



# Project Readiness and Addressing Carry-Over Balances



Transportation Advisory Committee  
September 13, 2023



# Readiness Questionnaire Status

- Over 230 Readiness Questionnaires Sent to Project Sponsors
- 188 Questionnaires Completed
- “Scenarios” Developed Considering the Following:
  - Planning Steps
  - Level of Public Involvement/Environmental
  - Engineering Needs
  - Right-of-Way Acquisition
  - Utilities
  - RR Coordination

# Next Steps

- Group Projects by “Scenario”
- Assess Over 250 “Typical” Critical Path Schedules
- Inform Local Sponsors of H-GAC’s Estimated Let Date Per Project and Provide “Typical” Critical Path Schedules
- Finalize Recommendation List
  - 0-1 Year
  - 1-2 Years
  - 2-3 Years



# Carry-Over Balance Spend Down Projects



- October 2023 Information - TIP Subcommittee, TAC, TPC
- November 2023 Action - TIP Subcommittee, TAC, TPC
- December 2023 – RTP/TIP Updates
- January 2024 – Anticipate STIP Submittal
- April/May 2024 – Anticipate STIP Approval
- May 2024 – Earliest Advanced Funding Agreement (AFA) Execution





# Project Selection Process Update



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# Benefit Cost Analysis for RGM

- Regional Goods Movement Investment Category
  - Benefit Cost Analysis

	# of Projects
Projects scoring $\geq 50$	40
BCA Responses Received	38
Projects withdrawing from consideration	2

# Next Steps

- Finalizing BCA submitted by sponsors
  - Follow up on benefit calculators
- Covert benefit/cost ratios in to points 0 -100
- Sponsors will have opportunity to challenge BCA scores
- Final scores and ranking will be determined after sponsors validate final scores

# RGM Next Steps/Timeline

	RGM Selection Process Steps	Schedule
Staff	Sponsor meetings to debrief	7/12 - 7/20
Staff	Provide Benefit Calculators	7/18
Staff	Benefit Calculators Presentation	7/17 - 7/21
Sponsors	Provide Benefit - Cost Information	7/19 - 8/21
Sponsors	Provide Project Budget	7/19 - 8/21
Sponsors	Provide Readiness Information	7/19 - 8/21
Staff	Validation of Scores and BCAs	9/11 - 9/22
Staff	Project Readiness Determined (for Sorting)	9/11 - 9/22
Staff	Ranked list Developed	9/22 - 9/29
TAC/TPC	Ranked List Reviewed	October
TAC/TPC	Ranked List Approval	November
Staff	TIP/RTP Amendments for AQ-Exempt Projects	TBD
Staff	TIP/RTP Amendments for AQ-Non-Exempt Projects	TBD



# Next Five Investment Categories

- High Growth Area Needs
- Resiliency and State of Good Repair
- Operational Improvements and Congestion Management
- Transit
- Major Projects

# High Growth Area Needs

Criteria	Max 50	Scoring Detail
Narrative defining high growth area project need	5	Based on narrative
Project recommended in a statewide, regional or a local plan	5	Table HGN-2
Provides multimodal access to new developments or expands existing networks to alleviate anticipated congestion	20	Table HGN-3; HGN-4
Project improves or provides new multimodal alternative route to existing corridor (Road or transit route)	10	Table HGN-5
Project is located on a state designated hurricane evacuation route or a facility that functions as an alternative route to a hurricane evacuation route	10	Table HGN-6



# Resiliency and State of Good Repair

Criteria	Max 50	Scoring Detail
Regional significance	10	Tables RSOGR-2; RSOGR-3
Narrative explaining how proposed project reduces inoperability for significant periods of time due to damaged infrastructure	5	Table RSGOR-4
Daily Users (AADT, Transit riders)	10	Tables RSOGR-5; RSOGR-6
Condition and age of the facility	10	Tables RSOGR-7; RSOGR-8
Asset maintenance plan (Asset management plan approved by local agency)	5	
Project is located on a state designated hurricane evacuation route or a facility that functions as an alternative route to a hurricane evacuation route	10	Table 28

# Operational Improvements & Congestion Management

Criteria	Max 50	Scoring Detail
Existing congestion (Travel Time Index-TTI) at project location.	10	Tables OICM-2
Peak period TTI at proposed location after improvement.	20	Tables OICM-3
Project scope includes congestion management strategies	10	Tables OICM-4
Project is located on a state designated hurricane evacuation route or a facility that functions as an alternative route to a hurricane evacuation route	10	Tables OICM-5



# Transit

Criteria	Max 50	Scoring Detail
Project recommended in a transit plan (Yes/No). Regional, subregional, transit, livable centers or another plan.	10	Table TR-2
Expands or provides new transit service (Yes/No)	10	Table TR-3
Provides connection to other transit services (service operated by other transit agency/fixed route/commuter/rail etc.)	5	Table TR-4
Improves or provides new connectivity to jobs	5	Table TR-5
Daily ridership (estimated ridership)	10	Table TR-6
Narrative explaining how proposed transit project helps in evacuation	10	Table TR-7

# Major Projects

Criteria	Max 100	Scoring Detail
Narrative explaining how Proposed project supports 2045 RTP update vision and Goals	20	Tables MP-2
Regional significance (Roadway facility FC/Commuter transit)	15	Table MP-3
Potential fatality & serious injury crash reductions	10	Tables MP-4; MP-5
Potential congestion reductions	10	Tables MP-6; MP-7
Improves connectivity to employment/medical facilities/activity centers	10	Table MP-8
Improves resiliency/SOGR	10	Table MP-9 - MP-12
Improves conditions for walking and bicycling	10	Table MP-13
Impact on vulnerable population (EJ)	5	Table MP-14
Project is located on a state designated hurricane evacuation route or a facility that functions as an alternative route to a hurricane evacuation route	10	Table MP-15



# Next Steps

- Staff will provide draft criteria document
- TIP Subcommittee comments by September 22
- Publish criteria online questionnaires in early October
- Sponsors will have 45 days to submit responses to criteria

# Contacts



## Project Scoring/Benefit Cost Analysis

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## Project Readiness

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# Houston ConnectSmart

*Making Houston More Connected and Less Congested*

One-Year Anniversary

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- Goal: *Making Houston More Connected and Less Congested*
  - by delivering a better and safer travel experience to commuters
- ConnectSmart is technology platform and mobile app bridging:
  - Transportation Systems Management and Operations (TSMO)
  - Mobility as a Service (MaaS)
  - Travel Demand Management (TDM)
  - and Behavioral Economics
- Seamlessly integrates Supply and Demand





- ConnectSmart is powered by live data from local transportation authorities to provide users the most accurate travel information available, resulting in:
  - Better travel times and routes
  - Ideal transportation options to use, tailored to users' personal needs
  - Personalized trip, incident, and service alerts
  - Integrated Tow and Go™ request button
  - On-street parking zone availability
  - Transit trip planning and ticket purchase, store, and activation



# Houston ConnectSmart in Action



connect smart



**18,530+**  
Total Users



**26,460+**  
Transit Tickets  
Sold



**43,500+**  
Lbs of CO2  
Reduced



**\$33,810+**  
Money  
Savings



**50,000+**  
Miles Not Driven  
(VMT Reduction)

=



**31**  
Round Trips  
Across Texas

The screenshot shows the 'Trip Log' app interface for a user with employer 'TxDOT'. It features a tree graphic with the text 'Watch your tree grow as you reduce your carbon footprint' and a blue button labeled '+ Add a Trip'. Below this is a 'Trips' section for the period 'Oct 14, 2021 - Sep 8'. At the bottom, there is a navigation bar with icons for Home, Carpool, Wallet, Trip Log, and More.

A summary dashboard with three main metrics: 1.9K lbs CO2 Saved, \$1.2K Saved, and 2.1K mi Reduced. Below this is a table for the period 'Oct 14, 2021 - Sep 8' for employer 'TxDOT'.

	CO2 Saved (lbs)	Dollars Saved (\$)	Reduced (mi)
Telework	1.8K	1.2K	2.1K

**1060**  
TOTAL TRIPS

**76**  
WALKING

**216**  
TELEWORK

**10**  
CYCLING



# Key Events and Public Engagement



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#EndTheStreakTX, Nov 2022



COH's Vision Zero Vigil, Nov 2022



ConnectSmart App Launch, Sep 2022



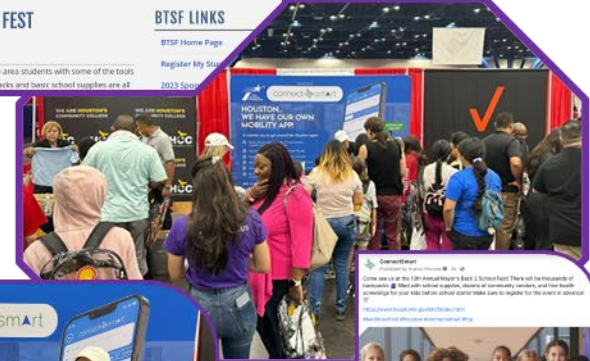
AIG Tabling Event



HR Conference, 2022 and 2023



COH Mayor's Back to School Festival






# One Year Anniversary & Request for Support

- One-Year Anniversary Commemoration
  - Promote and raise awareness about ConnectSmart
  - Engage partners, key stakeholder, and community
  - Promote carpooling, transit, and alternative modes of travel
  - Undertake a multi-tiered marketing and public engagement campaign including:
    - Community and employer events
    - Press release and media outreach
    - Social media campaigns
    - Participation in the Transportation Advocacy Group's TxDOT Industry Day (October 24, 2023)
    - Partnerships with the Houston Business Journal and Houston Innovation Map
- We ask for your support in these efforts





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<https://www.HoustonConnectSmart.com/>

A Better Way, Every Day.







# Item 7. Future Amendments to the 2023-2026 TIP and 2045 RTP



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# Future TIP and RTP Amendments

- Program METRO's locally funded Replacement Buses (FY 2020) project (MPO ID 15246) in FY 2024 specifying clean diesel buses and additional \$49.5M. (+\$49.5M; Total: \$115.1M)
- Add ROW phase for City of Conroe's FY 2026 Old Conroe Road 4-lane extension (MPO ID 17101). Add \$3.5M federal STBG + \$3.5M local for modified alignment and detention plan. (+\$7.0M; Total Cost: \$108.2M)
- Move FY 2024 Regional ITS Infrastructure Hardware/Software Utilities and Communications (MPO ID 18855) from TIP/STIP to the TxDOT Statewide ITS Program to expedite implementation. \$4.0M federal STBG/800K TDCs will be unchanged. (Total Cost: \$4.0M)

# Future TIP and RTP Amendments

- Program \$3.8M TxDOT Highway Safety Improvement Program (HSIP) federally funded (Category 8) awards to City of Houston in FY 2024 for access management, on-street bike lanes, intersection and multimodal improvements, traffic signals, and road diets.
  1. West Little York Rd: TC Jester to Wheatley St (MPO ID 19000). (+\$547K; Total Cost: \$547K)
  2. Northline Dr: Parker Rd to Canino Rd (MPO ID 19001). (+\$790K; Total Cost: \$790K)
  3. Feagan/Willia Streets at Waugh Dr and South Heights Blvd (MPO ID 19002). (+\$818K; Total Cost: \$818K)
  4. North Eldridge Pkwy at North Dairy Ashford Rd (MPO ID 19003). (+\$607K; Total Cost: \$607K)
  5. South MacGregor Way: SH 288 to Cullen Blvd (MPO ID 19004). (+\$315K; Total Cost: \$315K)
  6. South Gessner Rd at Bellaire Blvd & N of Beechnut St (MPO ID 19005). (+\$675K; Total Cost: \$675K)



# Action

- Information and discussion only