

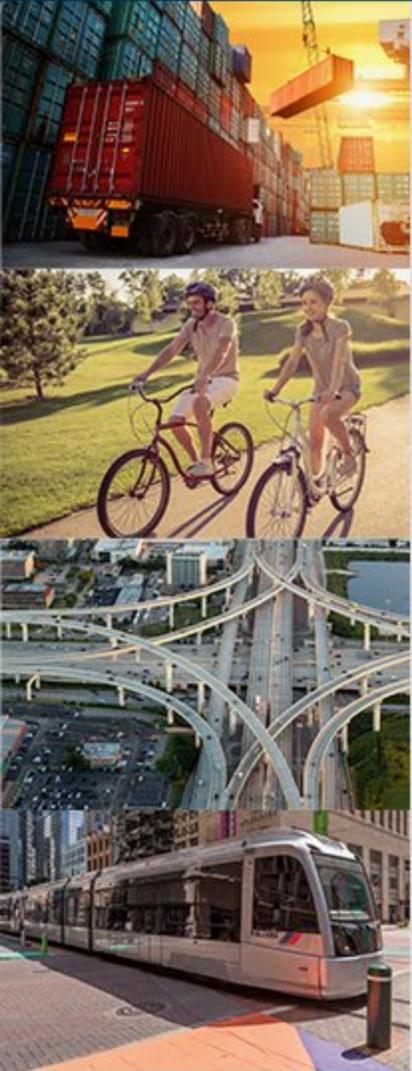


Item 06: Carry Over Balances and Plan

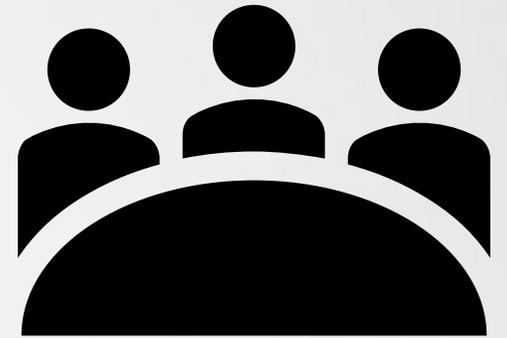


Transportation Advisory Committee (TAC)
October 16, 2024

TIP Quarterly Monitoring



- **\$1.7B of Local Government (LG) Projects**
 - Projects Schedules (Critical Path Items)
 - Updates/Amendments to Let Dates, Costs, Etc.
- **May 2022 – May 2023**
 - Realistic Conversations (Cats 5, 7 and 9)
 - 46% of all LG TIP funds Moved from FY 2023 - FY 2024
 - 41% of all LG TIP funds Moved from FY 2023 - FY 2025
 - Cost Increase Requests Processed - ~10 Projects



1st Carry Over Spend Down - Dec 2023

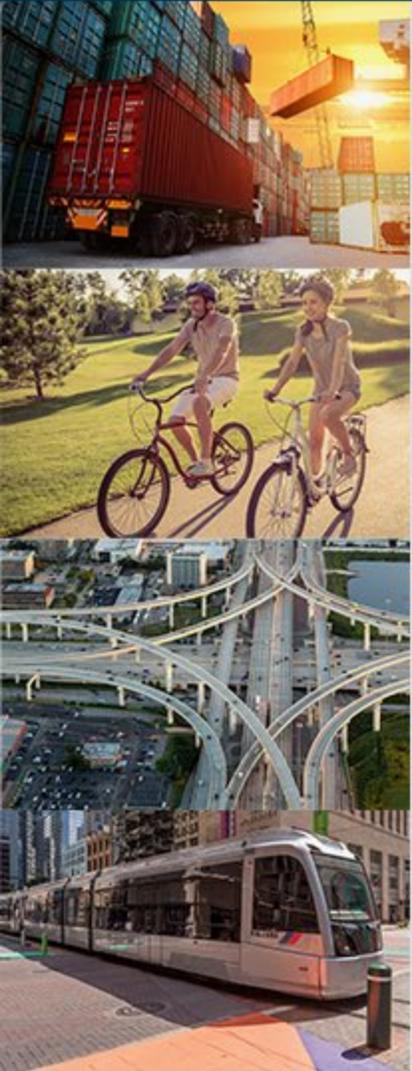


■ Projects with August 2025 Let Date

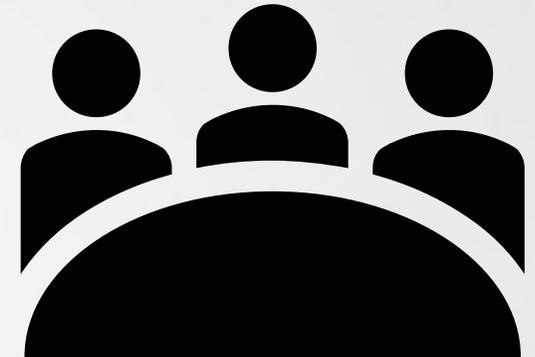
- 60 Projects with 25 Sponsors ~\$335M
- To Generate ~\$23M for RSTF Program
- 1 Project Let - TxDOT Houston ~\$21M
- 2 Projects Transferred to FTA – FB County Transit ~\$3.7M



Continued – TIP Quarterly Monitoring



- **May 2023 – May 2024**
 - Move Out of FY 2025 (Total 10%)
 - 6% to FY 2026
 - 4% to FY 2028
 - Move Out of FY 2026 (Total 17%)
 - 8% to FY 2028
 - 9% to FY 2029
 - Move Out of FY 2027 (Total 10%)
 - 9% to FY 2028
- **Continued Cost Increase Requests**



2nd Round Carry Over Spend Down – Sept 2024



- **Projects with August 2025 Let Date**
 - 8 Projects with 8 Sponsors ~\$65M
 - To Generate ~\$6M for RSTF Program



Carry Over Balances 2024

Funding Category	Carryover FY2023	FY2024 Allocation	Amount Scheduled for Letting TXDOT Connect*	Anticipated FY2024 Carryover Balance	Amount of Carryover Balance >200% of FY24 Allocation
Cat. 5 (CMAQ)	\$268.56	\$96.15	\$28.61	\$336.10	\$143.80
Cat. 7 (STBG)	\$420.45	\$179.34	\$96.85	\$502.95	\$144.27
Cat. 9 (TASA)	\$51.25	\$20.80	\$9.73	\$62.31	\$21

**Primarily Reflects 2024 Lettings
Amounts above are reflected in Millions*

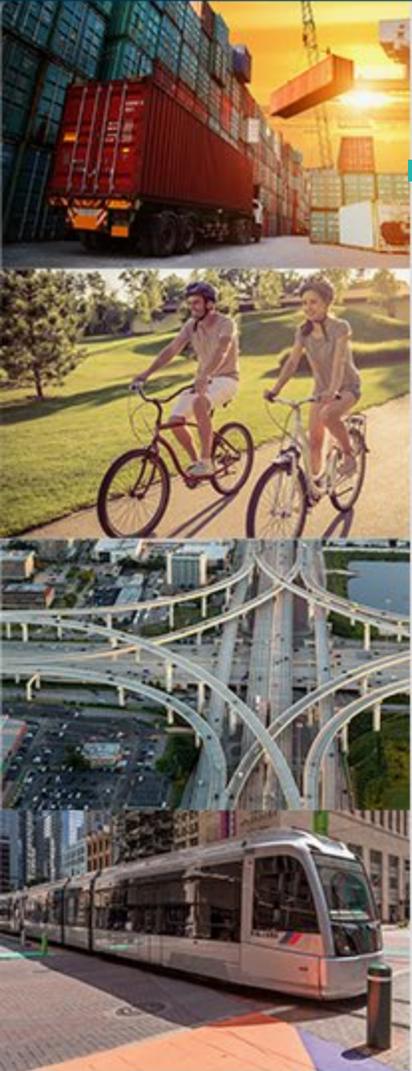
3rd Round Carry Over Spend Down – Oct 2024



- **Projects Submitted - August 2026 Let Date**
 - CMAQ Eligible - ~\$250M
 - STBG Eligible - Over \$1B
- **Requested for TAC Recommendation for TPC Approval**
 - CMAQ Eligible (16 Projects) ~\$250M
 - STBG Eligible (40 Projects) ~\$350M



Recommendation



- TAC Recommendation for TPC Approval for the following:
 - 1) to Fund All Projects Listed in Items 06-05 with CMAAQ;
 - 2) Fund All Projects Listed in Items 06-06 with STBG;
 - 3) Consider Future Funding of Project in Item 06-07 for “E” Phase Only
 - 4) Approve METRO’s FTA project scope change request ;
 - 5) Shift Let Dates

Contact

Callie Barnes

Program Manager – Project Delivery

Callie.Barnes@H-GAC.com

832-681-2615



Item 7A: Carry Over Amendments



Transportation Advisory Committee (TAC)
October 16, 2024

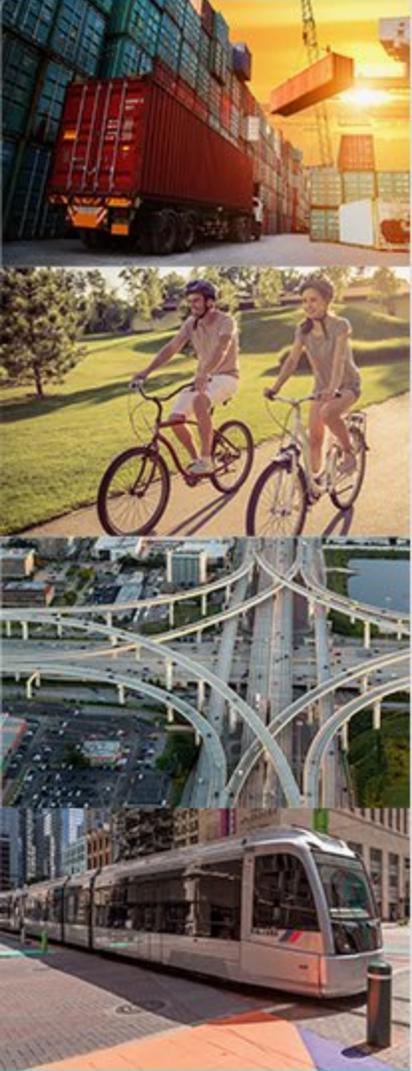
Carry Over Balances 2024

Funding Category	Carryover FY2023	FY2024 Allocation	Amount Scheduled for Letting TXDOT Connect*	Anticipated FY2024 Carryover Balance	Amount of Carryover Balance >200% of FY24 Allocation
Cat. 5 (CMAQ)	\$268.56	\$96.15	\$28.61	\$336.10	\$143.80
Cat. 7 (STBG)	\$420.45	\$179.34	\$96.85	\$502.95	\$144.27
Cat. 9 (TASA)	\$51.25	\$20.80	\$9.73	\$62.31	\$21

*Primarily Reflects 2024 Lettings

Amounts above are reflected in Millions.

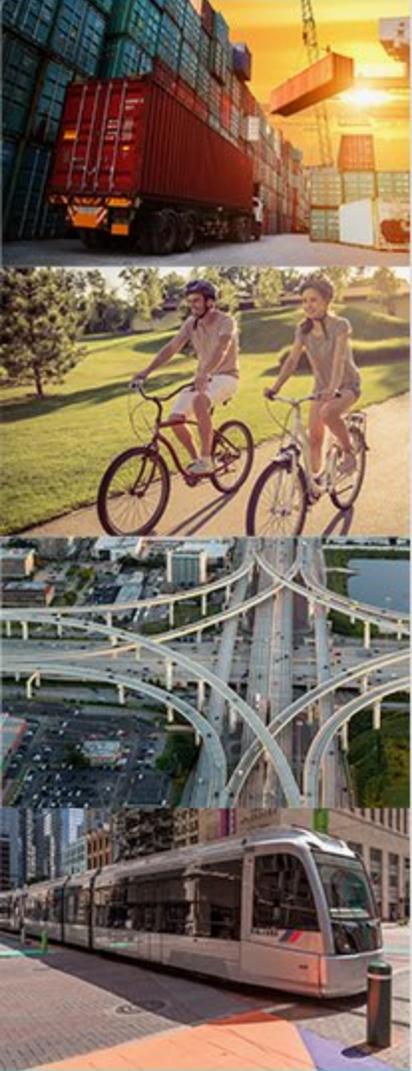
3rd Round – Solicitation for Carry Over Spend Down Projects



- **Projects Submitted - August 2026 Let Date**
 - CMAQ Eligible - ~\$250M
 - STBG Eligible - Over \$1B
- **Requested for TAC Recommendation for TPC Approval**
 - CMAQ Eligible (16 Projects) ~\$250M
 - STBG Eligible (40 Projects) ~\$350M



Recommendation



- TAC Recommendation for TPC Approval for the following:
 - 1) to Fund All Projects Listed in Items 06-05 with CMAQ;
 - 2) Fund All Projects Listed in Items 06-06 with STBG;
 - 3) Consider Future Funding of Project in Item 06-07 for “E” Phase Only
 - 4) Approve METRO’s FTA project scope change request ;
 - 5) Shift Let Dates

Contact

Callie Barnes

Program Manager – Project Delivery

Callie.Barnes@H-GAC.com

832-681-2615



Item 7B. Amendments to the 2025-2028 TIP



Transportation Advisory Committee
October 16, 2024

TIP Amendments

- Reconcile funding of thirty-two (32) TXDOT Houston District projects (Categories 2, 3-Design Build, 4, 12-Texas Clear Lanes & Statewide Right-of-Way) with FY 2025 Unified Transportation Program approved by Texas Transportation Commission in August 2024.
- **Added after September meeting**
 - IH 69 S Reconstruct & Widen (MPO ID 7428) +\$133M Cat-4
 - IH 10 W Reconstruct & Widen (MPO ID 10334) +\$111M Cat-2 & - \$111M Cat-4
 - IH 10 W Restripe & Widen (MPO ID 13864) +\$773K Cat-4

TIP Amendments

- Revise funding of five (5) TXDOT Houston District SH 99 Segment-B projects in Categories 2, 3, 4, and Statewide ROW due to design changes & new primacy agreement between Brazoria County and TXDOT. Clarify the limit of (MPO ID 257) due to design change.
- **Added after September meeting**
 - Program two (2) City of Galveston/Island Transit FTA Section 5339 vehicle purchase projects in FY 2025 & FY 2026 (MPO IDs 19180 & 19181) +\$360K

FY 2025 Unified Transportation Program Reconciliation Amendments

Funding Category

Difference (\$M)

2 - Metropolitan and Urban Area Corridor Projects

\$149

3 - Non-Traditionally Funded Transportation Projects

\$695

4 - Statewide Connectivity Corridor Projects

\$309

5 - Congestion Mitigation and Air Quality Improvement

\$0

11 - District Discretionary

\$15

12 - Strategic Priority

-\$117

12 - Clear Lanes

\$211

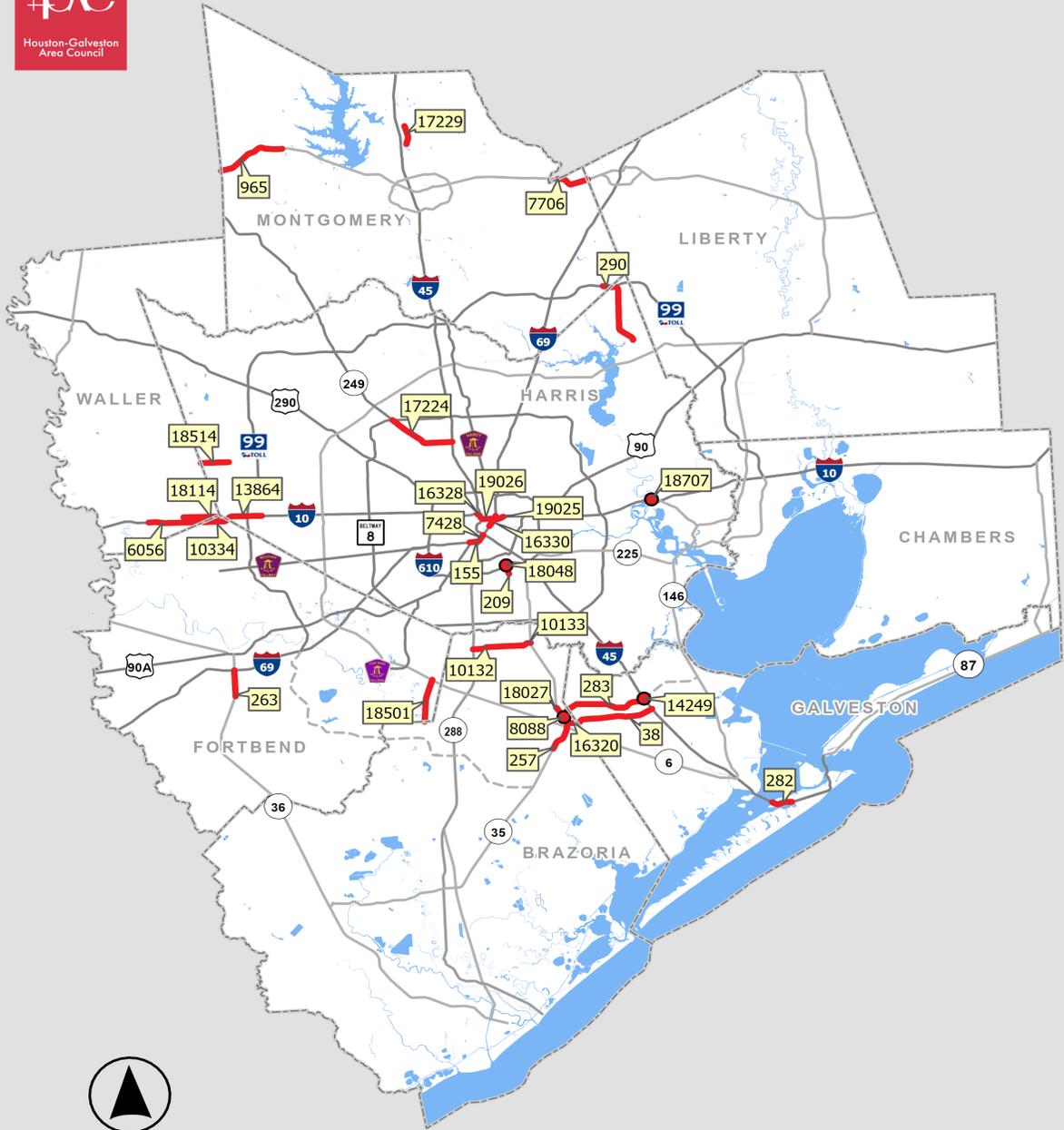
Statewide Right-of-Way

\$159

Total:

\$1,421

UTP & SH 99



Regional

Roadway/Intersection Projects



Action Requested

- Transportation Advisory Committee recommendation for Transportation Policy Council approval of Resolution 2024-35



Cycle 7 FY 2025-2028 Livable Center Study Sponsors

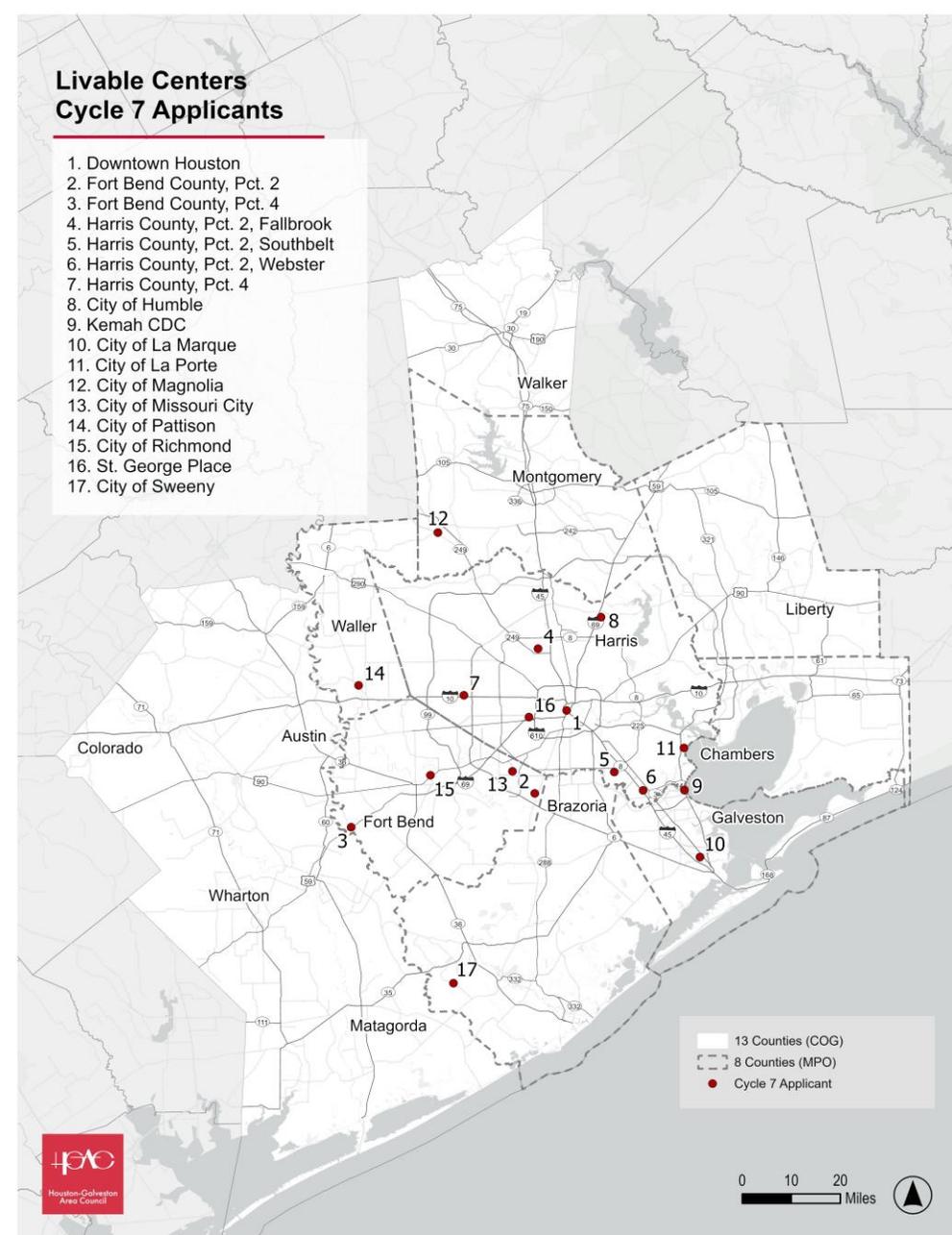


Sarai Osorio
Transportation Advisory Committee
October 16, 2024

Cycle 7 Call

Applicant Pool

- 19 notices of intent to apply
- 17 application submissions
 - 15 entities



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 Center Studies (FLC)

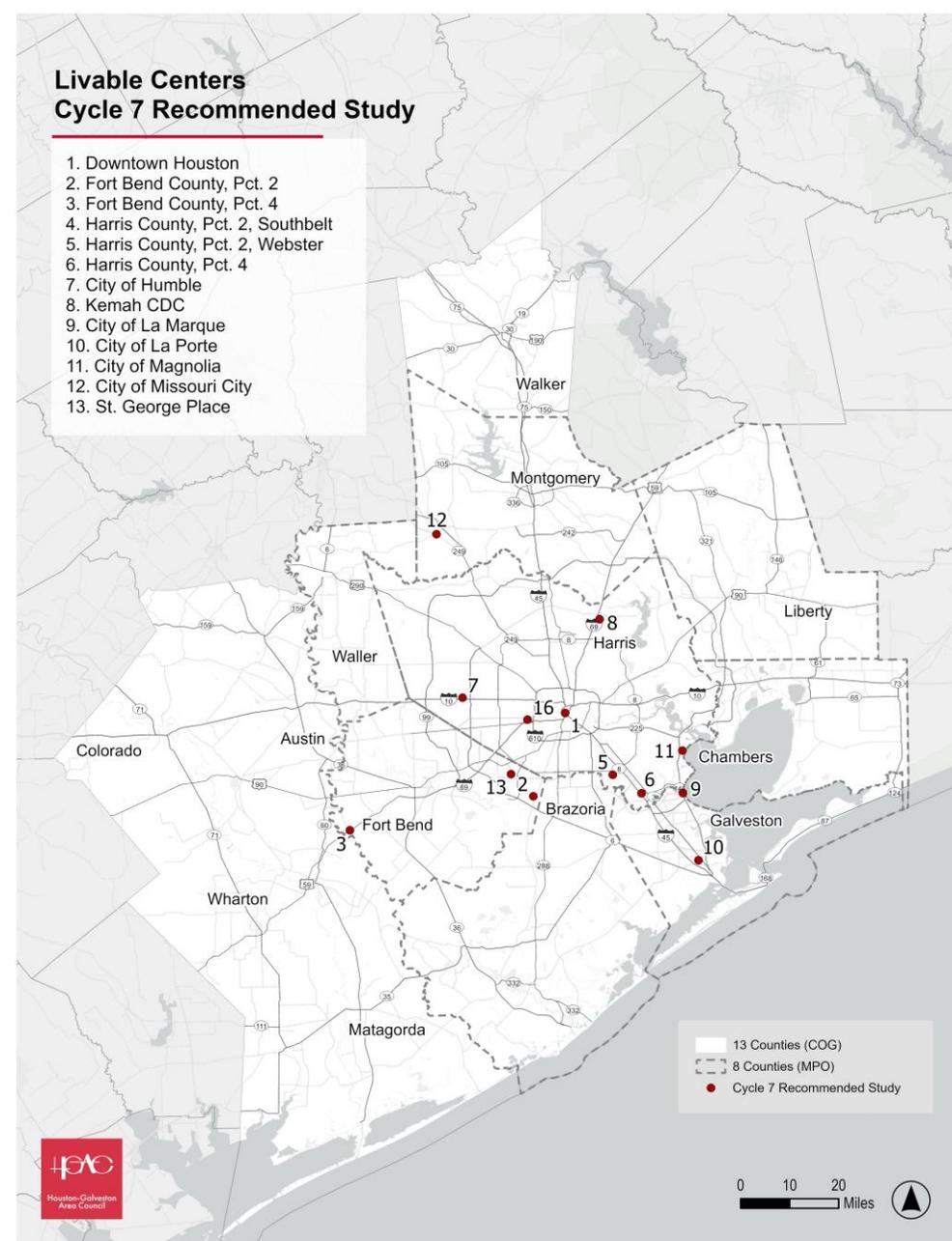
Criteria 1: Description/Scope	20%
Criteria 2: Capacity to Implement	20%
Criteria 3: Fulfilling Program Goals Required	40%
Goal 1: Create multi-modal travel choices	30%
Goal 2: Create resilient quality places	10%
Focused Criteria: Choose one	20%
Goal 3: Promote equitable infrastructure	20%
OR	
Goal 4: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

100%

Committee Evaluation

Recommended

- 13 studies
 - 10 Livable Center studies
 - 3 Focused Livable Center studies



Action Requested

Transportation Advisory Committee recommendation for Transportation Policy Council approval of thirteen Livable Center studies

Sarai Osorio

Principal Planner, Livable Centers Program

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832-681-2528



Project Selection Process Update



Transportation Advisory Committee
October 16, 2024

Investment Category	Funding Instructions	Description and Purpose (“Identify, develop, and fund...”)
Regional Goods Movement	12%	Projects that most effectively enhance or improve safe and reliable freight mobility throughout the region.
Major Projects	30%	Projects that are regional in scope, most effectively address goals and priorities of the Transportation Policy Council or identified in the Regional Transportation Plan and exceed \$100 million in total estimated costs.
High-Growth Area Needs	25%	Projects that most effectively address mobility, accessibility, and congestion mitigation needs in areas experiencing rapid or significant growth in population or other demographic measures, economic development, travel demand, or other indicators identified by local agencies.
Operational Improvements & Congestion Management	13%	Projects that most effectively deliver traffic management and other operational improvements, as well as mitigate current congestion.
Resiliency & State of Good Repair	5%	Projects that most effectively help the transportation system avoid or recover quickly from events that create delays, closures, or other impacts, and projects that provide maintenance of current transportation facilities and services.
Transit	7.5%	Projects that most effectively provide, expand, or enhance transit infrastructure throughout the region.
Active Transportation	7.5%	Projects that most effectively enhance or improve walking and bicycling for essential trip-making in the region.
Safety **	\$30M Per Year	Projects that most effectively will reduce or eliminate crashes that result in fatalities and serious injuries.

Status Update

- Completed criteria scoring all submitted projects and distributed them to the sponsors
- Validated all evaluation scores
- Validated all Benefits-Cost ratios and assigned BCA scores
- First draft total scores and ranking posted online <https://www.h-gac.com/transportation-project-selection-process>

Benefit-Cost Scoring

- All projects that scored >50 points in evaluation criteria were scored for BCA
- Total Benefits/Total Cost
- B/C ratios ranged from 0.1 to > 100.0
- Covert benefit/cost ratios > 1.0 in to points 0 -100
 - 3 Methods

Benefit-Cost Scoring Method 1

- BCA Scoring Method 1:
 - Highest Benefit/Cost ratio (BCR) was assigned 100 points (max)
 - Lowest BCR > 1.0 was assigned 1 point
 - Everything between was assigned proportional points between 1-100
 - BCR < 1.0 was assigned 0 points (lowest)

Draft Summary of BCA Scores Method 1

Points	Major Projects	High Growth Area Needs	Operational Improvements & Congestion Management	Resiliency & State of Good Repair	Transit
76 -100	3	4	7	2	2
51 - 75	6	1	0	1	0
26 – 50	11	1	1	1	0
1 - 25	37	39	23	31	0
0 (BCR < 1.0)	1	14	7	6	0
Total BCA Scored	58	55	38	41	2
Projects Reviewed for RTP	46	9	19	6	0

* BCA score summary may change after BCA validation is completed

Benefit-Cost Scoring Method 2

- BCA Scoring Method 2:
 - Projects with $BCR > 1.0$ were sorted from high to low and split into 4 quartiles
 - Projects in the top quartile were assigned 100 points (max)
 - Projects in the 2nd from the top quartile were assigned 75 points
 - Projects in the 3rd from the top quartile were assigned 50 points
 - Projects in the bottom quartile were assigned 25 points
 - $BCR < 1.0$ was assigned 0 points (lowest)

Draft Summary of BCA Scores Method 2

Points	Major Projects	High Growth Area Needs	Operational Improvements & Congestion Management	Resiliency & State of Good Repair	Transit
100	14	12	9	9	2
75	14	11	7	8	0
50	14	11	7	9	0
25	15	11	8	9	0
0 (BCR < 1.0)	1	10	7	6	0
Total BCA Scored	58	55	38	41	2
Projects Reviewed for RTP	46	9	19	6	0

* BCA score summary may change after BCA validation is completed

Benefit-Cost Scoring Method 3

- BCA Scoring Method 3:
 - Projects with $BCR > 1.0$ were sorted from high to low
 - Projects with a $BCR > 10$ were assigned 100 points (max)
 - Projects with a BCR from 6.0-10.0 were assigned 75 points
 - Projects with a BCR from 3.0-6.0 were assigned 50 points
 - Projects with a BCR from 1.0-3.0 were assigned 25 points
 - $BCR < 1.0$ was assigned 0 points (lowest)

Draft Summary of BCA Scores Method 3

Points	Major Projects	High Growth Area Needs	Operational Improvements & Congestion Management	Resiliency & State of Good Repair	Transit
100	7	8	10	5	0
75	7	7	2	3	0
50	14	15	7	8	0
25	29	15	12	19	0
0 (BCR < 1.0)	1	10	7	6	2
Total BCA Scored	58	55	38	41	2
Projects Reviewed for RTP	46	9	19	6	0

* BCA score summary may change after BCA validation is completed

Comparison of scoring methods 1, 2, and 3

Points	Major Projects		
	Method 1	Method 2	Method 3
100	3	14	7
75	6	14	7
50	11	14	14
25	37	15	29
0 (BCR < 1.0)	1	1	1
Total BCA Scored	58	58	58

Points	High Growth Area Needs		
	Method 1	Method 2	Method 3
100	4	12	8
75	1	11	7
50	1	11	15
25	39	11	15
0 (BCR < 1.0)	14	10	10
Total BCA Scored	55	55	55

Comparison of scoring methods 1, 2, and 3

Points	Operational Improvements & Congestion Management		
	Method 1	Method 2	Method 3
100	7	9	10
75	0	7	2
50	1	7	7
25	23	8	12
0 (BCR < 1.0)	7	7	7
Total BCA Scored	38	38	38

Points	Resiliency & State of Good Repair		
	Method 1	Method 2	Method 3
100	2	9	5
75	1	8	3
50	1	9	8
25	31	9	19
0 (BCR < 1.0)	6	6	6
Total BCA Scored	41	41	41

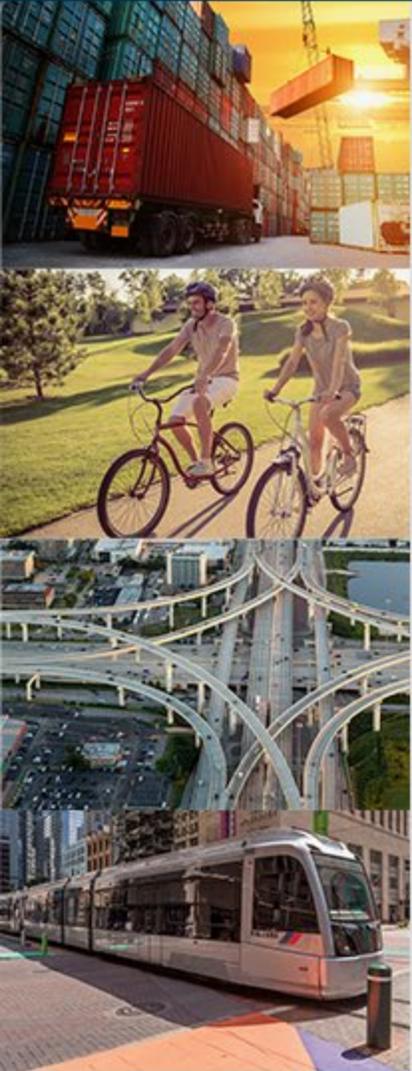
Draft Total Score

- Combined BCA with evaluation criteria scores
- Method 3 Sorted from highest to lowest
- Projects ranked
- Posted Method 3 ranked lists for each Investment Category
 - First list: All projects
 - Second list: Projects submitted by TxDOT Beaumont district and Local governments
 - Third list: TxDOT Houston district

Next Steps

- Screen out RTP only projects
- Complete project readiness with project sponsors
- Review funding eligibility for project types
- Apply funding instructions from TPC
- Prepare recommendation for TAC and TPC consideration
 - TIP
 - 10-Year Plan
 - RTP

Contacts



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Item 10. 2025 Unified Planning Work Program



Transportation Advisory Committee
October 16, 2024

FY 2025 UPWP

- Federal Fiscal Year October 1 to September 30
- Describes all anticipated activities for the Metropolitan Planning Organization
- Description of activity including consultant use, funding amount and source, and status
- Ongoing studies and plans for active transportation, safety, mobility, transit, thoroughfare and corridor focuses

FY 2025 UPWP – Mobility/Thoroughfare

Study	Anticipated Completion
Old Sixth Ward/TIRZ Mobility Plan	November 2024
Chambers County Thoroughfare Plan	February 2025
Pearland Mobility Plan	March 2025
Pearland FM 518 Corridor Study	March 2025
Cemetery Road Corridor Study	March 2025
Washington Avenue Corridor Study	May 2025
Friendswood Parkway Corridor Study	August 2025
Liberty County Thoroughfare Plan	March 2027

FY 2025 UPWP – Active Transportation

Study	Anticipated Completion
Bay Area Bicycle and Pedestrian Safety Plan	October 2024
Buffalo Bayou East Concept Study	September 2025
Memorial Drive Bicycle and Pedestrian Study	September 2025
Friendswood Trails Master Plan	December 2025

FY 2025 UPWP - Transit

Study	Anticipated Completion
Pearland Transit	November 2024
Dayton Transit Needs Assessment and Feasibility Study	To be determined
Regional Bus High Capacity Transit Corridor Study	To be determined
Outer WestPark High Capacity Transit Corridor Study	On Hold

Next Steps

- Incorporate TAC and TPC involvement into plan finalization
- Publish Recommendations Database Map
- Develop guidance for accepting new study requests

Contact Information

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Assistant Director
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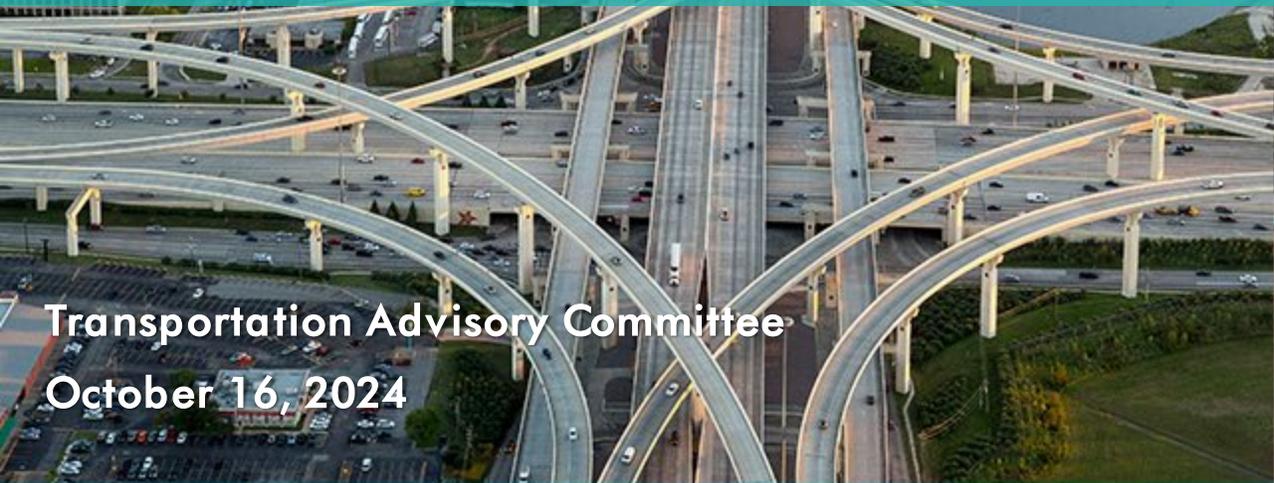
Allie.Isbell@h-gac.com

[Engage.h-gac.com](https://engage.h-gac.com)

h-gac.com/unified-planning-work-program



Item 11. Strategic Highway Network Additions Concurrence

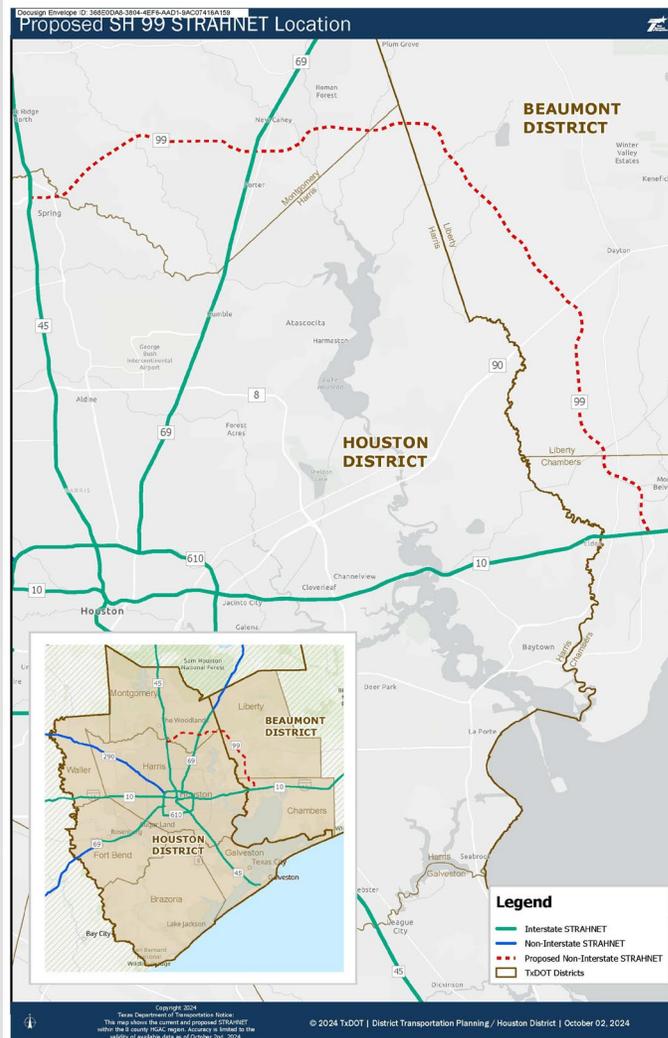


Transportation Advisory Committee
October 16, 2024

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



Item 13A. Future Amendments to 2025 TIP & TxDOT Statewide Program



Transportation Advisory Committee
October 16, 2024

2025-2028 TIP Amendments

- Add \$993K CMAQ federal/\$248K local to City of Bellaire's FY 2026 ITS Implementation (MPO ID 18020) to cover increases due to inflation and upgraded scope of work

TxDOT Statewide Program Amendment

- Program 3.7M TDCs in lieu of matching funds for Uptown Management District's FY 2025 \$18.6M TASA funded West Loop Shared-Use Path construction (MPO ID 19172)

Action

- For review and discussion only

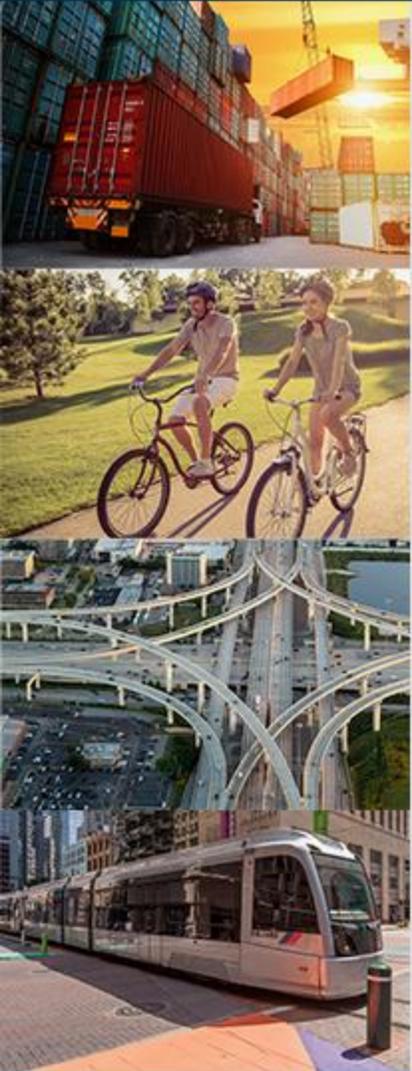


Item 13B. Commute Solutions Emergency Ride Home Pilot



Transportation Advisory Committee
October 16, 2024

Emergency Ride Home Pilot Overview

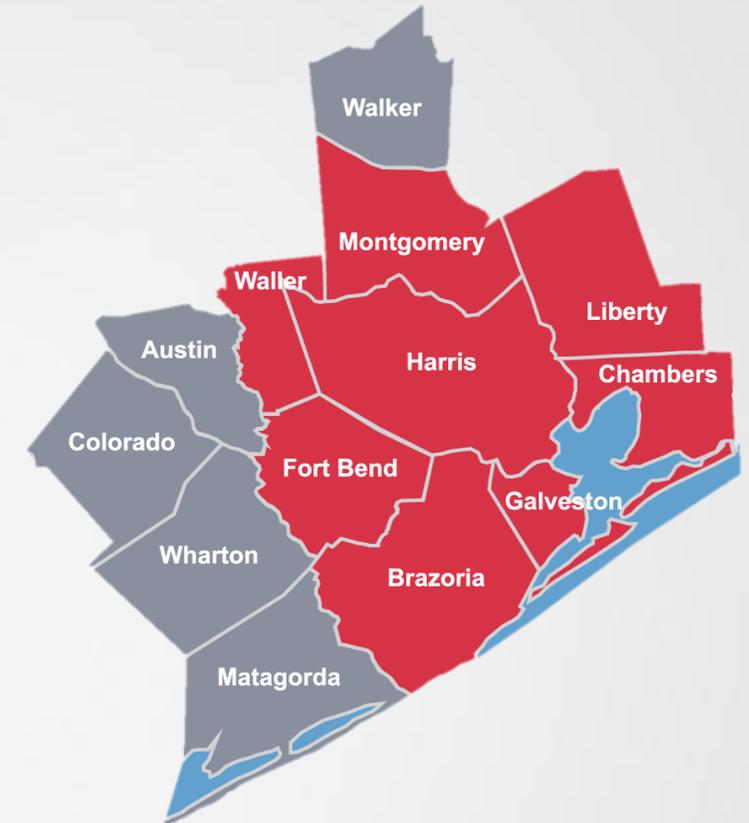


- **Goal** – Encourage greater adoption of transit, vanpool, carpool, biking and walking.
- **Service** - Offer up to six free Emergency Rides Home per calendar year from work or school for adults who bike, walk, take transit, carpool or vanpool.
- **Eligibility** – Adults 18 and over who take a trip to work or college and live, work or attend college in the eight-county planning area.
- **Qualified Emergencies** – Illness, Family Member Illness, Unscheduled Overtime, Death of Family Member, Driver Emergency.

Expanded Service



- **Currently** - Emergency Ride Home is only offered by Fort Bend Transit and METRO
- **Expansion** – Regionwide baseline coverage to include eligible riders in Liberty, Chambers, Galveston, Brazoria, Fort Bend, Montgomery, Waller and East Harris Counties
- **Coordination Partners** – FHWA, TxDOT, ConnectSmart, Brazos Valley Transit, Colorado Valley Transit, City of Conroe, Fort Bend Transit, Harris County Transit, Gulf Coast Transit District, Island Transit, METRO, The Woodlands Township



Anticipated Cost and Impact

- 2,500 registrants the first year.
- Estimated 2% usage rate
- 50 Trips anticipated
- Estimated minimum cost \$3,500 yr. 1
- Conduct Surveys and Collect Data
- Conduct Cost Benefit Analysis
 - #New Riders all modes
 - Increased Ridership, in particular transit and vanpool
 - Estimated Vehicle Mile Reductions, Pollution Reduction, Economic Benefits

Next Steps

November 2024

- Board Approval
- Regional Kickoff

December- January 2025

- Contracting
- Monthly Partner Meetings

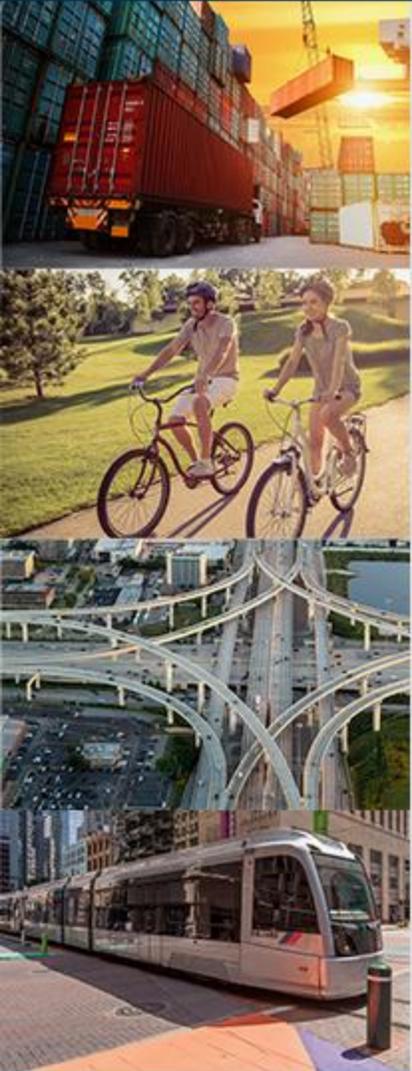
February – March 2025

- Program Preparation
- Monthly Partner Meetings

April 2025

- **Tentative Launch**
- Monthly Partner Meeting

Contact Information



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Senior Program Coordinator, Services

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