



# Item 7. TAC subcommittee structure

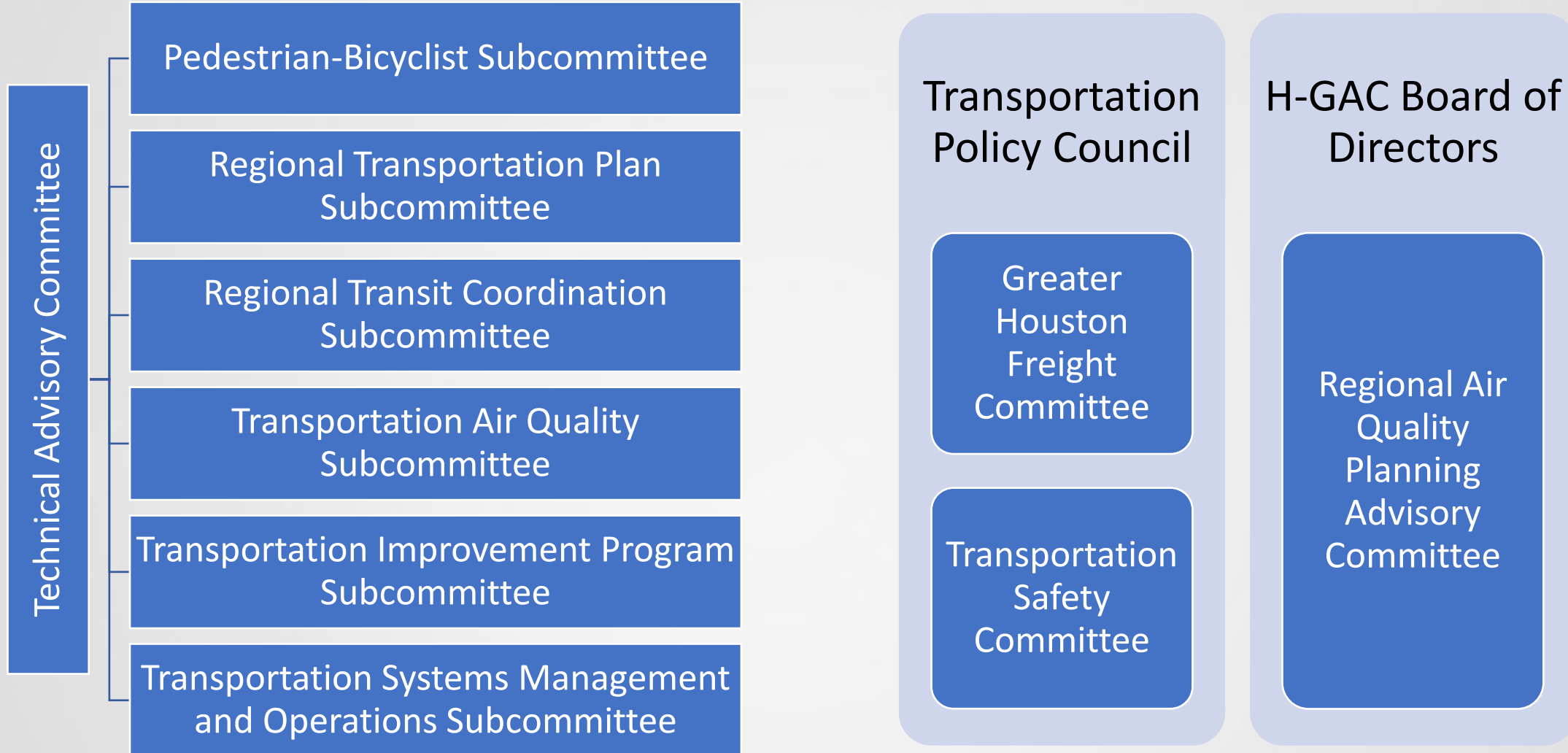


Technical Advisory Committee  
April 15, 2026

# Issues

- Overlapping and unclear roles.
- Inefficient stakeholder engagement.
- Inefficient staff use.
- Demands on agency staff.

# TAC and related subcommittees



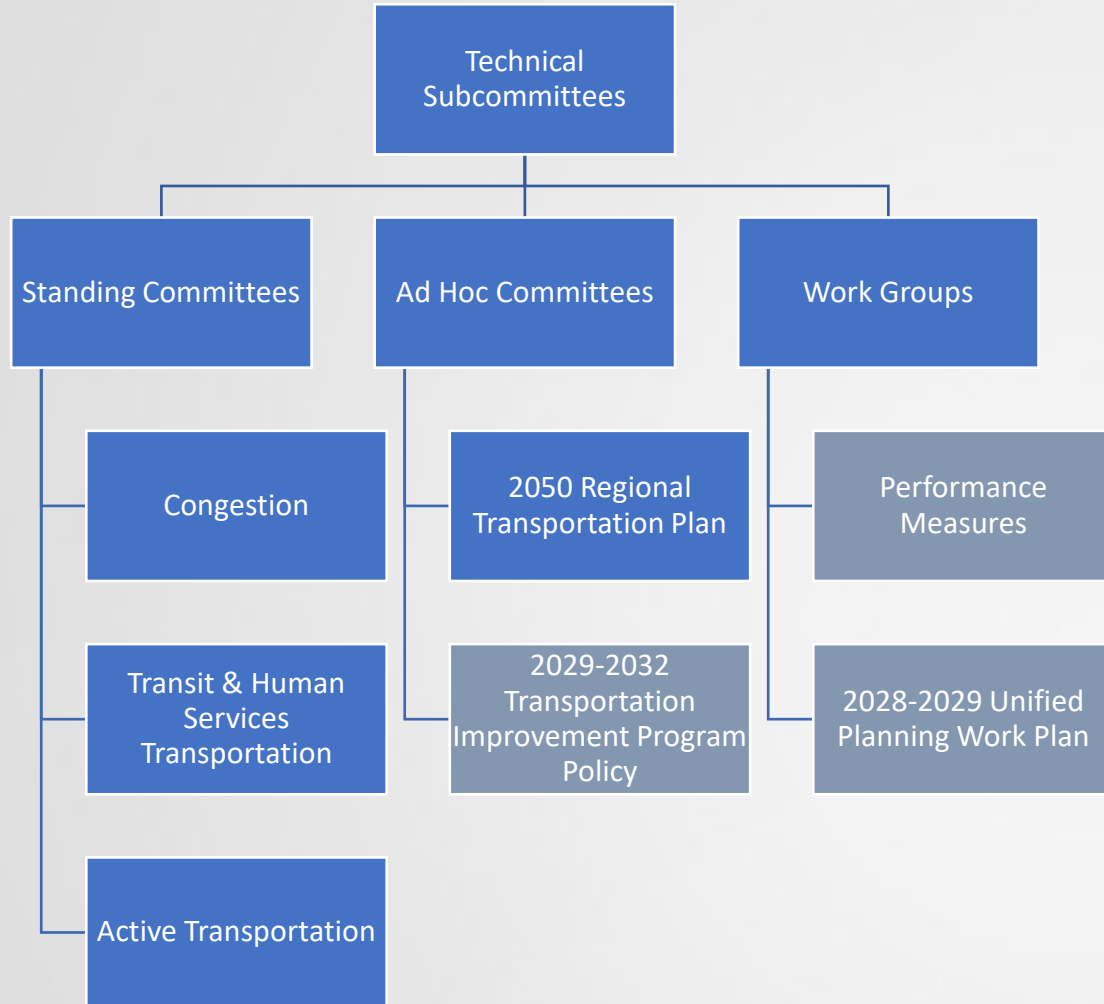
# Survey Highlights

- 59% of respondents attended most or all of their committee/subcommittee meetings in 2025
- 65% at least mostly get value from their committee/subcommittee
- Concerns:
  - Repetitive information
  - Inefficient/duplication
  - Unclear scope
- 50-50 on seeing opportunity to streamline

# TAC Technical Subcommittees-Realign

- Retain modal subcommittees as Standing Committees:
  - Regional Transit Coordination (rename **Transit & Human Services Transportation**)
  - Pedestrian & Bicyclist (rename **Active Transportation**)
- Transportation Systems Management and Operations becomes **“Congestion”**
  - Congestion Management Process
  - TSMO Plan and implementation
  - Annual Update of ITS Plan
  - Develop Criteria for Evaluation of Congestion Projects
  - Toll Roads Evaluation
  - Mobility Report
- Regional Transportation Plan Subcommittee becomes **2050 RTP Ad Hoc Committee**
- Transportation Air Quality Subcommittee dissolved – RAQPAC
- Transportation Improvement Program Subcommittee dissolved – future **Ad Hoc Committee to develop 2029-2032 TIP Policy Framework**
- Future Work Groups to assist with federal performance measure targets and Unified Planning Work Program

# Technical Subcommittees - Concept



Transportation  
Policy Council

Greater  
Houston  
Freight  
Committee

Transportation  
Safety  
Committee

H-GAC Board of  
Directors

Regional Air  
Quality  
Planning  
Advisory  
Committee

# Technical Subcommittees - Purview

## Standing Committee on Congestion

- Congestion Management Process
- Transportation System Management and Operations
- Intelligent Transportation Systems
- Toll roads analysis
- Mobility Report
- Congestion project selection criteria and evaluation

## Standing Committee on Transit & Human Services Transportation

- Regional transit provider coordination
- Regional and subregional transit service and capital planning
- Human services transportation coordination

## Standing Committee on Active Transportation

- Active Transportation Plan
- Safe routes to school
- Transportation Alternatives project selection criteria and evaluation
- Active transportation subregional planning project

## 2050 Regional Transportation Plan Ad Hoc Committee

- Guide planning process and plan development
  - Stakeholder and public engagement
  - Vision and goals
  - Existing conditions
  - Fiscal constraint
  - Needs analysis
  - Investment priorities, project selection criteria and evaluation

# Next Steps

- Affirm structure
- Refine purpose and develop guidelines for each standing committee and the new Ad Hoc committee
- Review membership
- Adopt new committee structure and guidelines
- Appoint members
- Develop work plans



# Discussion



# Staff Contact



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**713-806-5546**



# Item 8: Carry Over Spend Down (COSD) Update



Technical Advisory Committee (TAC)  
April 15, 2026

# Carry Over Spend Down (COSD)



- ❖ Before 2022, the region faced challenges in managing projects within the 4-year Transportation Improvement Program (TIP).
- ❖ Repeated rollovers into other fiscal years due to
  - Projects not meeting critical path milestones for development and delivery.
  - Projects remaining stagnant
- ❖ Carryover balances in Category 5 (CMAQ) and Category 7 (STBG) were high.
- ❖ Carryover Spend-Down Policy created to aid in reducing carryover balances across the region.

# Break Down

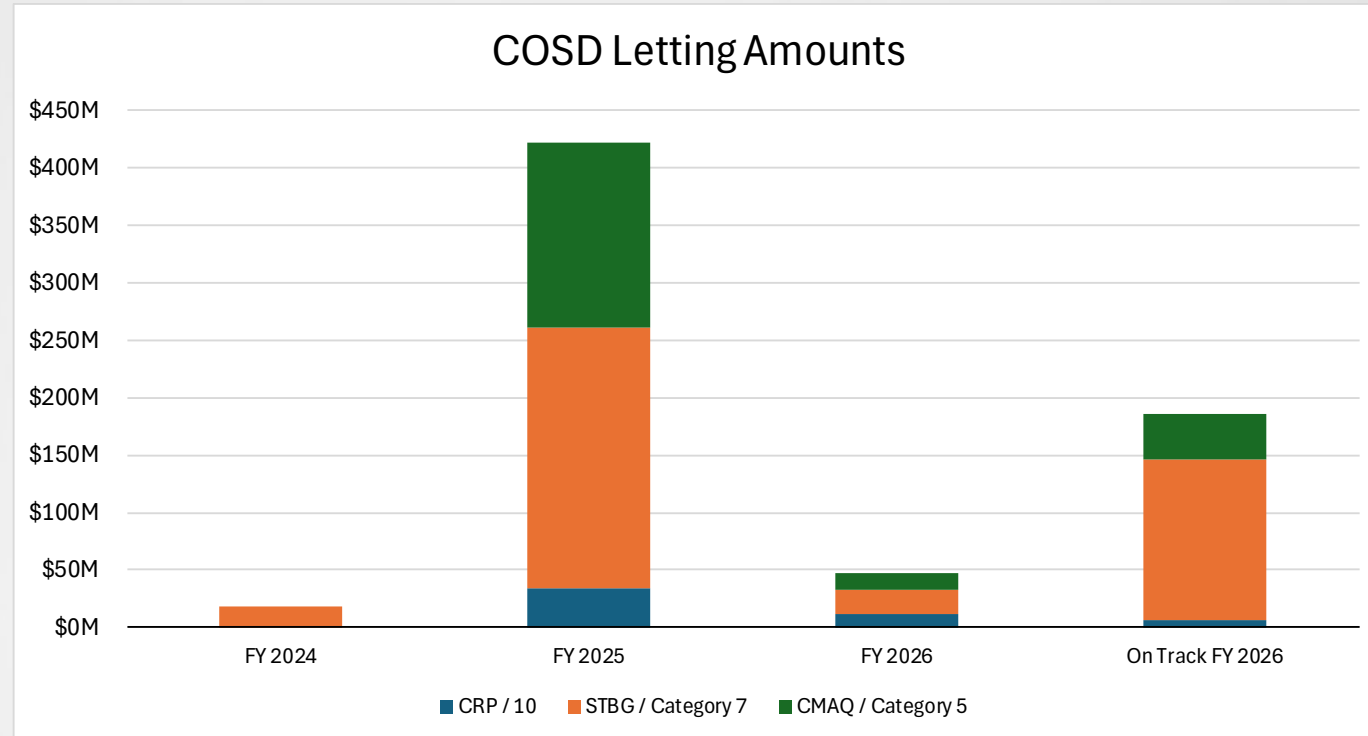


- 35 project sponsors
- 122 TIP Carry Over Spend Down (COSD) projects – Approximately 900 million in funding
- Funding sources include:
  - Congestion Mitigation Air Quality (CMAQ) / Category 5
  - Surface Transportation Block Grant (STBG) / Category 7
  - Carbon Reduction Program (CRP) / Category 10

# COSD Letting by Fiscal Year



- Already Let
  - ❖ ~\$475.9M
    - 2024 – 1 project (\$1.6M)
    - 2025 – 43 projects (\$427.5M)
    - 2026 – 14 projects (\$46.8M)
  
- On Track to Let by Aug 2026 – 37 projects
  - ❖ ~\$185.7M



# COSD Programmed in FY 2026



Category	At Risk	Not Meeting August Deadline
Category 5 - CMAQ	0	2
Category 7 - STBG	2	15
<b>Total</b>	<b>\$35.4M</b>	<b>\$131.1M</b>

➤ At Risk, and Not Meeting August Deadline - Drivers:

- AFA delays

- TxDOT priorities

- Schedule changes

- Railroad coordination

# Cancelled Projects

- City of Pearland – Dixie Farm Rd. (MPOID:19183, Cat 5) – \$980K
- City of Houston – RRFB Program (MPOID:19207, Cat 7) – \$3.0M
- Chambers County – Hatcherville Rd. (MPOID:19078, Cat 7) – \$5.3M
- Chambers County – Belton (MPOID:19079, Cat 7) – \$500K
- North Houston District – Imperial Valley (MPOID:19034, Cat 10) – \$2.7M
- Montrose Redevelopment Authority – Waugh Dr Bike Lane (MPOID:19038, Cat 10) – \$1.4M
- METRO – Metro service Area (MPOID:15265, Cat 5) – \$25.9M
- METRO – 54 Scott Boost Corridor (MPOID:18761, Cat 5) -\$8.7M
- METRO – 56 Airline/Montrose Boost Corridor (MPOID:18762, Cat 5)-\$19.4M
- Montgomery County– Hardin Store Rd. (MPOID: 19209, Cat 7)- \$9.5M

# Project is AT RISK due to TxDOT's letting schedule adjustments which have impacted the project's timeline



- **Fort Bend County – SH 99 Northbound Frontage Road** (MPOID: 19200 and CSJ:3510-04-069) from S Fry Rd to Westheimer PKWY (cat 7) **Total: \$17.8M**



- **Fort Bend County – SH 99 Southbound Frontage Road** (MPOID: 19201 and CSJ: 3510-04-071) from Westheimer PKWY to S. FRY Rd. (Cat 7) **Total: \$17.6M**



## **Not Meeting August Deadline: Advance Funding Agreement (AFA) Execution Delays**

- **City of Friendswood** – Traffic Flow Improvements (MPOID: 19218 and CSJ: 0912-73-249) from Briar Meadow Ave. to Cowards Creek Dr. (Cat 7) **Total: \$3.3M**
- **City of Friendswood** – Friendswood Parkway / Pearland Parkway (MPOID: 19074 and CSJ: 0912-00-736) from FM 2351 to FM 528(Cat 7) **Total: \$3.6M**
- **City of League City** – SH 96 at FM 270 and SH96 at Columbia Memorial (MPOID: 19219 and CSJ: 0912-73-250) from VA to VA AFA (Cat 7) **Total: \$2.7M**
- **City of League City** – (MPOID: 19216 and CSJ: 0912-73-248) At Various Locations (Cat 7) **Total: \$3.9M**
- **City of Galveston** – City of Galveston ITS/Traffic Signal Integration (MPOID: 19184 and CSJ: 0912-73-252) from VA to VA. (Cat 5) **Total: \$16M**
- **City of Galveston** – Seawall Blvd (MPOID: 19208 and CSJ:) from Broadway to 61st Street (Cat 7) **Total: \$10M**
- **City of Galveston** – Stewart Road (MPOID: 19210 and CSJ: 0912-73-247) from FM 3005 to 7 1/2 Mile Road **Total:\$6.5M**

# Not Meeting August Deadline: TxDOT Priority Alignment

- **City of Friendswood** – E. Parkwood Drive/FM 528 at Winding Way Intersection (Phase 1) (MPOID: 19061 and CSJ: 0981-02-012) from Winding Way Intersection (Phase 1) (Cat7) **Total: \$678K**
- **City of Friendswood** – FM 528 at Bay Area Blvd. Intersection (Phase 1) (MPOID: 19062 and CSJ: 0981-01-122) from Bay Area Blvd. Intersection (Phase 1) (Cat7) **Total: \$1.2M**
- **City of Friendswood** – FM 528 at Sunset Intersection (Phase 1) (MPOID: 19063 and CSJ: 1414-01-024) from Sunset Intersection (Phase 1) (Cat7) **Total: \$61K**
- **City of Friendswood** – FM 518 Improvements (MPOID: 19186 and CSJ: 0976-03-122) from E. Parkwood Dr./FM 528 intersection. (Cat 5) **Total: \$550K**

# Not Meeting August Deadline: Railroad Coordination

- City of Galveston – Traffic Signal at 33 ST/SH-275 (MPOID: 19058 and CSJ: 3595-01-027) from 33rd St. to NULL. (Cat 7) Total: \$540K



# Not Meeting August Deadline: TxDOT Priorities (E-phase)

- **TxDOT Beaumont District** – River Ranch Parkway-Liberty County (MPOID:19227) from SH 146, East to FM 1409 (Cat 7) Total: **\$1M**
- **TxDOT Beaumont District** – US 90 Relief Route around Dayton (MPOID: 19228) from East of Dayton to West of Dayton (Cat 7) Total: **\$1M**
- **TxDOT Beaumont District** – SH 146 (MPOID: 19229) from SL 227, South to US 90 (Cat 7) Total: **\$700K**
- **TxDOT Beaumont District** – FM 1409 WIDENING (US 90 South to FM 565 (MPOID: 19231) from US 90, South to FM 565(Cat 7) Total: **\$500K**

# Not Meeting August Deadline: TxDOT NHHIP Project Scheduling

- City of Houston – IH-69/US-59 NHHIP Cap and Connectivity Improvements (MPOID: 19194 and CSJ: Null) from Main St. to Alameda Rd., Bridges at Elgin, Mc Gowen, and Taum (Cat7) **Total: \$78.8M**



# Recap

- 14 Let
- 37 On Track
- 2 At Risk
- 17 Will Not Meet August Deadline
  - 7 – AFA execution delays affecting overall schedule
  - 4 – Misalignment with TxDOT needs
  - 1 – Schedule alignment with NHHIP
  - 1 – Railroad coordination
  - 4 – Late sponsor change request

# Category 5 CMAQ

## FY 2026 FEDERAL FUNDING BALANCE

2026 Annual authorization	\$81M
2025 Carryover	\$195M
Total authorization	\$276M
Already let (\$37M) & 100% of on-track to Let in FY 2026 (\$135M)	\$172M
Remaining balance/Estimated Carryover	\$104M
<b>% of Annual authorization</b>	<b>128%</b>

# Category 5 CMAQ

## FY 2026 FEDERAL FUNDING BALANCE

2026 Annual authorization	\$81M
2025 Carryover	\$195M
Total authorization	\$276M
Already let (\$37M) & 70% of on-track to Let in FY 2026 (\$94M)	\$131M
Remaining balance/Estimated Carryover	\$145M
<b>% of Annual authorization</b>	<b>178%</b>

# Category 7 STBG

## FY 2026 FEDERAL FUNDING BALANCES

2026 Annual authorization	\$156M
2025 Carryover	\$193M
Total authorization	\$349M
Already let (\$82M) & 100% of on-track to Let in FY 2026 (\$140M)	\$221M
Remaining balance/Estimated Carryover	\$127M
<b>% of Annual authorization</b>	<b>82%</b>

# Category 7 STBG

## FY 2026 FEDERAL FUNDING BALANCES

2026 Annual authorization	\$156M
2025 Carryover	\$193M
Total authorization	\$349M
Already let (\$82M) & 70% of on-track to Let in FY 2026 (\$98M)	\$179M
Remaining balance/Estimated Carryover	\$169M
<b>% of Annual authorization</b>	<b>109%</b>

# Discussion

- Discussion



# COSD Programmed in FY 2026



*Action:* For information only

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# 2027-2030 Transportation Improvement Program (TIP)



Transportation Policy Council  
February 27, 2026

# We Are Here

Construction & Implementation

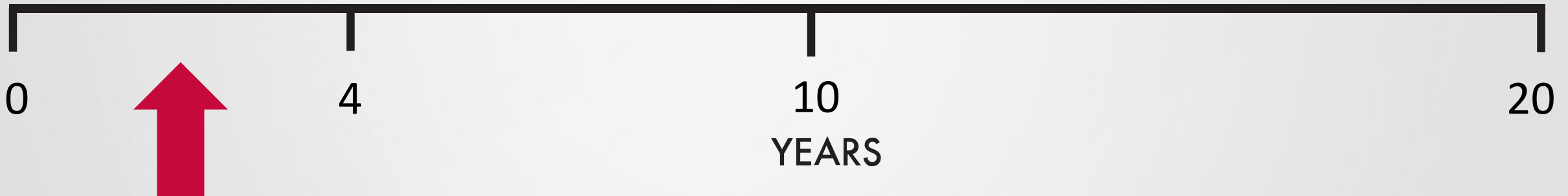
Project Development

Vision Planning

**TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

**10-YEAR PLAN**

**REGIONAL TRANSPORTATION PLAN**



# What is the TIP?

- Four-year programming of transportation projects for the region
- Fiscally constrained, fully funded, and federally required
- New TIP developed every two years, which is consistent with Statewide Transportation Program (STIP) schedule
- Consistent with the following:
  - Regional Transportation Plan (RTP)
  - 10-Year Plan
  - Latest conformity determination
  - Unified Transportation Plan (UTP)



# 2027-2030 TIP

- Adding two years to the 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	x
2	Risk Registers and TxDOT LG Scheduling Tool sent to Sponsors	JAN – FEB	x
3	Risk Registers and TxDOT LG Scheduling Tool due to MPO	FEB – APRIL	x
4	Review and prepare baseline schedules	JAN – MARCH	x
5	Share baseline schedules with sponsors	MARCH	x
6	Prepare TIP Chapter 1 and Appendices	JAN – MARCH	x
7	Open public comment period	APRIL – MAY	
8	Public Meeting	APRIL 21	
9	Preview Draft TIP with TAC and TPC	APRIL	
10	Seek TAC and TPC approval	MAY	
11	Submit final projects to eSTIP	JUNE	

# Chapters and Appendices

- **Chapter 1 – Introduction**
  - Relationship to the Transportation Planning Process
- **Chapter 2 – Financial Plan**
  - Fiscal constraint
  - Financial summaries
- **Chapter 3 – Highway**
  - Approved by FHWA
  - Cat 2/CMAQ/STBG/TASA/CRP
- **Chapter 4 - Transit projects**
  - Approved by FTA
  - Formula funds/Locally funded
- **Appendices**
  - D: Projects undergoing environmental assessment
  - J: Grouped Projects List

# Fiscal Constraint

## ■ Key Sources of Funding

- Federal programs with funds allocated to the MPO
  - Surface Transportation Act, currently IIJA
- State programs for TxDOT funding categories
  - Toll revenues
- Local programs
  - Toll revenues, local option sales taxes, general appropriations
- Public Private Partnerships (PPP)



# 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	\$965	\$96
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	\$2,612	\$502
<b>Total Highway</b>	<b>All Categories</b>	<b>\$15,072</b>	<b>\$14,571</b>	<b>\$502</b>

# Public Involvement

## ■ Public Comment Period

- Federally required and consistent with the Public Participation Plan (PPP)
- April 8<sup>th</sup> through May 8<sup>th</sup>
- Available for public review
  - [www.h-gac.com/transportation-improvement-program](http://www.h-gac.com/transportation-improvement-program)
  - [27-30tippubliccomments@h-gac.com](mailto:27-30tippubliccomments@h-gac.com)

## ■ Public Meeting

- Tuesday, April 21<sup>st</sup>, from 6:00 to 7:30 PM
- H-GAC 2<sup>nd</sup> Floor Conference Room
- In-person only



# Next Steps

- Receive and respond to public comment
- Public meeting on Tuesday, April 21.
- Public comment will end Friday, May 8.
- Continue work with TxDOT TPP Division to develop STIP submittals
- TAC Recommendation
  - Wednesday, May 13
- TPC Approval
  - Friday, May 22



# Information Only

- No action requested



# Staff Contact



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



Technical Advisory Committee  
April 15, 2026

# We Are Here

CONSTRUCTION &  
IMPLEMENTATION

PROJECT  
DEVELOPMENT

VISION  
PLANNING

**TRANSPORTATION  
IMPROVEMENT  
PROGRAM (TIP)**

**10-YEAR PLAN**

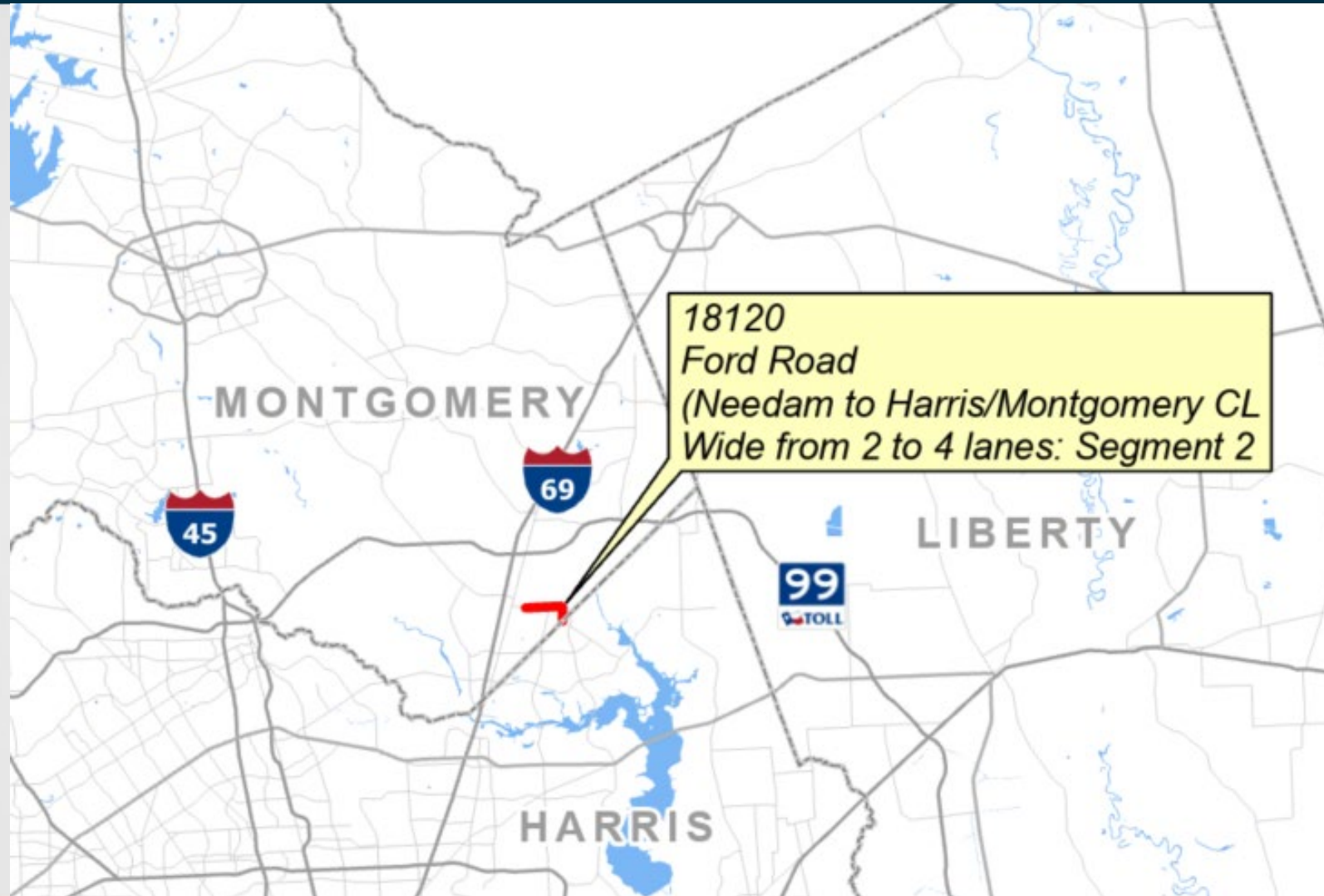
**REGIONAL  
TRANSPORTATION  
PLAN**



# Future 2025-2028 TIP Amendments

- Increase federal funding of Montgomery County's FY 2026 Ford Road reconstruction & widening (MPO ID 18120) by \$3.3M, matched with local funds, due to increased costs associated with upgrading to federal design requirements.

# Future 2025-2028 TIP Amendments



# Action Requested

- Review and discussion only

# Staff Contact



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Senior Planner

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713-993-4597



# FIFA WORLD CUP 2026 SCENARIO PLANNING SERVICES



Technical Advisory Committee Meeting  
April 15<sup>th</sup>, 2026

Regional Collaboration • Transportation Planning • Multimodal Mobility




# Game Schedule





**2018 FIFA HOUSTON**

## GROUP STAGE



GERMANY 	V	CURAÇAO 
JUNE 14 - 12:00 PM CT		
PORTUGAL 	V	FIFA COD/JAM/NCL 
JUNE 17 - 12:00 PM CT		
NETHERLANDS 	V	FIFA UKR/SWE/POL/ALB 
JUNE 20 - 12:00 PM CT		
PORTUGAL 	V	UZBEKISTAN 
JUNE 23 - 12:00 PM CT		
CABO VERDE 	V	SAUDI ARABIA 
JUNE 26 - 7:00 PM CT		

**2018 FIFA HOUSTON**

## ROUND OF 32

1C 	V	2F 
JUNE 29 - 12:00 PM CT		

## ROUND OF 16

W73 	V	W75 
JULY 4 - 12:00 PM CT		

Brazil/Morocco vs.  
Japan/Netherlands

# H-GAC Scenario Planning Study Overview



- ❑ Support the H-GAC MPO region in successfully hosting FIFA World Cup 2026.
- ❑ Develop data-driven traffic scenarios and traffic models for event and background traffic.
- ❑ Provide insights and solutions to support agency planning and stakeholder coordination (with TranStar).
- ❑ Deliver a comprehensive post-event summary with key findings, lessons learned, and recommendations.
- ❑ Create a tool/data management plan and guidance report to support future large-scale event planning



Data Collection



Define Scenarios



Model Scenarios



Share Recommendations

# Stakeholder Engagement

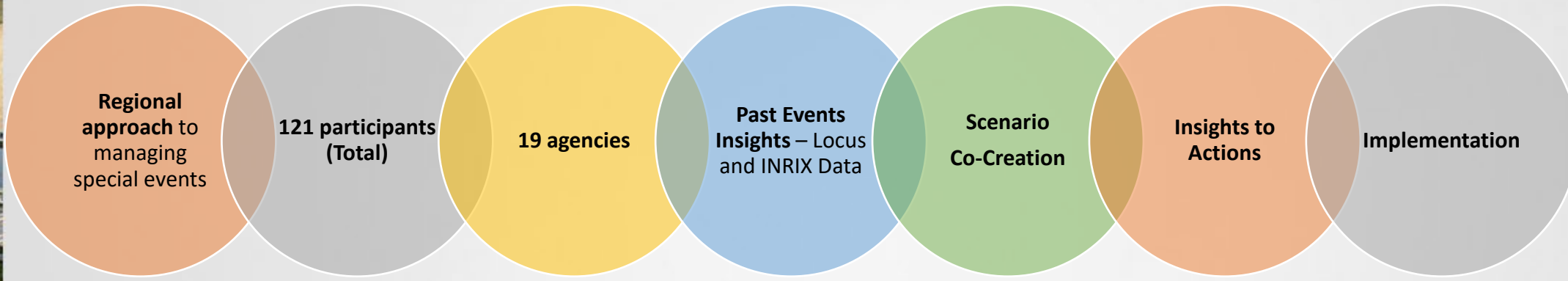


- ❖ Houston Host Committee
- ❖ Houston Airport System (HAS)
- ❖ Houston METRO
- ❖ Houston TranStar
- ❖ NRG Stadium
- ❖ TxDOT Houston District
- ❖ City of Houston
- ❖ Houston Police Department
- ❖ Harris County Sheriff's Office
- ❖ Harris County
- ❖ Fort Bend County
- ❖ Brazoria county
- ❖ Montgomery County
- ❖ The Woodlands Township
- ❖ City of Conroe
- ❖ Harris County Toll Road Authority
- ❖ City of Sugar Land
- ❖ Greater Houston Partnership
- ❖ Downtown Houston Management District
- ❖ East End District
- ❖ Uptown Houston District
- ❖ H-GAC
- ❖ Port of Houston
- ❖ Texas Medical Center
- ❖ Pearland Emergency Management
- ❖ City of Lake Jackson
- ❖ Texas Trucking Association
- ❖ Private Sector (Uber and Lyft)

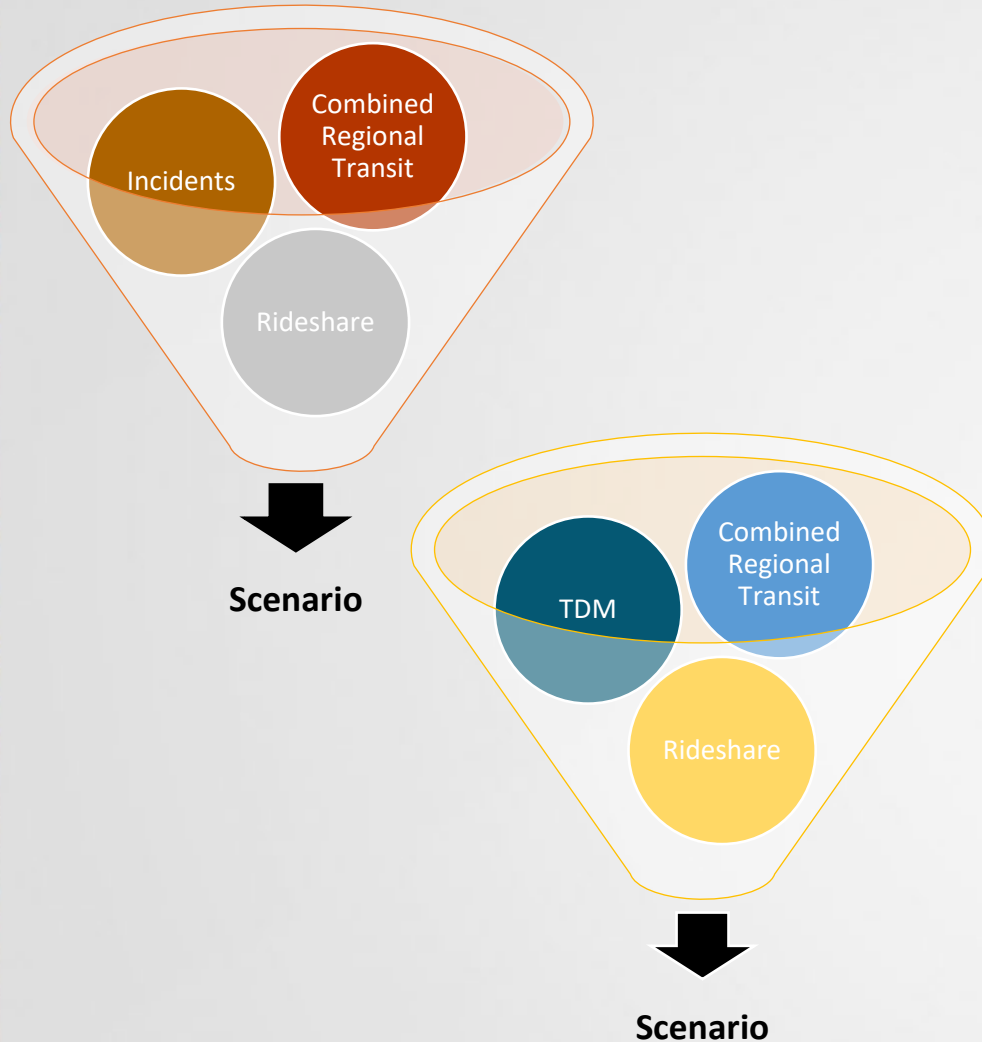
# Stakeholder Workshops – Engage to Empower



# Stakeholder Workshops – Engage to Empower



# Model Scenarios



Scenario: Weekday Game (Baseline)

Scenario: Weekend Game

Scenario: Weekday Game + Major Crash on I-610

Scenario: Weekday Game + Major Crash on SH 288

Scenario: Weekday Game + Major Crash on I-610 Sidney Sherman Bridge

Scenario: All Aboard

Scenario: Travel Demand Management / Telecommute



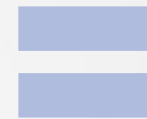
TDM



Transit



Operations



**Success**

# Insights to Implementation



- **Plan to Operate** Mindset
- Mini technical workshops to empower **operational enablers**
- Targeted Travel Demand Management

# TDM Scenario Model Highlights

- **20% reduction** in home-based work (HBW) trips inside BW 8 on FIFA game days
- Model scenario included background traffic and FIFA stadium plus Fan Festival trips
- Average **travel time improvements of 9% in AM period** and **6% in PM period**
- For peak hour and for severely congested routes the **travel time savings can be as high as 25%**

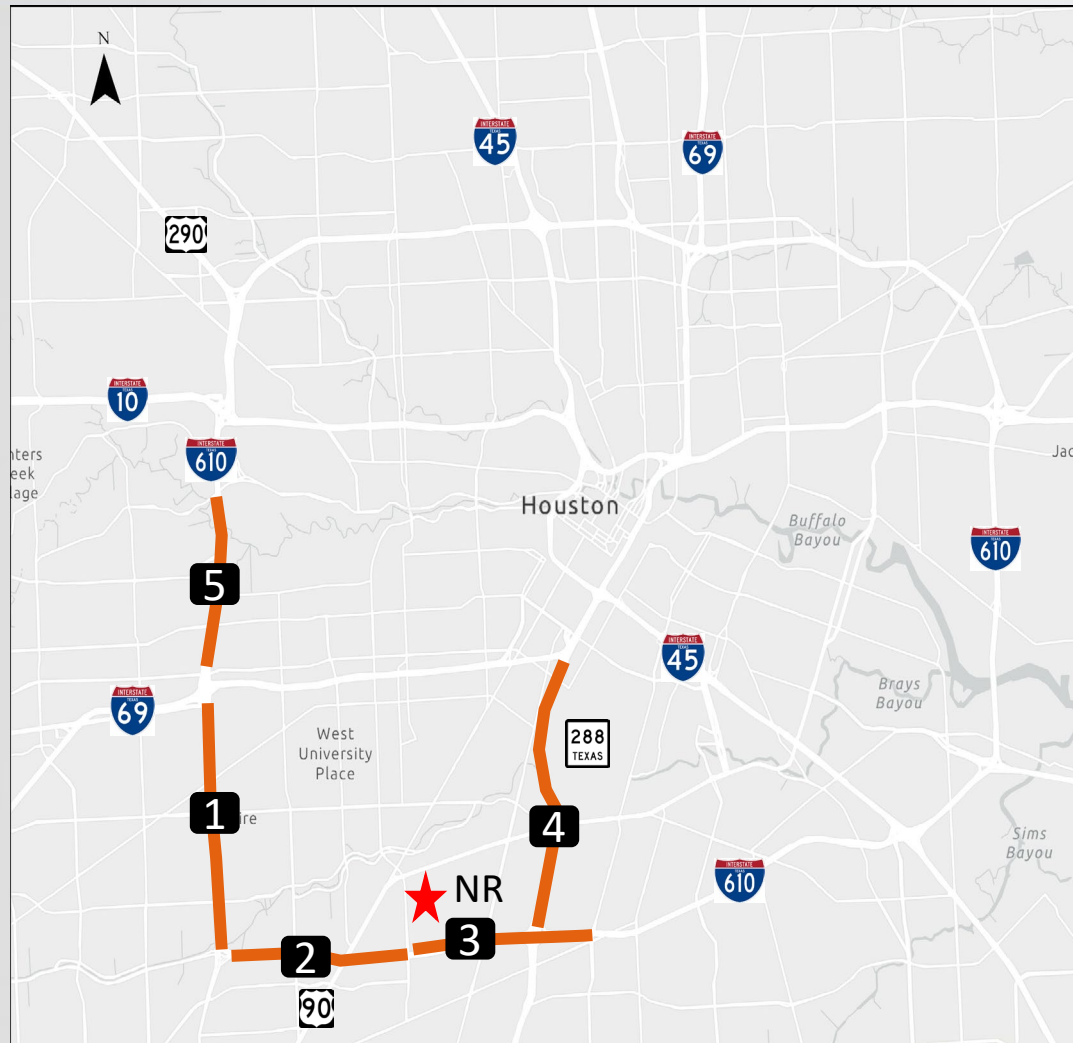
**Operations Enabler – H-GAC Commute Solutions**



*\* Images generated using AI. For illustration only.*



# Key Freeways on Game Day



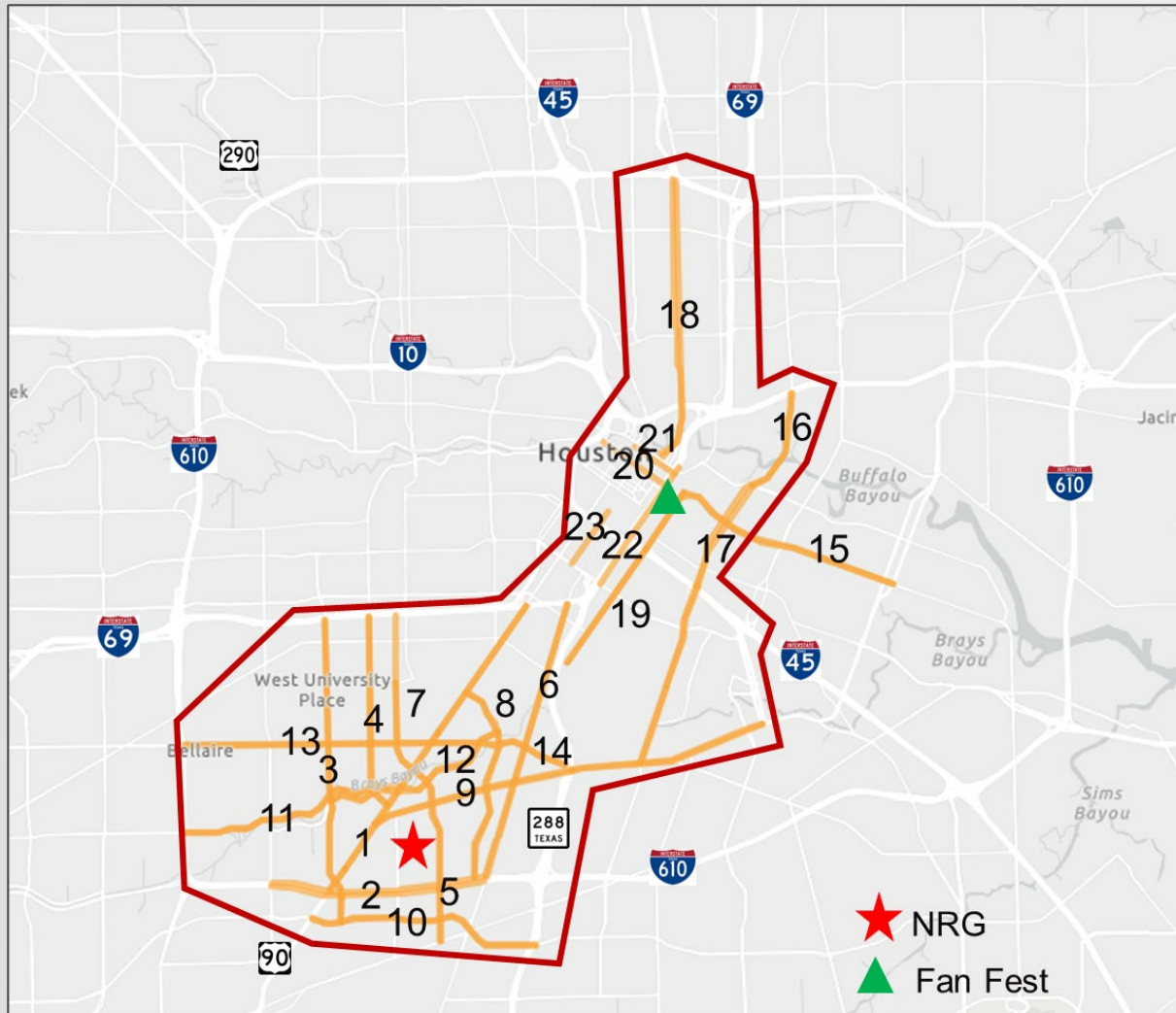
## Key Freeways:

1. I-610 West Loop (I-69 to S Post Oak Rd)
2. I-610 South Loop (S Post Oak Rd to Kirby Dr)
3. I-610 South Loop (Kirby Dr to Scott St)
4. SH 288 (I-610 South Loop to I-69)
5. I-610 West Loop (I-69 to Woodway Dr)

## Operations Enabler – TranStar Freeway and Emergency Management

- ✓ Targeted Staging
- ✓ Incident Management
- ✓ ICM Lite - Frontage & Arterials
- ✓ Focused Bottlenecks and Slowdowns

# Key Arterials on Game Day



## Top Priority Arterials:

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. Main St</li> <li>2. I-610 South Loop Frontage Rd</li> <li>3. Buffalo Speedway</li> <li>4. Kirby Dr</li> <li>5. Fannin St</li> <li>6. Almeda Road</li> <li>7. Greenbriar Dr</li> <li>8. Cambridge St</li> <li>9. Old Spanish Trl</li> <li>10. W Bellfort Ave</li> </ol> | <ol style="list-style-type: none"> <li>11. N Braeswood Blvd</li> <li>12. S Braeswood Blvd</li> <li>13. Bellaire Blvd/ W Holcombe Blvd</li> <li>14. Holcombe Blvd</li> <li>15. Harrisburg Blvd</li> <li>16. Hirsch Rd</li> <li>17. Scott St/York St</li> <li>18. Elysian St</li> <li>19. Emancipation Ave</li> <li>20. Texas Ave</li> <li>21. Congress St</li> <li>22. Chartres St</li> <li>23. Caroline St</li> </ol> |
|--|---|

## Operations Enabler – City of Houston

- ✓ Technology Corridors (3)
- ✓ ICM Lite - Arterials
- ✓ Arterial management (Signal Re-timing)
- ✓ Preventative maintenance



# Scenario Planning and Event Evaluation Dashboard

## SPEED

A comprehensive tool for analyzing transportation patterns, planning demand scenarios, and evaluating event impacts for major sporting events and special occasions.



### Prior Events Analysis

Analyze historical data from previous events including College Football, Playoffs, Beyoncé Concert, and Football Games. View arrival/departure profiles, origin-destination flows, and ridership patterns.

- Historical Data
- Trip Analysis
- Flow Patterns



### Demand Inputs

Create and model transportation demand inputs for upcoming events. Configure arrival/departure profiles, mode shares, and event parameters for planning purposes.

- Scenario Planning
- Mode Share
- Custom Profiles



### Supply Inputs

Transportation Management Plan supply inputs with traffic flow analysis, route performance evaluation, and congestion impact assessment.

- Traffic Management
- Route Analysis
- Performance Metrics



### Performance Measures

Comprehensive traffic analysis reports with performance summaries, delay analysis, and transportation system evaluation metrics.

- Performance Reports
- Delay Analysis
- System Metrics



### Post Event Analysis

Comprehensive post-event evaluation tools with interactive maps, arrival/departure analysis, and origin-destination chord diagrams for understanding event impacts.

- Interactive Maps
- Chord Diagrams
- Time Analysis

# Next Steps

- ❑ Finalize SPEED Digital tool for FIFA World Cup Scenario Planning
- ❑ Data insights between FIFA World Cup games
- ❑ Document lessons learned and best practices after the event to support future planning efforts



# Questions / Comments



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Project Advisor  
**H-GAC**

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# Back-up slides



# THE COUNTDOWN IS ON!



**56 days** until the first match in Mexico City and the opening of the FIFA Fan Festival in Houston: **June 11, 2026**

**59 days** until the first match in Houston: **June 14, 2026**

**< 1 month** until move into NRG Park and building out the FIFA Fan Festival in EaDo.



The official website of the FIFA World Cup 26 Houston:  
<https://www.fwc26houston.com/>

