

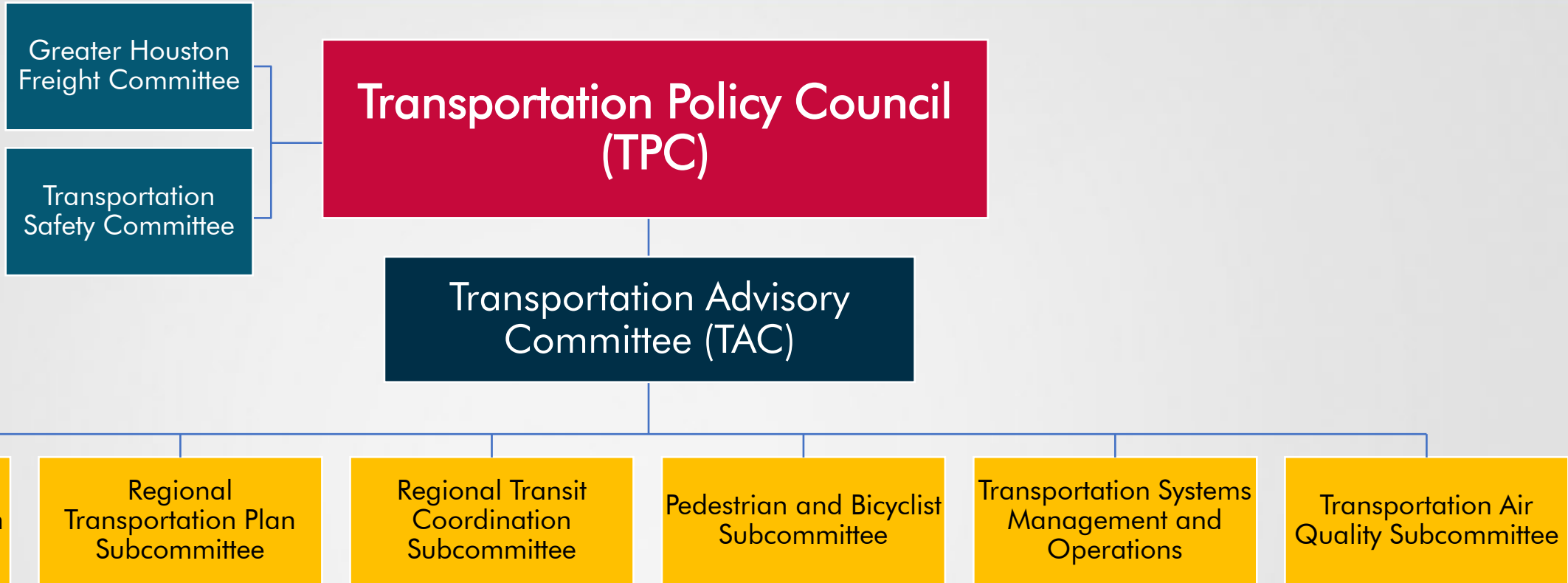


6. 2024 TAC NOMINATING COMMITTEE AND NOMINATION PROCESS



Transportation Advisory Committee
February 14, 2024

MPO Committee Structure



Nomination Process

Recommend membership for:

- TAC Officers: Chair, 1st Vice Chair, and 2nd Vice Chair
- TAC Subcommittees:
 - Pedestrian-Bicyclist Subcommittee (22 Members)
 - Regional Transportation Plan Subcommittee (23 Members)
 - Regional Transit Coordination Subcommittee (18 Members)
 - Transportation Air Quality Subcommittee (19 Members)
 - Transportation Improvement Program Subcommittee (22 Members)
 - Transportation Systems Management and Operations (17 Members)

<https://www.h-gac.com/getmedia/7f66779d-cf75-40dc-a38e-849d56fcb730/TAC-Subcommittees-Bylaws.pdf>



Timeline



February 14, 2024:

- Transportation Advisory Committee action on 2024 Nominating Committee

February 15, 2024:

- H-GAC staff distribute form soliciting nominations from TAC Members

March 1, 2024:

- Nominations due

March 13, 2024:

- Transportation Advisory Committee action recommended slate of nominees

TAC Nominations Committee

- Morad Kabiri, Chair
- Perri D'Armond
- Amy Skicki
- David Wurdlow
- Wael Tabara



TAC Nominations Committee

Action Requested:
Approval of 2024 Nominating Committee





Item 7: Regional Transportation Plan Project Development Process



Transportation Advisory Committee
February 14, 2024

RTP Project Development Process: Overview



- Long-term projects (10+ years)
- Five Steps: Access, Submission, Evaluation, Recommendation, and Presentation
- Projects recommended to RTP Project List, Illustrative List, or Refinement
- Purpose: Establish primary avenue to add projects to RTP
 - Project list that reflects and adheres to RTP Vision and Goals
 - Increase projects submitted and added to the RTP
 - Maximize planning efforts (planning before programming)

Step 1: Access

- Open Application Period
 - Online application only
 - Portal will be open for **60** days
 - **WHY:** Public outreach, administrative approvals, data gathering, and other necessary procedures.
- Project list updated every two years
 - Coordination with the Project Selection Process.
 - Compliant with organizational Air Quality Conformity procedures.

Step 2: Submission

- Project sponsor submits application and will answer the following:
 - Applicant Information
 - Name, email/phone number, organization
 - Project Name
 - Project Description/Scope of Work
 - Project Limits (Shapefile if available)
 - Project Cost, or Cost Ranges
 - Project Fiscal Year, or five-year band
 - Project Need
 - Project Desired Outcome
 - Documented public outreach
 - Source of documented public outreach
 - Explanation for no public outreach
 - Present in previous studies/plans
 - If yes, name the study/plan with link
 - Regionally Significant
 - If yes, explain how
 - RTP Goal(s) addressed
 - Five Questions
 - Narrative; and/or
 - Data

Step 2, Question 1: Improve Safety

- **Question:** Does your project improve safety within the transportation network?
- **Scoring**
 - Does your project improve safety within the transportation network?
 - Does it decrease transportation network fatalities?
 - Does it decrease transportation network serious injuries?
 - Other (please explain in verification section).
- **Verification Examples**
 - **Data:** Provide map that shows fatalities and serious injuries within the project limits.
 - **Narrative:** Explain how this project improves safety within the transportation network.

Step 2, Question 2: Achieve and Maintain a State of Good Repair

- **Question:** Does your project achieve and maintain a state of good repair?
- **Scoring**
 - Does your project achieve and maintain a state of good repair?
 - Does it help achieve and maintain good condition for roads and/or bridges?
 - Does it help achieve and maintain good condition of transit facilities and equipment?
 - Other (please explain in verification section).
- **Verification Examples**
 - **Data:** Provide current conditions of the road, bridge and/or transit facilities/equipment.
 - **Narrative:** Explain why the project's roads, bridges, transit facilities and equipment need to be addressed to achieve and maintain a state of good repair.

Step 2, Question 3: Move People and Goods Reliably and Efficiently

- **Question:** Does your project help move people and goods reliably and efficiently?
- **Scoring**
 - Does your project help move people and goods reliably and efficiently?
 - Does it increase or maintain travel time reliability?
 - Does it decrease annual peak hours of excessive delay?
 - Other (please explain in verification section).
- **Verification Examples**
 - **Data:** Calculate level of travel time reliability
 - **Narrative:** Explain how the project helps move people reliably and efficiently.

Step 2, Question 4: Strengthen Regional and Economic Competitiveness

- **Question:** Does your project help strengthen regional and economic competitiveness?
- **Scoring**
 - Does your project help strengthen regional and economic competitiveness?
 - Does it increase or maintain truck travel time reliability (TTTR)?
 - Does it offer alternatives to driving alone to combat traffic congestion on the roadway?
 - Other (please explain in verification section).
- **Verification Examples**
 - **Data:** Calculate truck travel time reliability.
 - **Narrative:** How does project outcome provide alternatives to driving alone?

Step 2, Question 5: Conserve and Protect Natural and Cultural Resources

- **Question:** Does your project help conserve and mitigate natural and cultural resources?
- **Scoring**
 - Does your project help conserve and mitigate natural and cultural resources?
 - Does your project avoid or mitigate impacts to natural or cultural resources?
 - Does your project contribute to reduction of NO_x, VOC, or GHG emissions?
 - Other (please explain in verification section).
- **Verification Examples**
 - **Data:** Provide data on how this project contributes to emission reduction.
 - **Narrative:** Explain how this project conserves and protects natural and cultural resources.

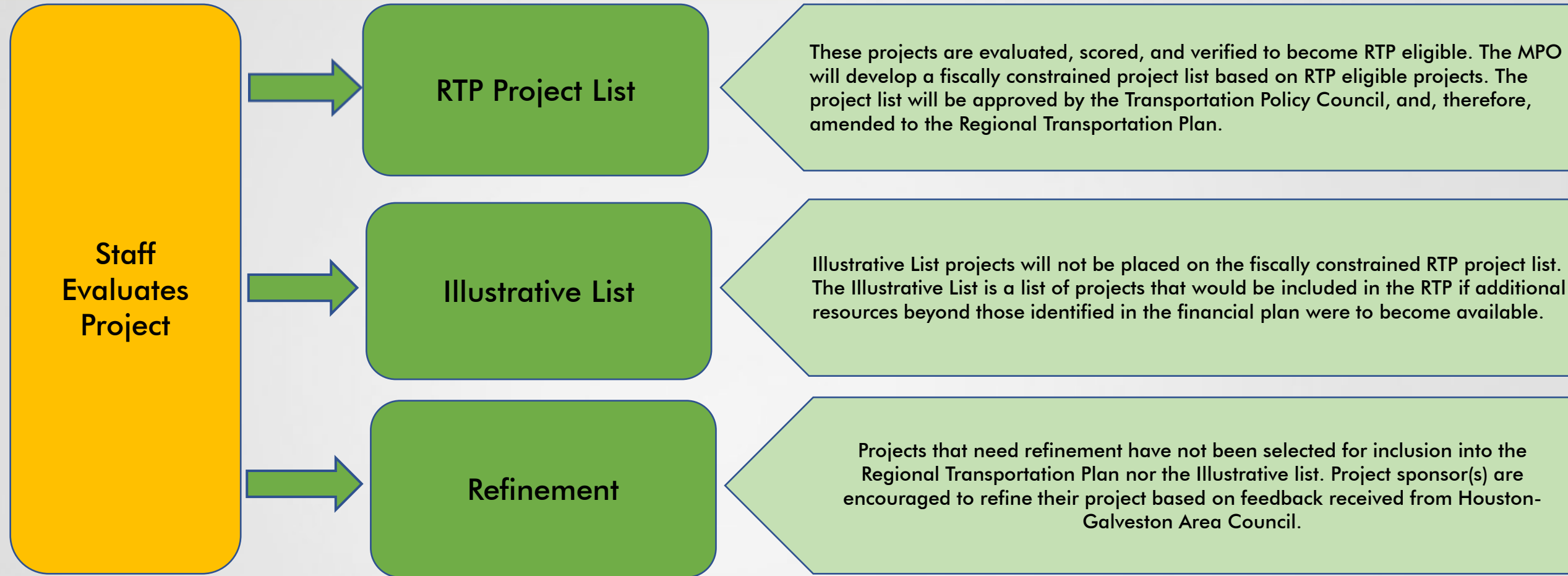
Step 3: Evaluation

RTP Goals	Criteria	Y/N
Improve Safety	Decrease transportation fatalities Decrease transportation serious injuries Other	Y
Achieve and Maintain a State of Good Repair	Achieve or maintain good conditions for roads and/or bridges Achieve or maintain good conditions of transit facilities and/or equipment Other	Y
Move People and Goods Reliably and Efficiently	Increase or maintain travel time reliability Decrease annual peak hours of excessive delay Other	Y
Strengthen Regional and Economic Competitiveness	Increase or maintain truck travel time reliability Alternatives to driving alone to combat traffic congestion Other	Y
Conserve and Protect Natural and Cultural Resources	Mitigate impact to natural and cultural resources Contribute to NOx, VOC, or GHG emission reduction Other	Y

Criteria	Y/N
Project Name	Y
Description or Scope of Work	Y
Limits	Y
Cost or reasonable cost range	Y
Fiscal Year or five-year band	Y
Need	Y
Desired Outcome	Y
Regionally Significant	Y
Public Outreach Process	Y
Present in Previous Studies or Plan	Y

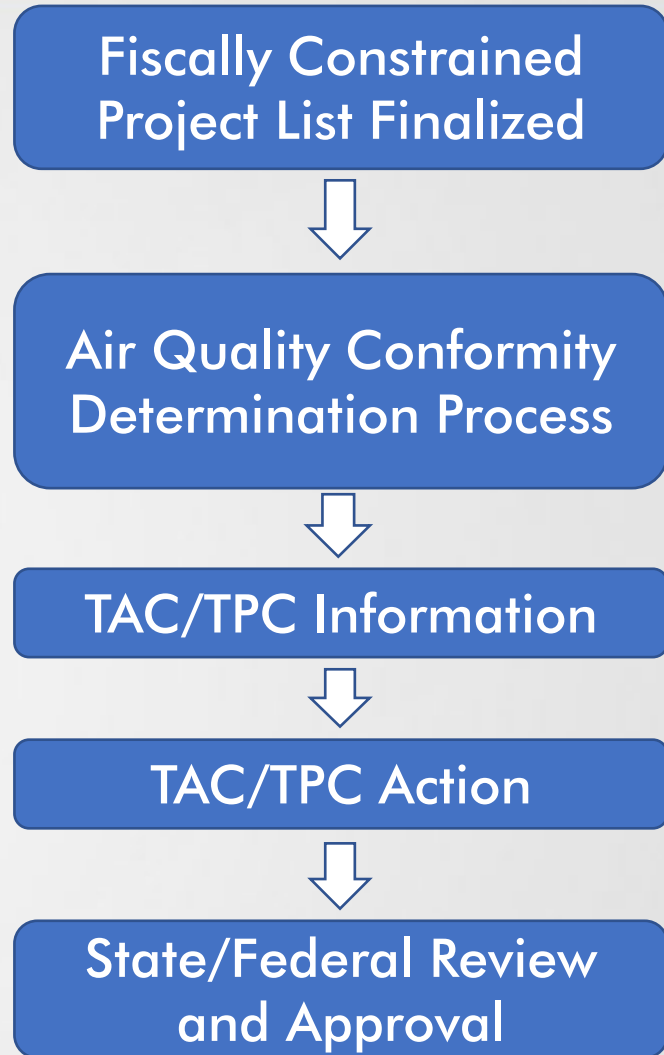
- Staff will evaluate submissions based on the criteria described
 - Yes/No
 - Submissions **must** address at least three RTP Goals
 - Submissions **must not** diminish the progress of other goals.

Step 4: Recommendation



Step 5: Presentation

- Before presentation to TAC/TPC, the RTP Project list will:
 - Undergo fiscal constraint
 - Undergo an Air Quality Conformity Determination Process
- Once presented and approved to TAC/TPC, the air quality determination documents will be sent to our state and federal partners for review.



RTP Project Development Process: Timeline*

Tasks	Feb.	March.	April	May	June	July	Aug.	Sep.	Oct.
Online Portal Development	✕	✕							
Staff Project Evaluation Training		✕							✕
Project Sponsor Training			✕						✕
Application Initiation			✕						
Application Submission Deadline					✕				
Staff Project Evaluation Period						✕	✕		
Project Sponsor Decision Notice								✕	
Draft Project List								✕	

*All dates tentative and subject to change

Questions/Comments



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- 713-993-4574

- **Qun Zhao**

- Senior Planner
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- 832-681-2580

- **Carlene Mullins**

- Principal Planner
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- 832-681-2585



Regional Priority Climate Action Plan Update



Transportation Advisory Committee
February 14, 2024

Project Background

- EPA-funded Climate Pollution Reduction Grant (CPRG)
- The primary goal of the program is to address the sources of greenhouse gases while creating new jobs, delivering cleaner air, and lowering energy costs
- Program is being implemented in two phases:
 - Phase I: Non-Competitive Planning Grant
 - Phase II: \$4.6 Billion Competitive Implementation Grant

CPRG Phase I – Planning Grant

Due: March 1, 2024



Priority Climate Action Plan (PCAP)

An emissions inventory, an analysis of near-term, high-priority, implementation ready measures to reduce GHGs, and an analysis of achievable emission reductions

Due: September 2025



Comprehensive Climate Action Plan (CCAP)

For all significant sectors in a region, establish near-term and long-term emission reduction goals, provide strategies, and identify measures to achieve goals.

Due: September 2027

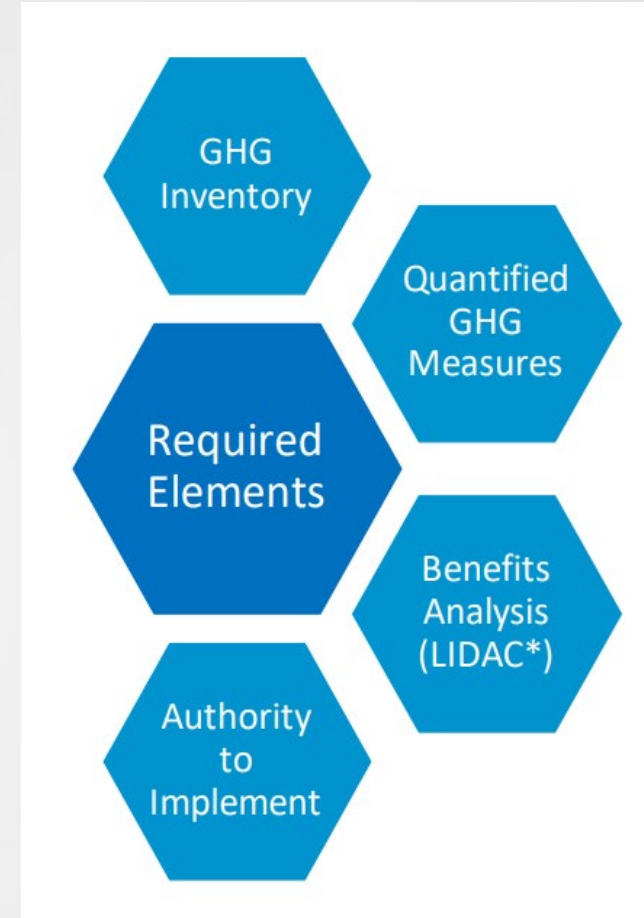


Status Report

Updated analyses, updates on implementation status, and next steps

CPRG Phase I – PCAP

- Work with local partners to identify near-term action items and goals
- Engage a variety of stakeholders in the planning process
- Develop priority strategies to provide regional benefits and reduce emissions
- Focus on a limited subset of analyses and economic sectors



CPRG Phase I – PCAP Progress

- Developed outreach efforts through H-GAC's Engage website to survey stakeholders and request strategy recommendations
- Held a public meeting for government and industry stakeholders
- Completed a Call for Projects process
- Call serves two purposes:
 - To collect ideas, strategies, and proposals for inclusion as PCAP strategies
 - Gather submissions for possible inclusion in a regional Phase II grant application

CPRG Phase I – Call for Projects

- Received 36 submissions totaling approximately \$1.4B
- These projects are located in five counties within our region
- Projects fall under multiple sectors, including:
 - Agriculture
 - Buildings
 - Energy
 - Industry
 - Transportation
 - Waste and Materials Management
- Projects must be included in the PCAP to be eligible for Phase II
- Phase II grants can be \$2M to \$500M

CPRG Phase I – PCAP Strategies

Buildings	
Buildings	More Efficient and Resilient Buildings
Energy	
Energy	Expanded Renewable Energy Integration
Energy	Reduced Peak Energy Demand
Energy	Advanced Decarbonization
Transportation	
Transportation	Increase Mode Shift
Transportation	Increased ZEV Deployment
Transportation	Expand Multimodal and Active Transportation Infrastructure
Agriculture (Urban)	
Agriculture	Integrate Nature-based Solutions
Agriculture	Expanded Land Restoration
Agriculture	Increased Urban Tree Canopy
Materials Management (Waste)	
Materials Management	Increased waste diversion from landfill

CPRG Phase II – Implementation Grant

- EPA will award 30 to 115 competitive grants ranging from \$2 million to \$500 million. Awards are separated into five tiers.
- A region must submit a PCAP to be eligible.
- Measures must be included in the PCAP to be eligible
- In addition to the lead organization, other state, and municipal government entities may apply to for implementation funding
- Caveats:
 - No more that two grants will be awarded at the same level of government within a single jurisdiction.
 - EPA will not award multiple grants for the same measure in the same location.
 - EPA is strongly recommending that applications be collaborative
 - Applicant for Phase I is the likely candidate for Phase II applications
- Applications for Phase II are due on April 1, 2024

Questions?

CPRG Community Engagement Website

engage.h-gac.com/cprg

Andrew DeCandis - Andrew.DeCandis@h-gac.com

Pharr Andrews - Pharr.Andrews@h-gac.com



Call for Livable Center Study Sponsors FY 2025-2028



Sarai Osorio
Transportation Advisory Committee
February 14, 2024

Background



- Established in 2008
 - 43 completed studies
 - 3 active studies
- Small scale **Land Use and Transportation** studies.
- Places where people can **live, work, and play** with less reliance on single-occupancy vehicles.
- **Goal: Facilitate the creation of walkable, mixed-use places** that provide multimodal transportation options, improve environmental quality, improve pedestrian safety, and promote economic development and housing diversity.

LIVABLE CENTERS

CALL FOR STUDY SPONSORS



- Key Dates:
 - Application Period Open: February 13, 2024
 - Pre-Submittal Meeting: 9:30am, March 14 (optional)
 - Notice of Intent to Apply: Due May 9 by 5:00pm (required)
 - Final Applications: Due July 8 by 5:00pm

Eligibility

- Partners are limited to:
 - Local governments, management districts, municipal utility districts, Tax Increment Reinvestment Zones (TIRZ), and other entities that can:
 - Receive federal transportation funding and
 - Implement transportation projects.
- Must be located within:
 - H-GAC's eight-county TMA: Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller counties.
- If not the primary owner of the streets and sidewalks:
 - ⑩ Letter of support from the owning agency

Study Types

Livable Centers Studies (LC)

- Small area plans and **fulfill all four Livable Centers Program goals** which include creating multi-modal travel choices, resilient quality places, and equitable infrastructure investments while promoting economic generators and housing diversity with complementary transportation planning. Programmatic goals are evaluated on a **community-wide scale**.

Focused Livable Centers (FLC)

- Targeted, **community-node studies** that must meet **two Livable Centers Program goals**, to create multi-modal travel choices, resilient quality places, and **one additional Livable Centers goal** that best fits the needs of the study sponsor. Goals include evaluation of equitable infrastructure, promotion of economic generators, or housing choice.

Project Evaluation + Criteria

Livable Centers Studies (LC)

Criteria 1: Description/Scope	20%
Criteria 2: Capacity to Implement	20%
Criteria 3: Fulfilling Program Goals	60%
Goal 1: Create multi-modal travel choices	30%
Goal 2: Create resilient quality places	10%
Goal 3: Promote equitable infrastructure	10%
Goal 4: Promote economic development and housing	10%

100%

Focused Livable Centers (FLC)

Criteria 1: Description/Scope	20%
Criteria 2: Capacity to Implement	20%
Criteria 3: Fulfilling Program Goals Required	40%
Goal 1: Create multi-modal travel choices	30%
Goal 2: Create resilient quality places	10%
Focused Criteria: Choose one	20%
Goal 3: Promote equitable infrastructure	20%
OR	
Goal 4: Promote economic development	20%
OR	
Goal 5: Promote diversity in housing	20%

100%

LIVABLE CENTERS

CALL FOR STUDY SPONSORS



- Upcoming Key Dates:

- Pre-Submittal Meeting: 9:30am, March 14(optional)
 - Registration In-Person: https://bit.ly/LCQA_InPerson
 - Registration Virtual: https://bit.ly/LCQA_Online



Scan me

For more information, please visit: https://bit.ly/HGACLC_Call or scan QR code

Questions/Comments



Sarai Osorio

Principal Planner, Livable Centers Program

sarai.osorio@h-gac.com

832-681-2528



TxDOT State Infrastructure Bank

Presented by Dallas Teston, SIB Program Lead



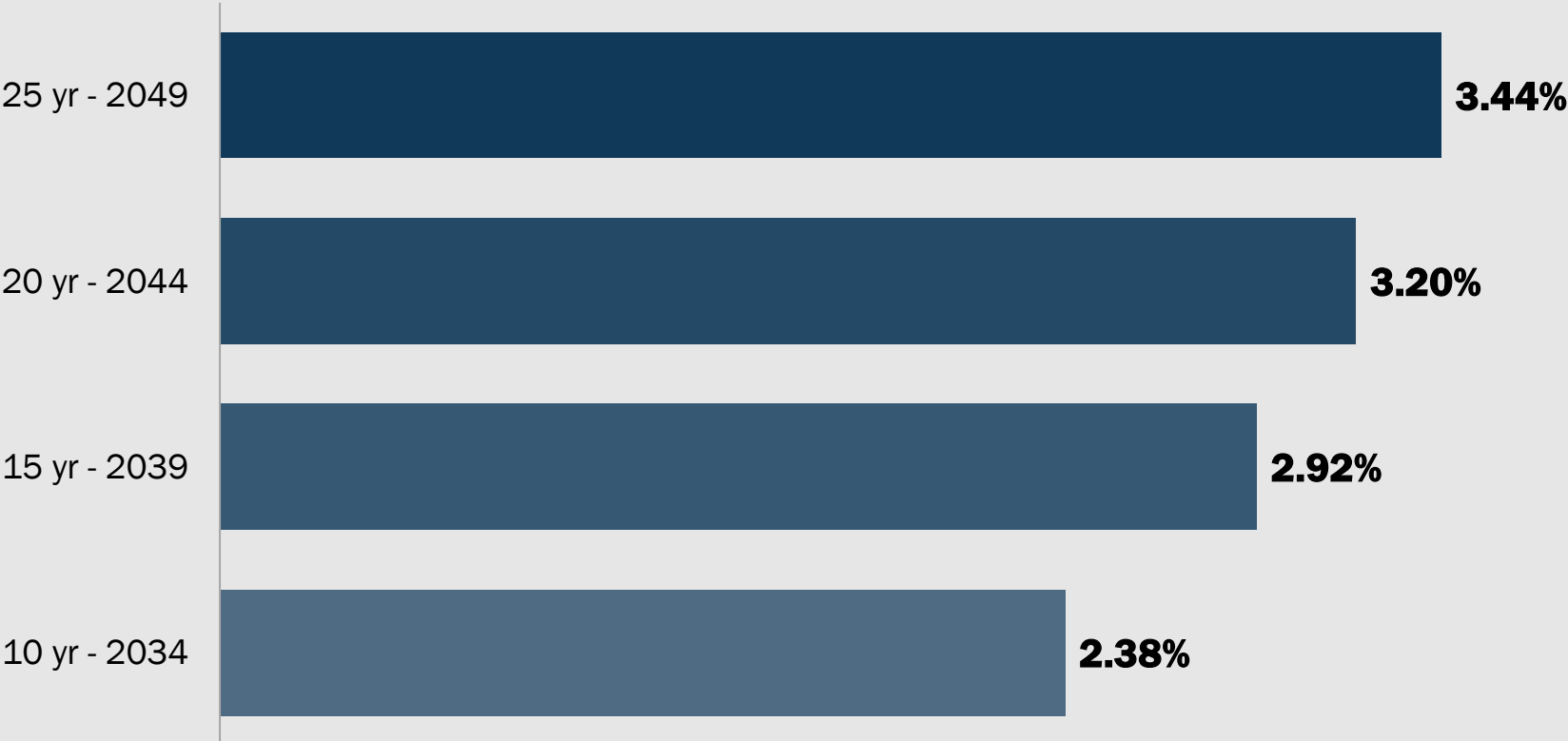
Interest rate update





Interest Rate

- Rate set at the time of application
- Fixed rate through the life of the loan
- Municipal Market Data index (MMD)
- 2 main factors
 - Credit Rating
 - Term of the loan



*Market Rate Indications as of January 31, 2024.
Rates change weekly, shown for illustrative purposes only.*



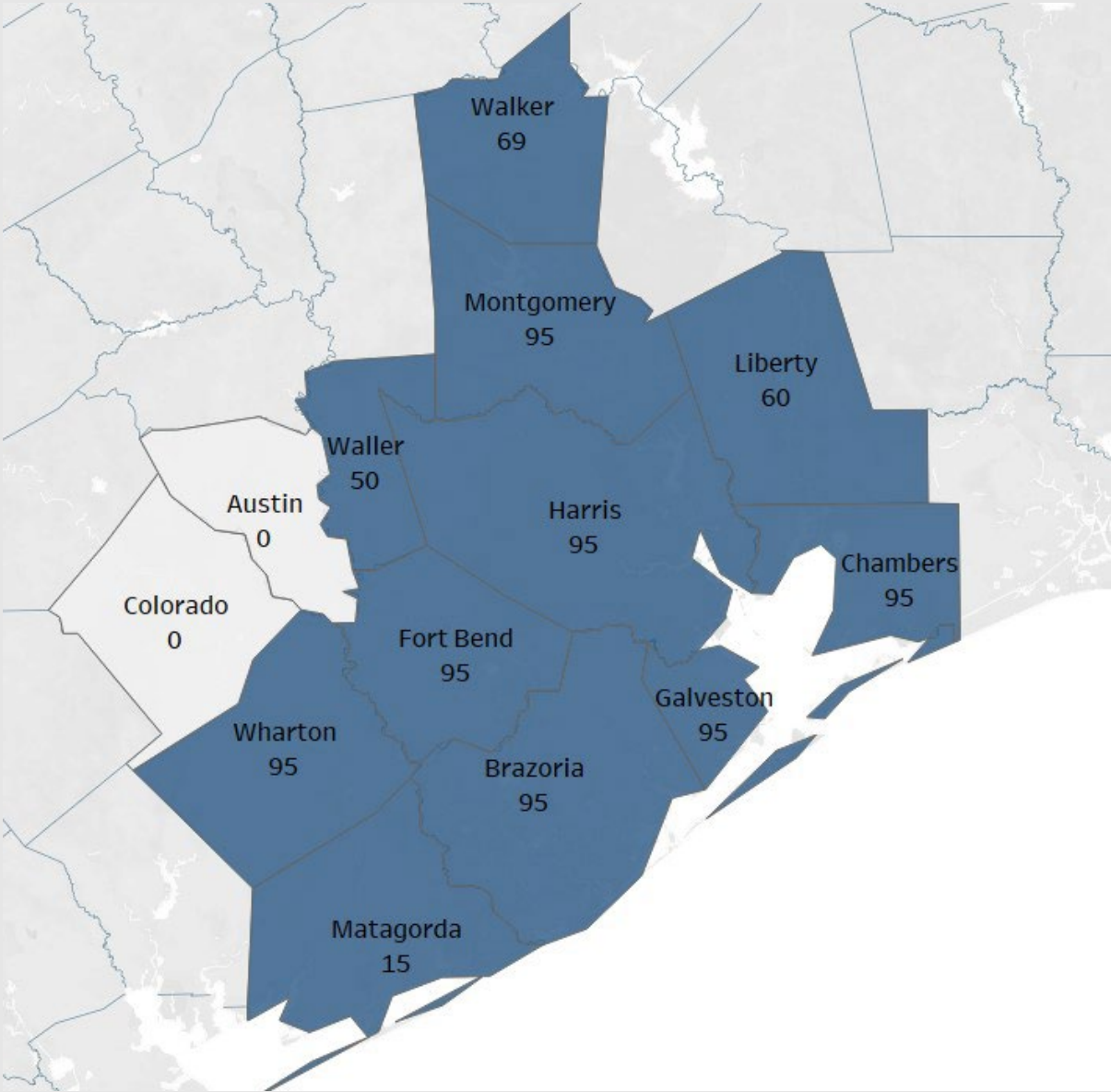
New SIB rating scale

Rating	1-10 Years	11+ Years
AAA	AAA	AAA
AA	AAA +5 bps	AAA +10 bps
A	AAA +10 bps	AAA +20 bps
BAA	AAA +15 bps	AAA +30 bps
BBB-/Not Rated	AAA +20 bps	AAA +40 bps



EDC update







Interest rate example





How it works

AAA rate (Based on requested term)

Rate spread (Based on credit rating)

EDC Reduction (Based on FY 2024 list)

Final Rate

AAA rate %

+ Rate spread

(EDC reduction)

Final rate %



How it works

AAA rate (20 years)

3.20%

Rate spread (A Rating)

+ .20

EDC Reduction (Harris County)

(.95)

Final Rate

2.45%



SIB background





SIB Loans



- Low-cost transportation financing.
- Revolving fund - All repayments go back into the SIB.
- Non-federal dollars.

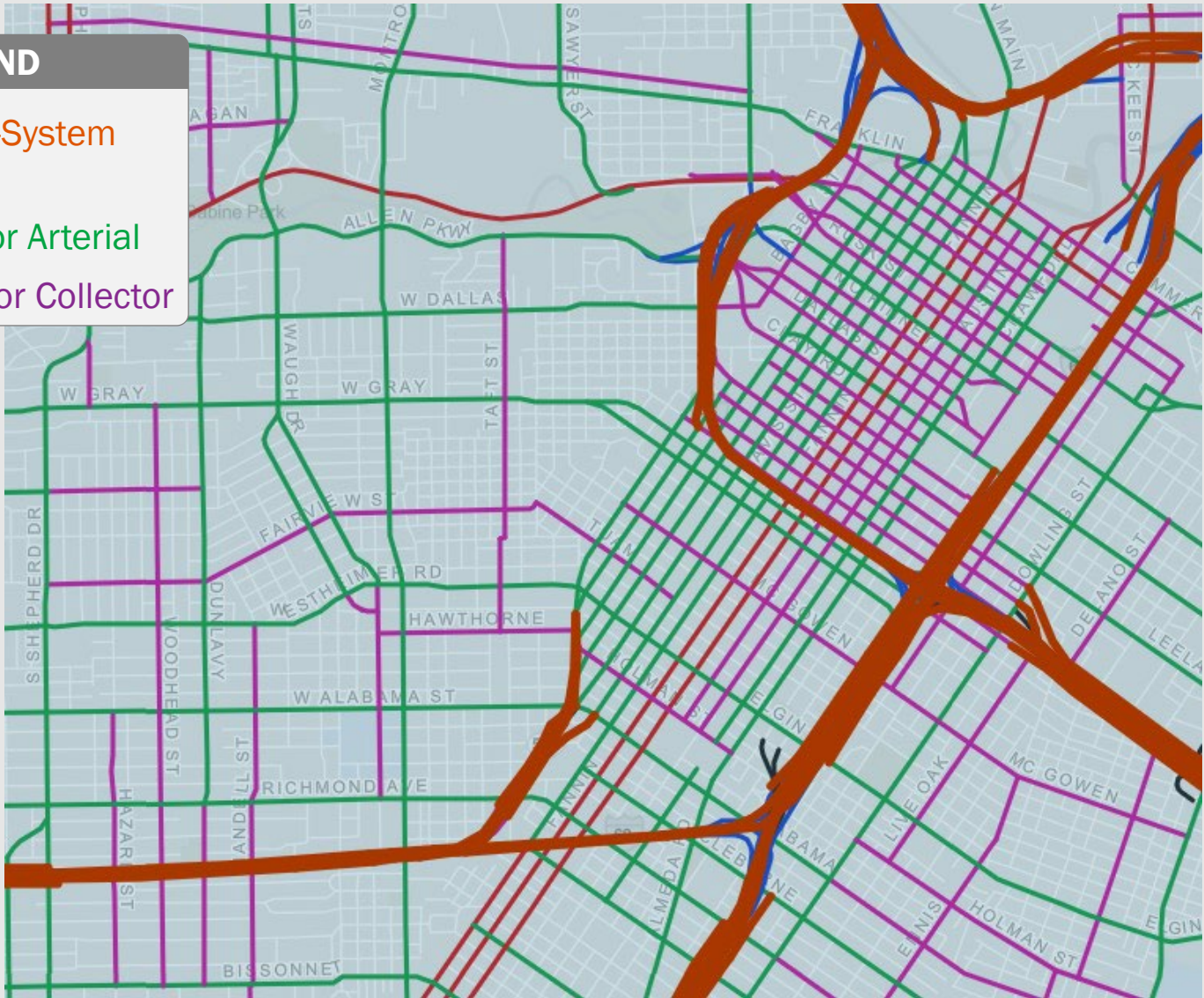
Eligible Projects

- Eligible under federal highway programs.
 - Must be functionally classified above a rural minor collector.
 - Must be in the STIP.
- On or off-system roadways can be eligible.
- Generally, projects eligible under Title 23.
 - Local Match
 - Transportation Alternative



LEGEND

- Orange** - On-System Roadways
- Green** - Minor Arterial
- Purple** - Major Collector





Low Cost of Borrowing

- \$0 loan application
- \$0 closing costs
- \$0 loan handling
- Form of agreement
 - Direct loan agreement (authorized in TTC §222.0745)
 - Certificate of obligation
 - Bonds



Contact information:

Dallas Teston

512-463-9958

Dallas.Teston@txdot.gov

TXDOT.gov and search “State Infrastructure Bank”

- SIB Application
- General program information
 - Informational flyers
 - Sample resolutions for the local entity





Project Selection Process Update



Transportation Advisory Committee
February 14, 2024

Investment Categories

- Selection Process in progress
 - High Growth Area Needs
 - Resiliency and State of Good Repair
 - Operational Improvements and Congestion Management
 - Transit
 - Major Projects
- Evaluation criteria available at <https://www.h-gac.com/transportation-project-selection-process>
- Questionnaires due on February 15, 2024
- Sponsors can request portal accounts by sending an email to Vishu.Lingala @h-gac.com

Contacts



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Item 11B. Administrative Amendments to the 2023-2026 TIP and 2045 RTP



Transportation Advisory Committee
February 14, 2024

Administrative TIP Amendments

- Update descriptions of sixty-three (63) projects with minor corrections and clarifications to address the Federal Highway Administration's comments that resulted from the 2045 Regional Transportation Plan Update air quality conformity review.

Action

- Signed for December 2023
- Information and discussion only



Item 11C. Future Amendments to the 2023-2026 TIP and 2045 RTP



Transportation Advisory Committee
February 14, 2024

Future TIP and RTP Amendments

- Program TxDOT Houston District's FM 1488 ROW acquisition with federal/state SW-ROW funding in FY 2024 (MPO ID 18985) for the FY 2026 4-lane construction in Montgomery County (MPO ID 16313). (+\$14.2M; Total: \$14.2M)
- Program TxDOT Houston District's IH 10 W frontage roads construction (MPO ID 19023) with Cat-2 funding in Waller County selected by TPC as a Regional Goods Movement project in December 2023. (+\$52.9M; Total: \$52.9M)
- Program TxDOT Houston District's IH 10 W frontage roads construction (MPO ID 19024) with Cat-2 funding in Fort Bend County selected by TPC as a Regional Goods Movement project in December 2023. (+\$4.0M; Total: \$4.0M)
- Program TxDOT Houston District's IH 45 N (NHHIP) ROW phase for Segment 3C-1 (MPO ID 18976), funded with federal/state SW-ROW funding in FY 2024 to allow commencement of advanced ROW acquisitions and utilities coordination. (+\$94.0M; Total: \$94.0M)

Future TIP and RTP Amendments

- Program TxDOT Houston District's IH 45 NHHIP ROW phase for Seg 3C-2 (MPO ID 18977) funded with federal/state SW-ROW in FY 2024 to allow advanced ROW acquisitions and utilities coordination. (+\$610.0M; Total: \$610.0M)
- Split out two segments (MPO IDs 19025, 19026) of the TxDOT Houston District's NHHIP Seg 3C-2 interchanges reconstruction (MPO ID 16330) to improve constructability. Delay to FY 2028. (+\$0M; Total: \$1.1B)
- Program TxDOT Houston District's NHHIP main lane reconstruction for Seg 3C-2 (MPO ID 19025) split from MPO ID 16330 with federal/state Statewide Connectivity and SW-ROW funding in FY 2024. (+\$196.0M; Total: \$196.0M)
- List TxDOT Houston District's NHHIP main lane reconstruction for Segment 3C-3 (MPO ID 19026) split from MPO ID 16330 in FY 2027 of the 2045 RTP. (Total Project Cost: \$250.0M)

Future TIP and RTP Amendments

- Program TxDOT Houston District's US 290 Truck Parking Lot construction at FM 2920 (MPO ID 18917) with federal/state Preventative Maintenance and Rehabilitation funding in FY 2025. (+\$1.8M; Total: \$1.8M)
- Program National Electric Vehicle Infrastructure (NEVI) Formula Program award for installation of 4 direct current fast-charge ports on IH 69 S in Sugar Land (MPO ID 19075) in FY 2024. (+\$1.1M; Total: \$1.1M)
- Program National Electric Vehicle Infrastructure (NEVI) Formula Program award for installation of 4 direct current fast-charge ports on IH 10 East in Winnie (MPO ID 19076) in FY 2024. (+\$1.2M; Total: \$1.2M)
- Add \$17.9M CMAQ funds for additional design elements and inflated costs of labor and materials on TxDOT Houston District's FY 2026 BW 8 Frontage Road Access Management (MPO ID 18035). (+\$17.9M; Total: \$26.9M)

Future TIP and RTP Amendments

- Delay City of Houston's STBG funded Greens Road 4-lane widening (MPO ID 5030) from FY 2024 to FY 2025 to allow for coordination with the Regional Strategic Transportation Fund Program. (Total: \$16.0M)
- Delay TxDOT Houston District's NHHIP interchange reconstruction (MPO ID 16328) from FY 2024 to FY 2025 and update description with segment name. (Total: \$909.6M)
- Delay TxDOT Houston District's SH 249 8-lane widening (MPO ID 17224) from FY 2025 in the 2045 RTP to FY 2027 at TxDOT's request. (Total Project Cost: \$130.6M)
- Delay METRO's CMAQ funded US 290 Cypress Park & Ride ramp construction (MPO ID 17041) from FY 2024 to FY 2027 to allow for completion of design, agreements and environmental clearance. (Total: \$909.6M)

Future TIP and RTP Amendments

- Delay City of Bellaire's CMAQ funded wireless communications installation (MPO ID 18020) from FY 2025 to FY 2026 to allow for consultant selection. (Total: \$867K)
- Delay City of Galveston's FTA Section 5307 funded transit operations (MPO ID 18616) from FY 2023 to FY 2024 to conform with funding needs. (Total: \$2.6M)
- Advance TxDOT Houston District's NHHIP Segment 3B drainage (MPO ID 19007) from FY 2025 to FY 2024 to take advantage of project readiness. (Total: \$226.7M)
- Add ROW acquisition as authorized phase to TxDOT Houston District's FM 517 FY 2028 4-lane widening in Galveston County (MPO ID 38). (Total: \$108.9M)

Future TIP and RTP Amendments

FY 2024 Unified Transportation Plan Reconciliations

#	MPO ID	Amendment	Roadway	County	Category	Add \$M	Total \$M
1	17233	Program	US 290	Waller	Cat-2, Cat-4	\$83.2	\$83.2
2	263	Modify Funds	SH 36	Fort Bend	Cat-2, ROW	\$11.4	\$75.3
3	290	"	FM 2100	Harris	Cat-2, ROW	\$1.5	\$44.4
4	514	"	FM 646	Galveston	Cat-2, ROW	\$14.1	\$51.6
5	965	"	SH 105	Montgomery	Cat-2, Cat-4, ROW	\$12.4	\$125.3
6	7706	"	SH 105	Montgomery	Cat-2, ROW	\$13.4	\$53.8
7	10132	"	FM 518	Brazoria	Cat-2, ROW	\$7.6	\$61.3
8	10144	"	FM 646	Galveston	Cat-2, Cat-4, ROW	\$17.6	\$26.8
9	10920	"	FM 646	Galveston	Cat-2, Cat-4, ROW	\$3.5	\$36.8
10	18027	"	SH 35	Brazoria	Cat-2, ROW	\$0.0	\$39.4
11	18029	"	US 90A	Fort Bend	Cat-2	\$0.6	\$35.6
12	18048	"	IH 610	Harris	Cat-2, Cat-12, ROW	\$0.0	\$205.0

Action

- Discussion and Possible Action