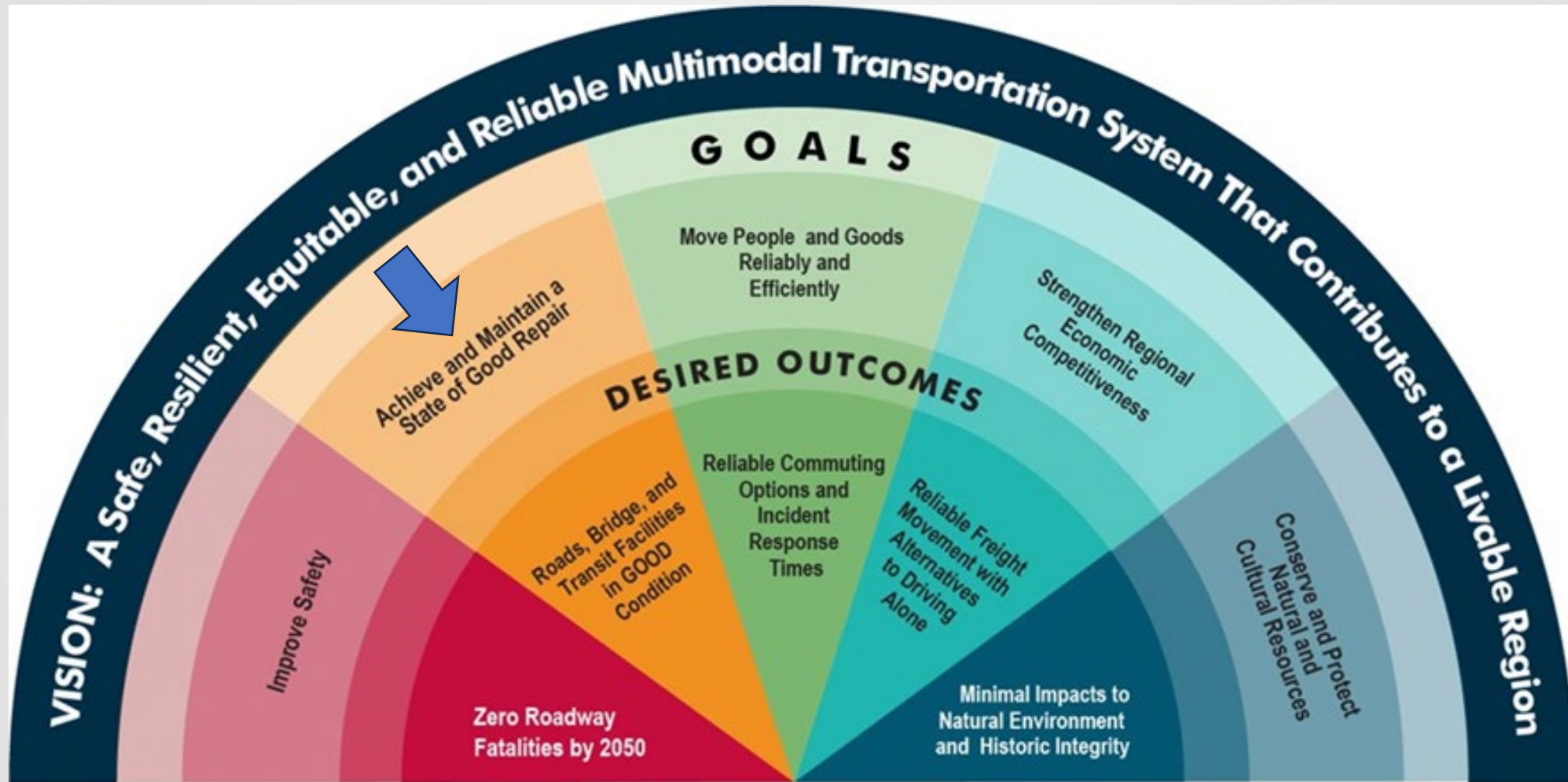
# Item 9. Pavement and Bridge Federal Performance Measures



Transportation Advisory Committee  
September 10, 2025

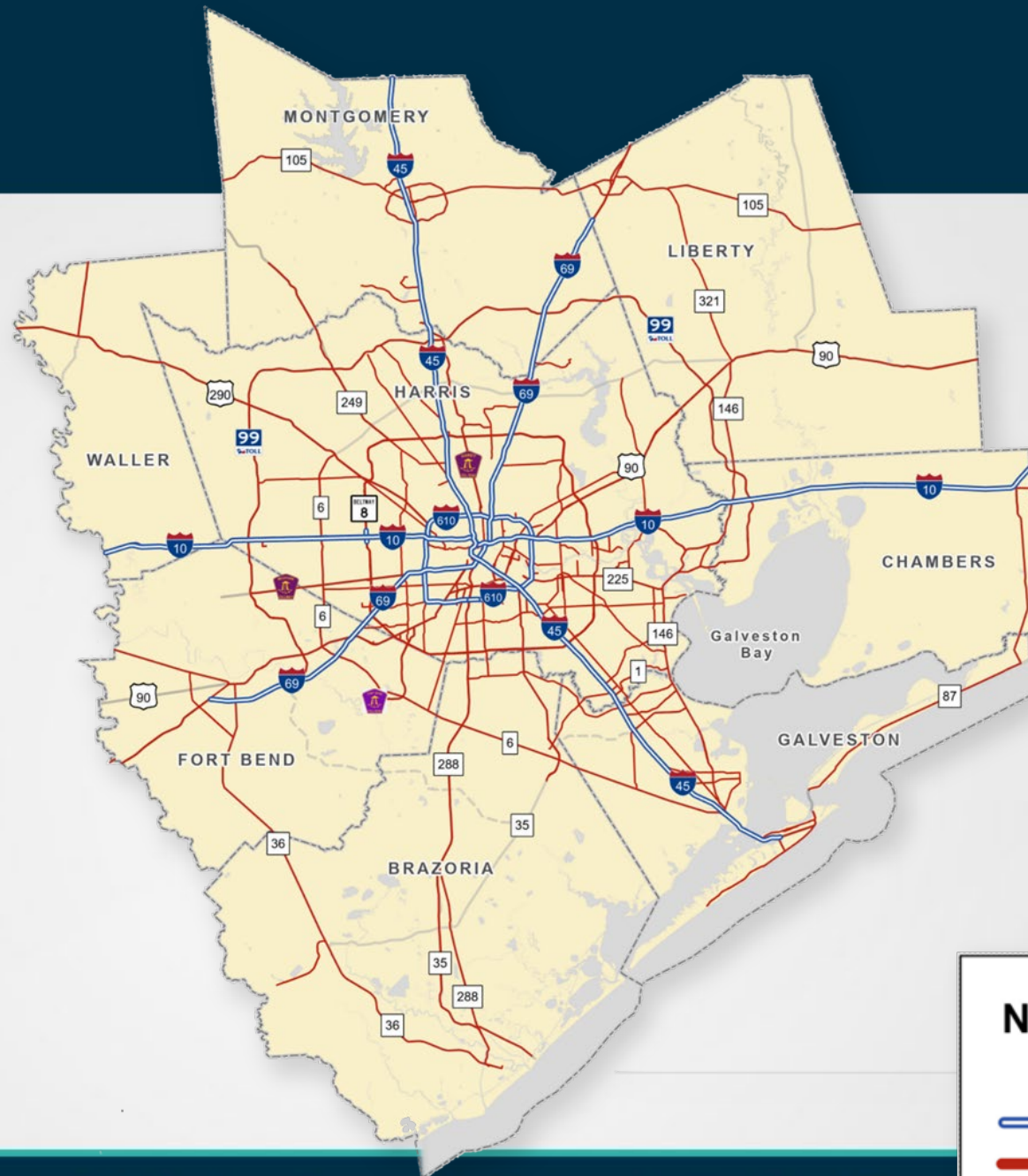


# RTP Vision, Goals & Outcomes





# National Highway System (NHS)



## National Highway System (NHS)

- Interstate NHS
- Non-Interstate NHS



# Performance Measures

- Pavement Condition of Interstates & Non-Interstate NHS Roadways
  - International Roughness Index, Cracking, and Rutting or Faulting
- Bridge Condition of all NHS bridges ratings
  - Deck
  - Superstructure
  - Substructure
  - Culvert
- Reporting of 2024 Targets & Adjusting 2026 Targets





# Analysis & Agency Coordination

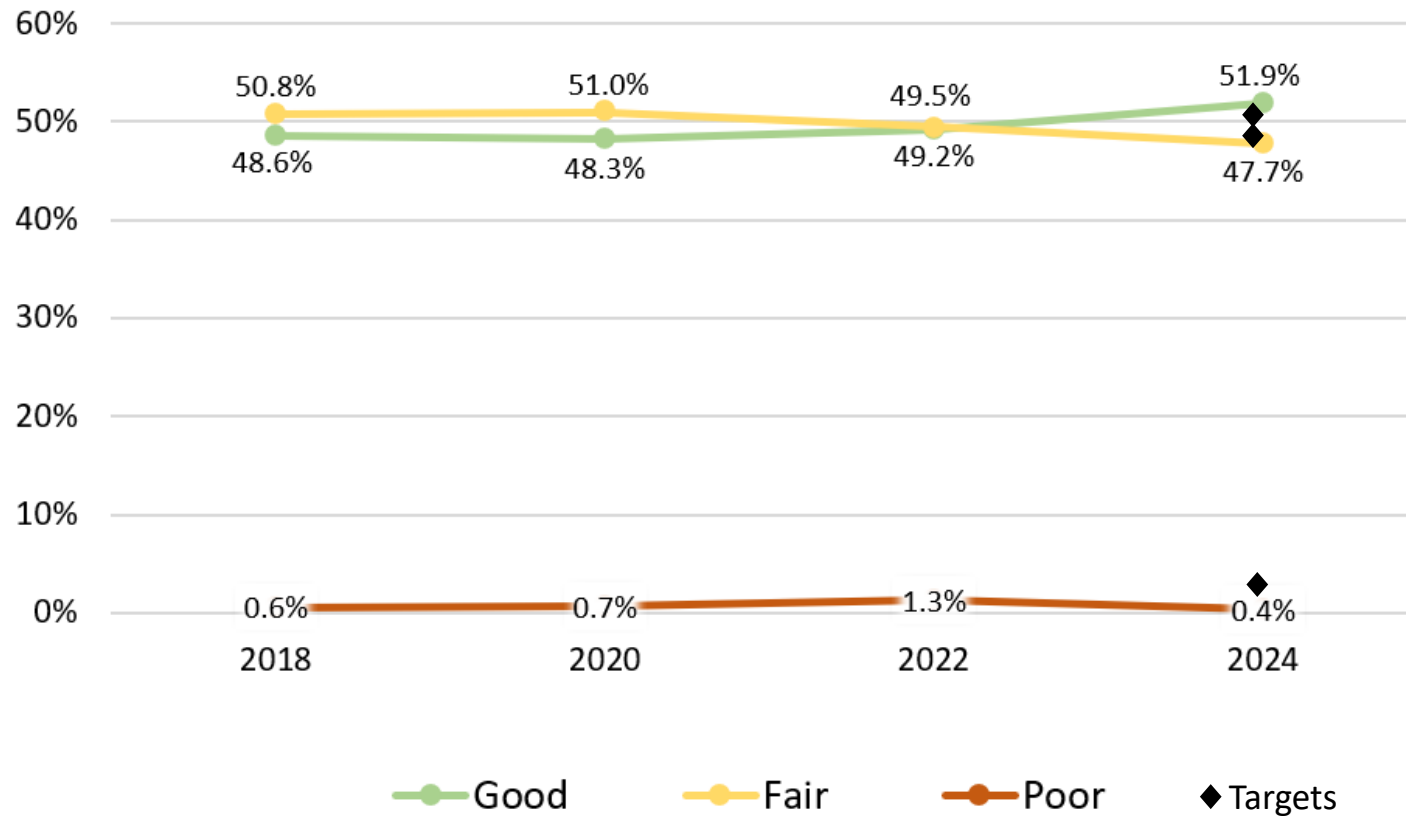


- H-GAC analysis of regional data
- Pavement condition review by owners of Non-interstate NHS
  - City of Houston
  - Fort Bend County Toll Road Authority
  - Harris County Toll Road Authority
  - Harris County
- TxDOT Houston & Beaumont Districts – maintenance investments



# Bridge Trends & Targets

Actual Conditions – Bridges



## 2024 Targets

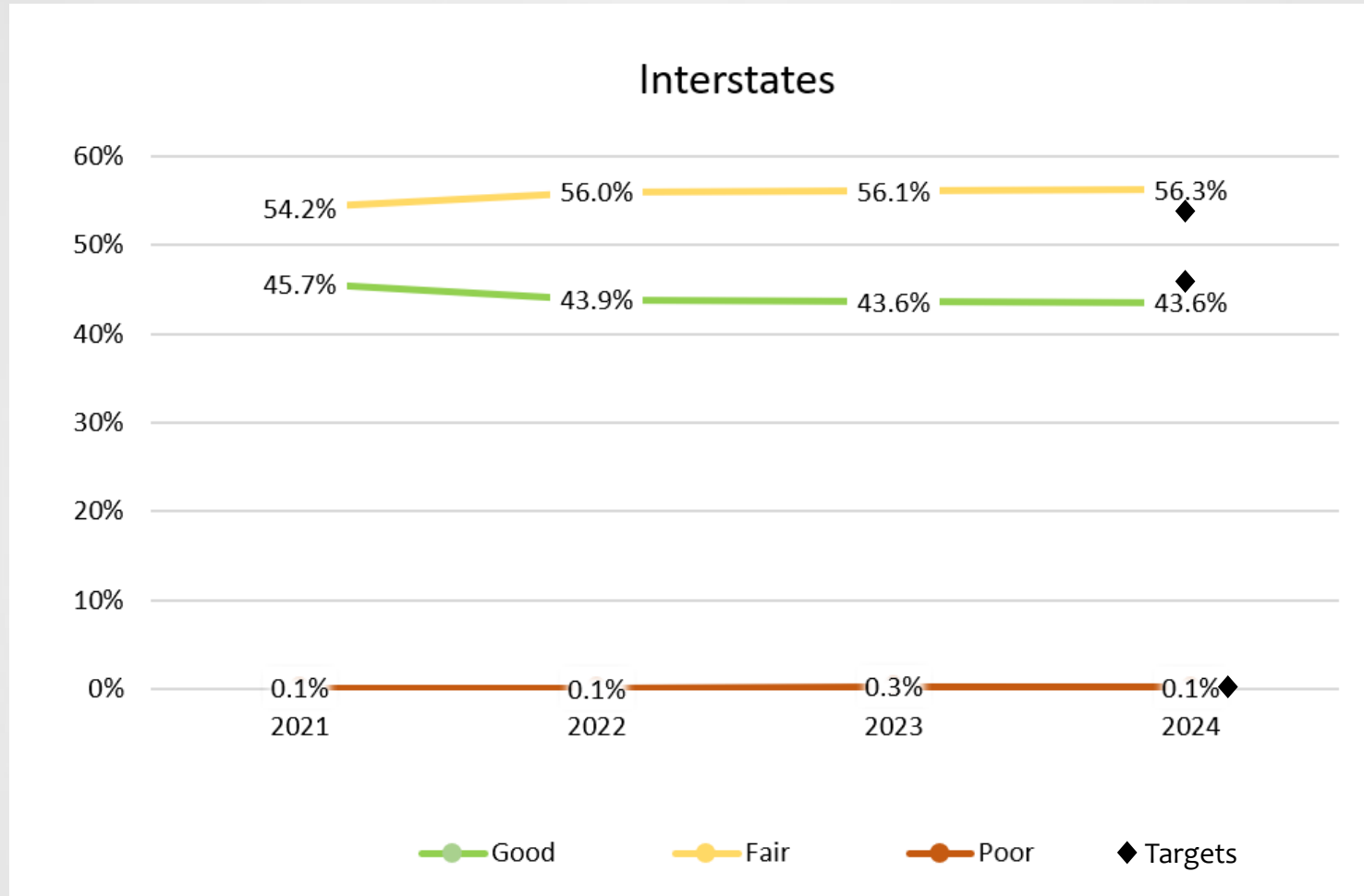
49.9% Good target met ✓

48.8% Fair target met ✓

1.3% Poor target met ✓



# Pavement Conditions & Targets



## 2024 Targets

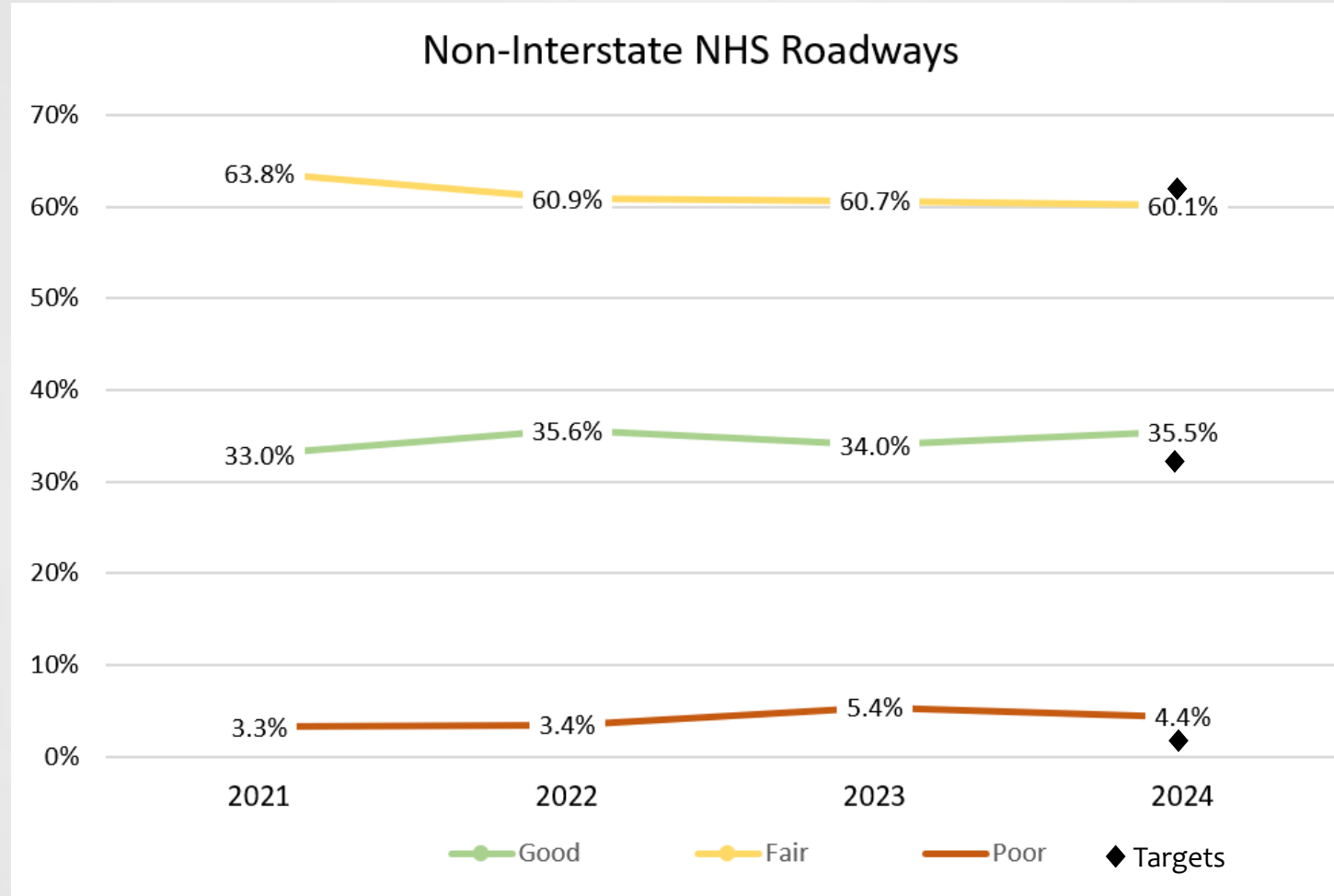
54.2% Fair target not met

45.7% Good target not met

0.1% Poor target met ✓



# Pavement Conditions & Targets



## 2024 Targets

62.1% Fair target met ✓

34.7% Good target met ✓

3.2% Poor target not met



# Target Setting Methodology



- In 2022, Target Setting Options for 4-year Performance Period:
  - Support TxDOT's statewide targets (flat or very slight decline due to penalties)
  - Establish regional targets (better conditions)
- Transportation Policy Council established regional targets
  - Methodology based on a 4-year moving average for 2024 and holding flat for 2026.
  - Methodology similar to TxDOT's



# 2024 Recap & 2026 Targets

BRIDGES					
Condition	Desired Trend	24 & 26 Targets	24 Actuals	24 Targets Met?	Delta Percentage Points
Good	↑	49.9%	51.9%	✓	2.0
Fair	↓	48.8%	47.7%	✓	1.1
Poor	↓	1.3%	0.4%	✓	0.9

24 Targets – 4-year moving averages  
26 Targets – held flat



# 2024 Recap & 2026 Targets

PAVEMENT		Interstate				Non-Interstate			
Condition	Desired Trend	24 & 26 Targets	24 Actuals	24 Target Met?	Delta Percentage Points	24 & 26 Targets	24 Actuals	24 Target Met?	Delta Percentage Points
Good	↑	45.7%	43.6%	No	2.1	34.7%	35.5%	✓	0.8
Fair	↓	54.2%	56.3%	No	2.1	62.1%	60.1%	✓	2.0
Poor	↓	0.1%	0.1%	✓	0	3.2%	4.4%	No	1.2

24 Targets – 4-year moving averages  
26 Targets – held flat



# Addressing the Needs

Continue Pavement  
& Bridge  
Management  
Systems to identify  
needs

Scheduled  
maintenance &  
reconstructions are  
addressing worst  
conditions

Roadway  
investments have  
positive impacts to  
State of Good Repair



# Regional Investments

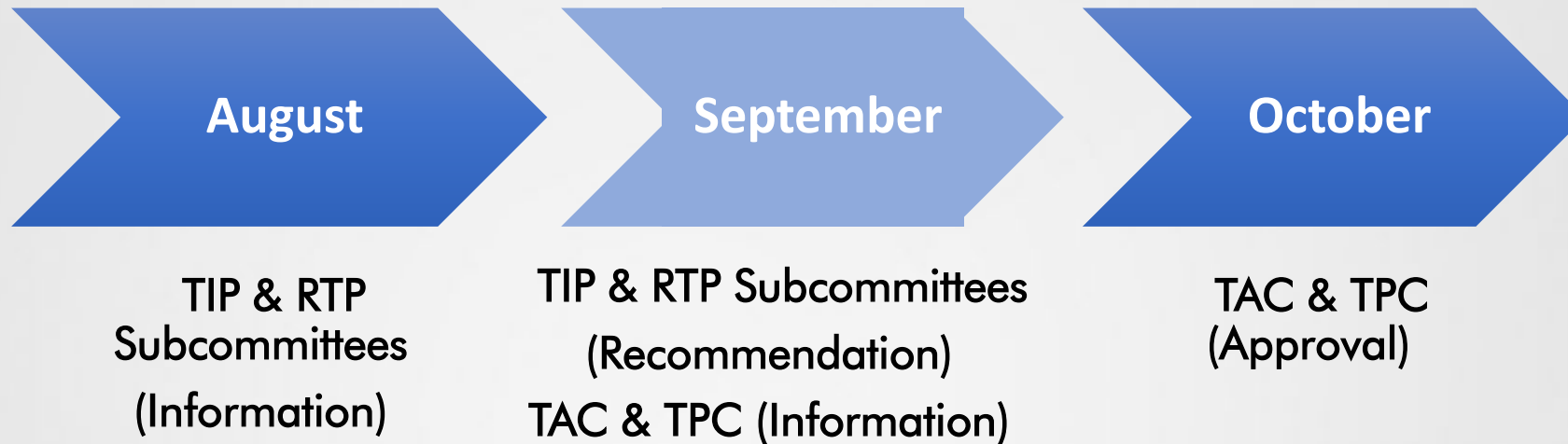
- Dedicated Funding Sources (TxDOT)

FY 2025 - 2028	NHS	Non-NHS	All Roadways
Pavement (Category 1)	\$ 442 M	\$ 315 M	\$ 757 M
Bridge (Category 6)	\$ 55 M	\$ 82 M	\$ 137 M
Total	\$ 497 M	\$ 397 M	\$ 894 M

- H-GAC's Project Selection Process – State of Good Repair & Resiliency
- TxDOT's Unified Transportation Plan (UTP) - 10-Year Plan



# Timeline



TIP – Transportation Improvement Program Subcommittee  
RTP – Regional Transportation Plan Subcommittee

TAC – Transportation Advisory Committee  
TPC – Transportation Policy Council



# Contact Information



Karen Owen

Senior Planner

Project Programming & Development

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832-681-2614





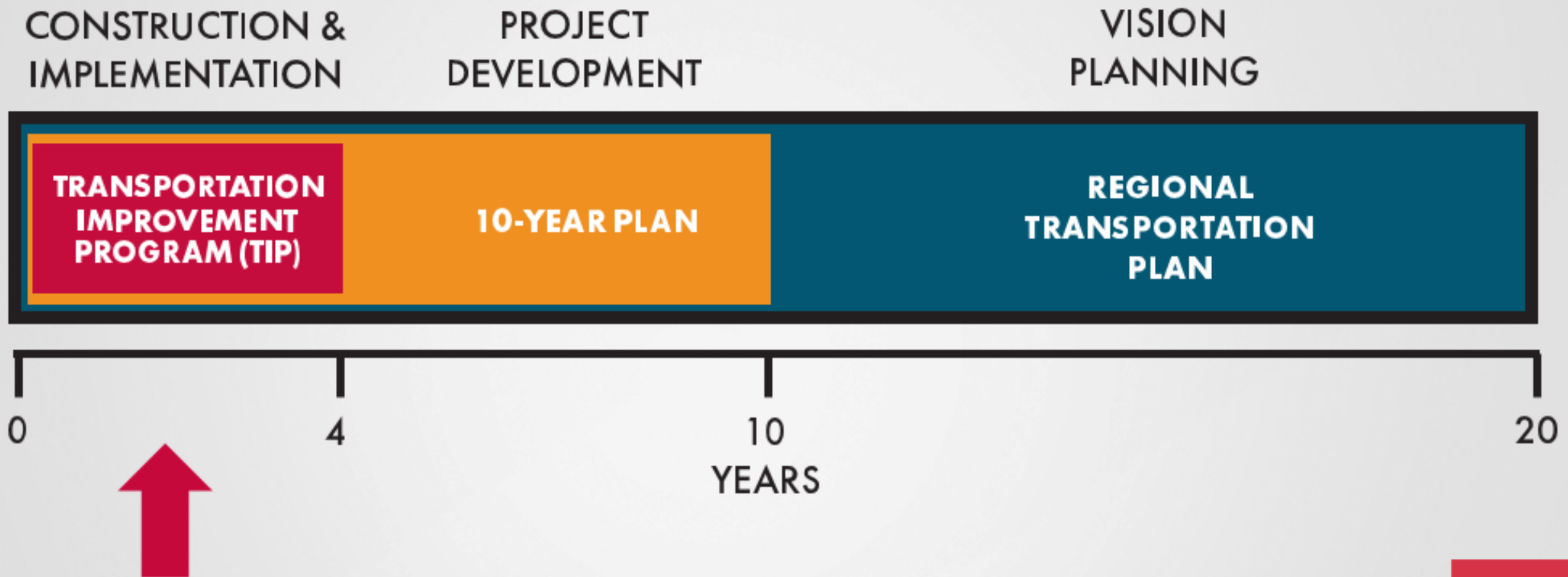
# Item 10A. Administrative Amendments to 2025-2028 TIP and 2045 RTP



Transportation Advisory Committee  
September 10, 2025



# We Are Here



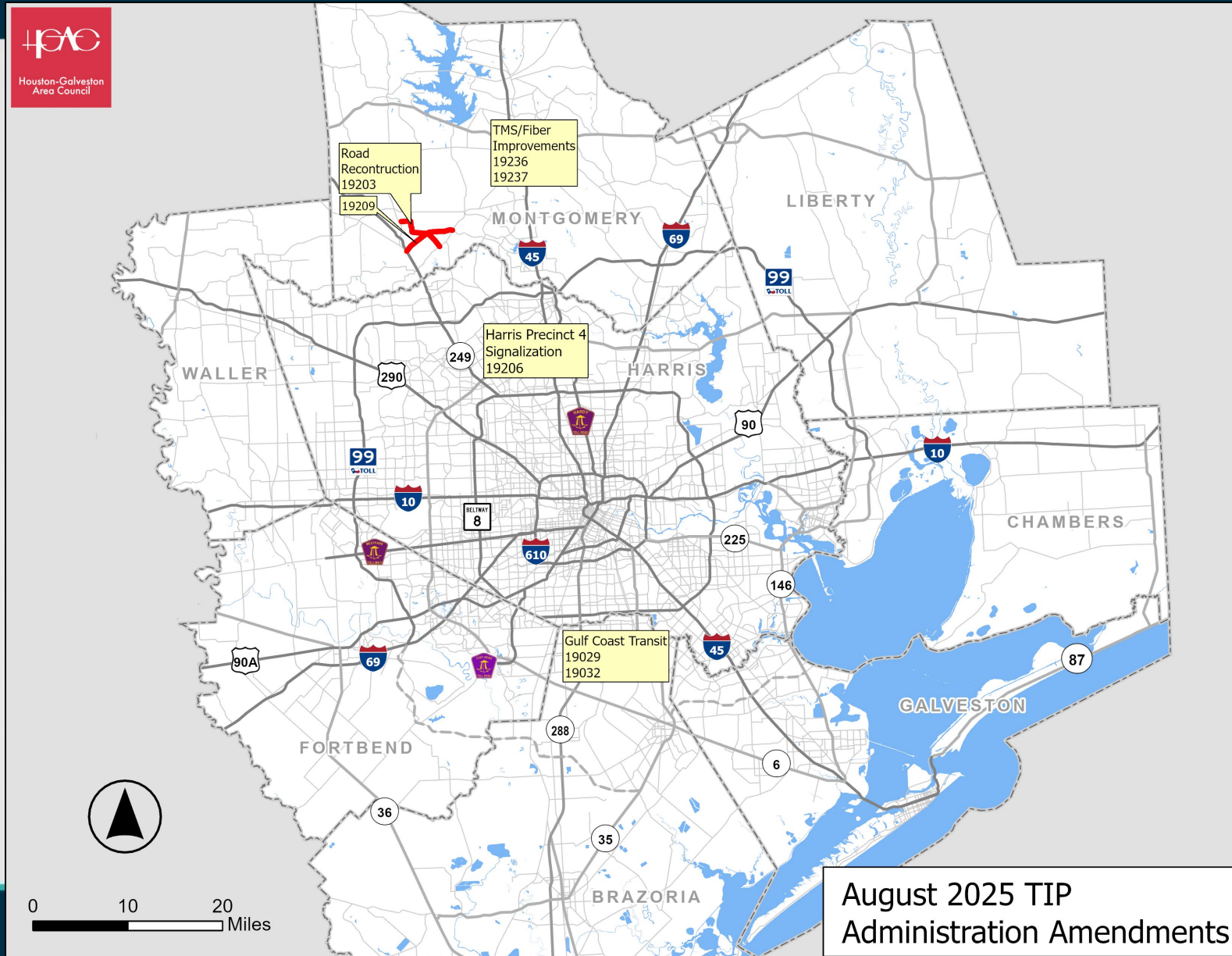


# Administrative TIP Amendments

- Add Engineering as authorized phase to Montgomery County FY 2026 projects: roadway reconstructions (MPO IDs 19203, 19209); TMS implementation (MPO ID 19236); Fiber connections (MPO ID 19237) at the County's request. \*Delay MPO ID 19236 to FY 2026.
- Delay Gulf Coast Transit District's Cat-10 funded maintenance projects (MPO IDs 19029, 19032) from FY 2025 to FY 2026 due to budget constraints.
- Modify five signal locations of Harris County Precinct-4's Traffic Signals Project (MPO ID 19206) at the County's request.
- Cancel North Houston District's Cat-10 funded Imperial Valley Walking & Biking Connections (MPO ID 19034) from Statewide Bicycle & Pedestrian Program at the District's request due to a change in priorities.



# Administrative TLP Amendments





# Action Requested

- ✓ Approved for August 2025
- Review and discussion only





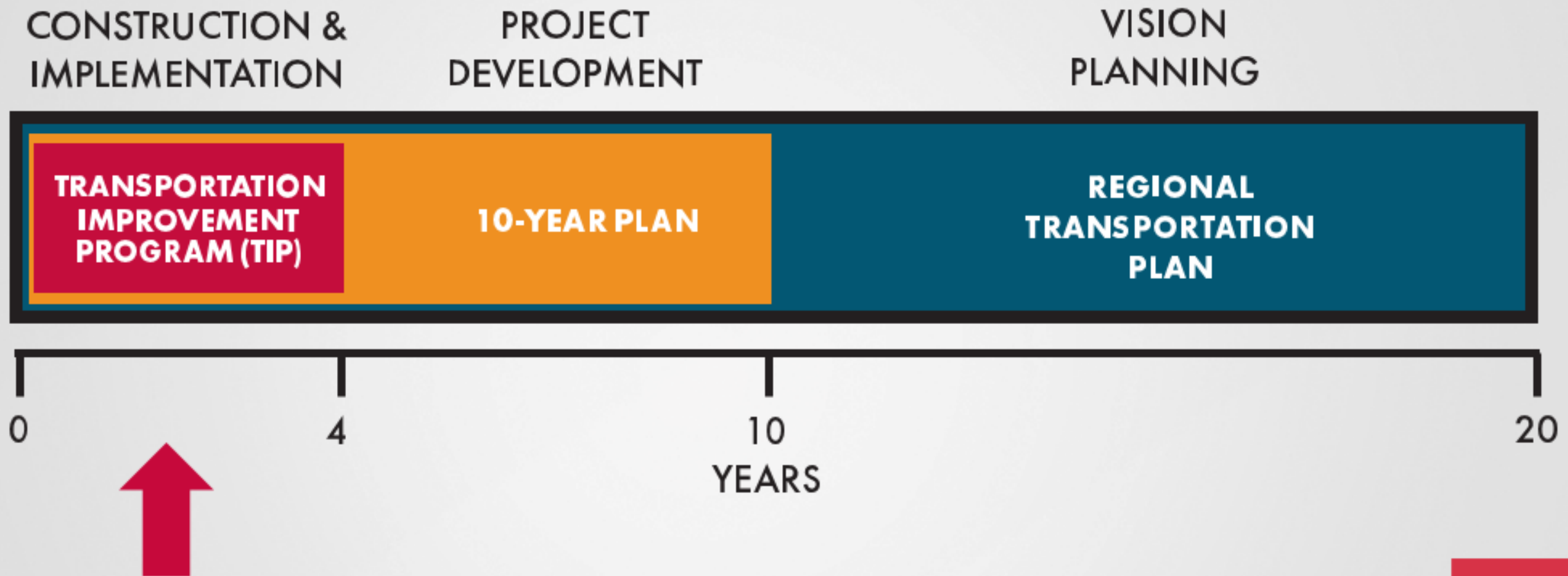
# Item 10B. Future Amendments to 2025-2028 TIP and 2045 RTP



Transportation Advisory Committee  
September 10, 2025



# We Are Here





# Future 2025-2028 TIP Amendments

- Delay 9 TxDOT Houston District construction projects on various roadways (MPO IDs 209, 282, 290, 17221, 17233, 18048, 18156, 18516, 18721) to FYs 2029-2033 of 10Y Plan to match the FY 2026 TxDOT Unified Transportation Program approved by Texas Transportation Commission on August 21, 2025.
- Delay 8 TxDOT Houston District construction projects on various roadways (MPO IDs 965, 7564, 14249, 17224, 18402, 18514, 19023, 19024) to FY 2028 of TIP and FYs 2029-2030 of 10Y Plan due to TxDOT's statewide level letting process.



# Future 2025-2028 TIP Amendments

- Delay the City of Pearland's Mykawa Road widening (MPO ID 17082) to FY 2029 the 10Y Plan due to TxDOT's statewide level letting.
- Delay METRO's Inner Katy Corridor bus rapid transit construction (MPO ID 18405) to FY 2033 of 10Y Plan due to TxDOT's statewide level letting.
- Delay Lake Houston Redevelopment Authority's Northpark Drive construction (MPO ID 18033) to FY 2029 of 10Y Plan due to TxDOT's statewide level letting.
- Delay the City of League City's Landing Blvd widening and reconstruction (MPO ID 17080) to FY 2029 in 10Y Plan due to TxDOT's statewide level letting. Add \$2.3M of federal/local STBG funds to relocate a utility tower.



# Future 2025-2028 TIP Amendments

- Delay 18 TxDOT Houston District Right-of-Way acquisition projects on various roadways (MPO IDs 18977, 18978, 18979, 18980, 18981, 18982, 18983, 18984, 18985, 18986, 18988, 18989, 18994, 18995, 18996, 18997, 18998, 18999) to FY 2028 and 2029-2035 of 10Y Plan due to Right-of-Way program budget constraints.
- Delay City of Tomball's FM 2920 reconstruction (MPO ID 17085) to FY 2029 of 10Y Plan per agreement between the City and TxDOT Houston District.
- Delay 4 of METRO's capital construction and system implementation projects (MPO IDs 18260, 18761, 18762, 18846) from FY 2025 to FY 2026 at METRO's request.



# Future 2025-2028 TIP Amendments

- Add engineering as authorized phase to TxDOT Beaumont District's FM 565 widening (MPO ID 17113) with additional \$4.3M of federal/state Cat-2 funding and delay to FY 2027 at the District's request.
- Add \$1.3M of federal/state CMAQ funding split 50/50 to TxDOT Beaumont District's FY 2023 SH 105 widening & turn bay project (MPO ID 18031).
- Add \$3.5M of federal/state CMAQ funding split 50/50 to TxDOT Beaumont District's FY 2025 US 90 grade separation construction at UP railroad (MPO ID 18036).



# Future 2025-2028 TIP Amendments

- Add \$2.3M of federal/state CMAQ funds to TxDOT Beaumont District's FY 2026 US 90 grade separation construction at FM 1413 (MPO ID 19187) to cover increased costs due to inflation.
- Add \$2.5M of federal STBG funds to Chambers County's CR 486 reconstruction (MPO ID 19078) to cover increased cost due to inflation. Add 550K TDCs in lieu of matching funds.
- Program engineering phase for City of Mont Belvieu's Eagle Drive reconstruction & widening (MPO ID 18061) with \$4.5M of federal/local STBG funds in FY 2027. Construction phase (MPO ID 19410) awarded in Project Selection Process for FY 2030.

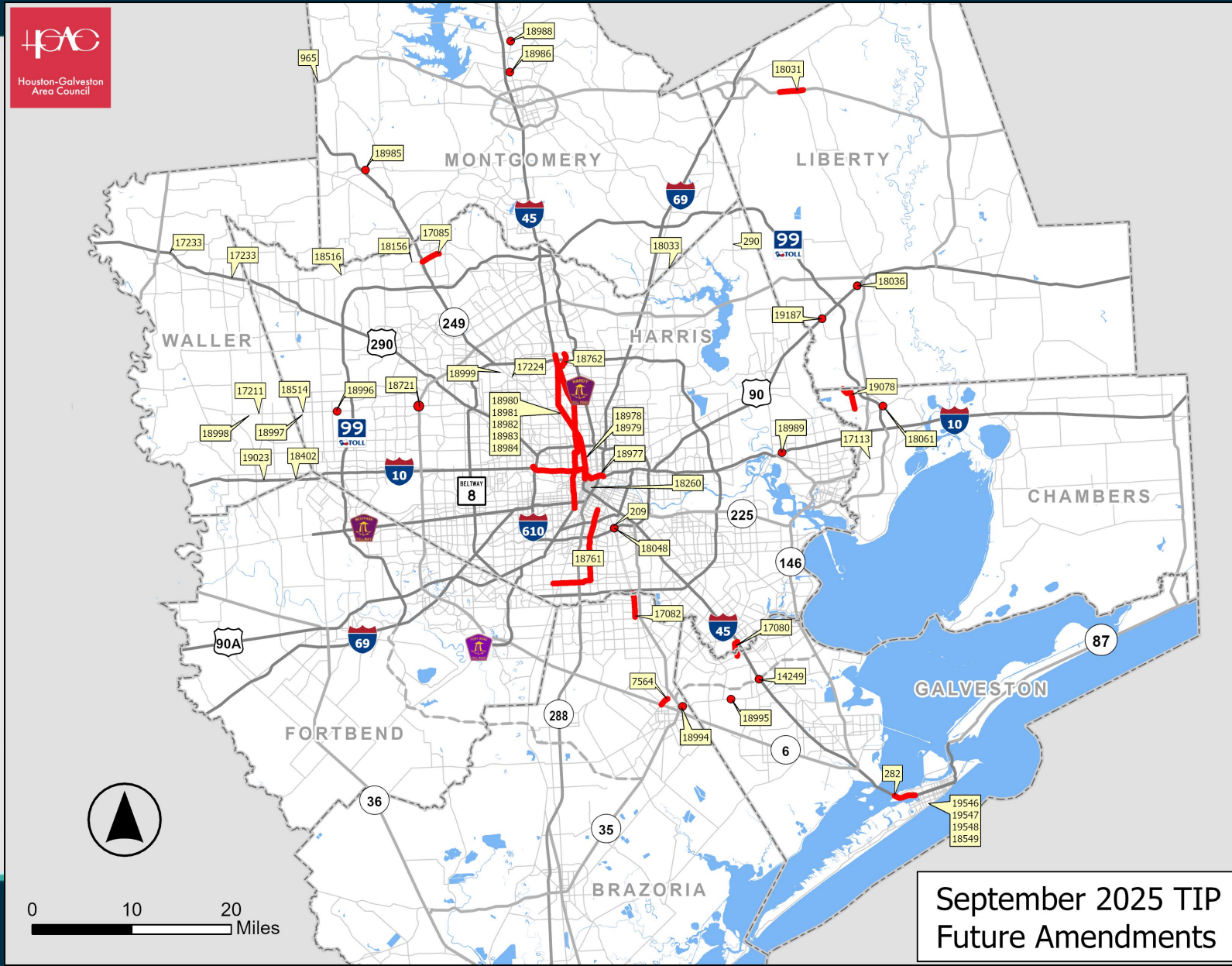


# Future 2025-2028 TIP Amendments

- Program 4 City of Galveston/Island Transit FFY 2024 and 2025 apportionments of Federal Transit Administration Section 5337, State of Good Repair Program, in FYs 2026-2028 with local matching funds (MPO IDs 19546, 19547, 19548, 19549).



# Future TIP Amendments





# Action Requested

- Review and discussion only