

**TIP SUBCOMMITTEE MEETING
HOUSTON-GALVESTON AREA COUNCIL**

TIP Members

Please use Panelist Link in email

Other Interested Parties and Public – Join Zoom below:

<https://us06web.zoom.us/j/86238114619?pwd=VVU5VkFvM0Zta0JpbUNiNWxOZG1EQT09>

Or Join by Phone:

US: 877 853 5247 (Toll Free) or 888 788 0099 (Toll Free)

Webinar ID: 862 3811 4619

Passcode: 654052

Wednesday, November 1, 2023

1:30 p.m. – 3:30 p.m.

AGENDA

- 1. Subcommittee Roll Call**
- 2. Carry Over Spenddown Policy**
- 3. Carry Over Balance Projects (0-2 Year Projects)**
- 4. Regional Goods Movement Selection Process**
- 5. Project Selection Process (Remaining Categories)**
- 6. Announcements**
 - TAC Meeting **November 8, 2023**, 9:30 a.m., Onsite
 - TPC Meeting –**November 17, 2023**, 9:30 a.m., Hybrid (Zoom)
 - TIP Subcommittee Meeting – **December 6, 2023**, 1:30 p.m., Virtual (Zoom)
- 7. Adjourn**



Carry Over Balance Policy



TIP Subcommittee
November 1, 2023

Background



- Carry over balances occur when the annual allocation is not fully utilized within the fiscal year
- Increased timeframes for project delivery
- Need for flexibility and expediency when bringing solutions to the TPC for decision making
- Federal funds not obligated within established timeframes can be subject to lapse
- Proposed changes to the Texas Administrative Code for a 200% cap on MPO carry over balances

Carry-Over Spend Down Policy Summary

- Achieve and maintain a 200% Cap on annually apportioned funds
 - E.g., CMAQ, STBG, and TASA
- Advance projects for TPC funding
- Project readiness assessments
- Additional strategies where/when appropriate
 - E.g., Innovative finance approaches, funding swaps with other MPOs
- Secondary goals of this policy include the following,
 - Expedite project implementation;
 - Manage cost increases due to inflation;
 - Encourage participation in the Regional Strategic Transportation Fund (RSTF)
 - Enhance the region's transportation infrastructure.
- Projects must advance the goals of the RTP or meet the project selection requirements

Carry-Over Spend Down Preferred Strategies

- **Cost Increases Due to Inflation:** Allocate a portion of the carryover balance to cover cost increases caused by inflation, ensuring projects stay on track and can be obligated on schedule. Only projects that can be obligated within two years may receive carryover balances to address inflation.
- **Projects Ready for Construction in 0-2 Years:** Identify projects that can be ready for construction within the next 0-2 years to accelerate their implementation and maximize the utilization of federal funds.
- **Replace Local Funds on Current Projects with Federal Funds and TDCs:** Enable the replacement of local funds on existing programmed projects for federal funds and Transportation Development Credits (TDCs) to reduce the carryover balance and contribute to the Regional Strategic Transportation Fund.
- **Transit Projects:** Allocate funds from the carryover balances to transit projects that can be accelerated and/or obligated quickly by transferring funds to FTA programs to enhance public transportation options within the region. Preference will be given to currently-programmed transit projects; new transit projects may be considered if they can be obligated within two years.
- **Conversion of Federally Eligible Activities to CMAQ/STBG Funding:** Identify local or State projects that can convert federally eligible activities to Congestion Mitigation and Air Quality (CMAQ) or Surface Transportation Block Grant (STBG) funding, leveraging the carryover balance for improved regional transportation initiatives.
- **Swap Local and Federal Funds for Projects Currently in Development:** Identify and allocate federal funds from the carryover balance to support locally-funded transportation infrastructure projects currently in development by local sponsors that align with regional transportation goals. In exchange for using federal funds, local agencies would contribute 80 percent of the project cost to the Regional Strategic Transportation Fund. (Other swap rates can be negotiated under exceptional circumstances.)

Timeline and Contact



October 2023	TAC/TPC Information
October – November 2023	Comments from TAC
November 2023	TAC/TPC Action

Adam Beckom, AICP
Manager
713.993.4567
Adam.Beckom@h-gac.com



Carry Over Balance Spend Down Projects (0-2 Year)



Transportation Improvement Program (TIP) Subcommittee
November 1, 2023

Regional Collaboration • Transportation Planning • Multimodal Mobility

Carry Over Balance Spend Down Projects

- Previously 91 Projects (26 Sponsors) – 0-2 Year Timeline
- Further Refinement/Assessment
 - Projects Currently Programmed
 - Projects Meet at Least 3 RTP Visions/Goals
- Currently 44 Projects (15 Sponsors) - \$460M
- Target Carryover Balance Spend Down Amounts
 - CMAQ - \$125M
 - Carbon Reduction Program - \$65M
 - STBG Program - \$150M
 - *Total* - \$340M

3 Major Categories of Projects

Likely Federal Transit Authority (FTA) Transfers

- Existing Projects – 13 projects with \$300M
- New Projects Meet At Least 3 RTP Visions/Goals – 6 projects with \$40M
- CMAQ Eligible – 13 projects with \$190M

TxDOT Projects (No Advanced Funding Agreement [AFA] Required)

- Existing Projects – 3 projects with \$64M
- New Projects Meet At Least 3 RTP Visions/Goals – 10 projects with \$33M
- CMAQ Eligible – 9 projects with \$28M

Local Government Sponsored Projects (AFA Required)

- Existing Projects – 2 projects with \$4M
- New Projects Meet At Least 3 RTP Visions/Goals – 10 projects with \$23M
- CMAQ Eligible – 10 projects with \$9M

Next Steps

- H-GAC
 - Assess List Per Funding Category Availability
 - Meet with Local Sponsors to Confirm Project Schedules
- Local Sponsors
 - TxDOT Coordination (as needed) for On-System Projects or Projects Impacting TxDOT facility
- TxDOT
 - FTA Transfer Eligibility Reviews
 - Provide Concurrence on Local Project Sponsor Coordination (as needed)

Prior to Final Selection (November 15th)

Next Major Milestones

- Nov 2023 Preview – Draft Recommendation List
- Dec 2023 *Action* – Final Recommendation List
- Jan 2024 – Anticipated STIP Submittal
- April 2024 – Anticipated STIP Approval
- May 2024 – Earliest AFA Execution

Contacts



Callie Barnes
Principal Transportation Planner
Callie.Barnes@H-GAC.com
832-681-2615

Draft Recommendation List - Carry Over Spend Down Projects

Project ID	Sponsor Name	Project Name	Consist. with RTP	CMAQ Eligible (Y/N)	RTP Goals (1-5)	RTP Screening Notes	Requested Federal Amount	Local/State Match	Request TDCs for Match	Total Project Funding
Likely FTA Transfer										
766	City of Sugar Land	John Sharp (Owens Rd) Trail	Yes	Yes	2	Improve safety, conserve and protect natural and cultural resources	\$4,160,000	\$1,040,000		\$5,200,000
1270	City of Sugar Land	Ditch H Trail - Sugar Land Trail Phase 1 and 2	Yes	Yes	2	Improve safety, conserve and protect natural and cultural resources	\$12,432,192	\$3,108,048		\$15,540,240
754	City of Sugar Land	New Territory Trail	Yes	Yes	2	Improve safety, conserve and protect natural and cultural resources	\$8,320,000	\$2,080,000		\$10,400,000
1211	East End Distr in Coord with Buffalo Bayou Partn & Harris County Precinct 2	Navigation Boulevard Reconfiguration		N/A						
798	Fort Bend County Public Transportation	Bus Support Equipment	Yes	No		Existing project	\$2,482,744	\$0	Yes	\$2,482,744
802	Fort Bend County Public Transportation	Bus Support Equipment	Yes	No		Existing project	\$650,000	\$0	Yes	\$650,000
807	Fort Bend County Public Transportation	ITS - Scheduling & Dispatch System	Yes	No	3	Improve safety, move people and goods effectively, conserve and protect natural and cultural resources	\$1,750,000	\$0	Yes	\$1,750,000
806	Fort Bend County Public Transportation	Rolling Stock - Expansion	Yes	Yes		Existing project	\$2,059,316	\$0	Yes	\$2,059,316
808	Fort Bend County Public Transportation	Rolling Stock - Low Emission Pilot Program	Yes	Yes	1	Achieve and maintain a state of good repair	\$3,423,388	\$0	Yes	\$3,423,388
801	Fort Bend County Public Transportation	Rolling Stock - Replacement	Yes	Yes		Existing project	\$2,261,195	\$0	Yes	\$2,261,195
799	Fort Bend County Public Transportation	Rolling Stock - Replacement	Yes	Yes		Existing project	\$2,401,577	\$0	Yes	\$2,401,577
805	Fort Bend County Public Transportation	Signage and Wayfinding	Possibly	No	1		\$300,000	\$0	Yes	\$300,000
827	Gulf Coast Transit District	Demand Response Coverage Area Increase	Yes	Depends on Fuel	1	Achieve and maintain a state of good repair				
825	Gulf Coast Transit District	Fleet Replacement	Yes	Yes	2	Improve safety, conserve and protect natural and cultural resources				
822	Gulf Coast Transit District	GCTD Universal Accessibility Program	Yes	No	2	Safety (Public transportation safety), move people and goods efficiently				
823	Gulf Coast Transit District	Texas City Maintenance Facility	Yes	No		Existing project	\$6,045,312	\$1,511,328		\$7,556,640
1227	Memorial Heights Redevelopment Authority	11th Street Shared Use Path	Yes	Yes	3	Improve safety, achieve and maintain a state of good repair, protect natural and cultural resources	\$1,713,030	\$428,257		\$2,141,287
877	METRO	Sunnyside curb2curb service	Yes	Depends on Fuel	1	Move people and goods efficiently	\$12,000,000	\$3,000,000	Yes	\$15,000,000
864	METRO	Bus Shelter Program	Yes	No	1	Achieve and maintain a state of good repair	\$25,000,000		Yes	\$25,000,000
868	METRO	Hiram Clarke curb2curb service	Yes	Depends on Fuel	1	Move people and goods efficiently	\$4,000,000	\$1,000,000	Yes	\$13,000,000
881	METRO	Zero Emissions Infrastructure & Readiness	Yes	N/A	1	Conserve and protect natural and cultural resources				
860	METRO	54 Scott BOOST Corridor	Yes	Yes		Existing project	\$18,293,670		Yes	\$26,961,378
861	METRO	56 Airline/Montrose BOOST	Yes	Yes		Existing project	\$22,092,568		Yes	\$22,092,568
862	METRO	82 Westheimer BOOST	Yes	Yes		Existing project	\$32,959,660		Yes	\$38,959,660
866	METRO	Emergency & Community Services Bldg.	Yes	No		Existing project	\$64,135,400		Yes	\$82,005,510

H-GAC Draft Date: 11-01-2023

Note: It is the local sponsor's responsibility to coordinate with TxDOT if the project impacts a TxDOT facility.

Note: Projects with strikethroughs were eliminated from consideration.

Draft Recommendation List - Carry Over Spend Down Projects

871	METRO	Missouri City Park & Ride Capitalized Lease	Yes	No		Existing project	\$59,800,000		Yes	\$59,800,000
873	METRO	Northline TC	Yes	Yes		Existing project	\$40,373,428		Yes	\$40,373,428
879	METRO	West Bellfort Park and Ride	Yes	N/A		Existing project				
878	METRO	Universal Accessibility (UA) - Phase 2	Yes	Maybe	2	Safety (Public transportation safety), move people and goods efficiently	\$30,000,000		Yes	\$30,000,000
1268	METRO	Replacement Buses FY '23	Yes	Yes	1	Achieve and maintain a state of good repair	\$150,800,000		Yes	\$150,800,000
1237	Montrose TIRZ 27 Redevelopment Authority	Montrose Safe Routes to School Connections	Yes	N/A	3	Improve safety, achieve and maintain a state of good repair, protect natural and cultural resources				
1236	Montrose TIRZ 27 Redevelopment Authority	Waugh Drive Bike Lane	Yes	Yes	3	Improve safety, achieve and maintain a state of good repair, protect natural and cultural resources	\$1,091,686	\$272,921		\$1,364,607
1238	Near Northwest Management District	West Little York Phase 2 Project	Yes	Yes	3	Improve safety, achieve and maintain a state of good repair, protect natural and cultural resources	\$5,978,886	\$1,494,721		\$7,473,607
930	North Houston District	Imperial Valley Walking & Biking Connections (Revised)	Yes	Yes	2	Improve safety, conserve and protect natural and cultural resources	\$1,976,000	\$494,000		\$2,470,000
958	The Woodlands Township	Commuter Bus Purchase	Yes	Maybe (Replacement?)	1	Move people and goods efficiently	\$25,000,000	\$0		\$25,000,000
1244	Upper Kirby Management District (Harris County Improvement District #1)	West Alabama Complete Street	Yes	Yes	3	Improve safety, achieve and maintain a state of good repair, protect natural and cultural resources	\$18,141,144	\$4,535,286		\$22,676,430
1245	Uptown Houston District	West Loop Shared Use Path and Bayou Bridge	Yes	Yes	3	Improve safety, achieve and maintain a state of good repair, protect natural and cultural resources	\$4,614,015			\$4,614,015
1246	Westchase Management District	Meadowglen West Complete Streets	Yes	Yes		Existing project	\$11,728,179	\$2,932,045		\$14,660,224
Total Likely FTA Transfer (0-2 Year Timeframe)							\$575,983,389	\$21,896,607		\$638,417,813
CMAQ Eligible AND Existing Project (8 Projects)							\$132,169,592	\$2,932,045		\$149,769,345
CMAQ Eligible AND RTP Goals = 3 (5 Projects)							\$31,538,760	\$6,731,186		\$38,269,946
Not CMAQ Eligible AND Either Existing Project or RTP Goals = 3 (OTHER FUNDING SOURCE) (6 Projects)							\$134,863,456	\$1,511,328		\$154,244,894
TxDOT Sponsored Projects (No AFA Needed)										
969	TxDOT Beaumont District	SH 146 TURN LANES	Yes	N/A	3	Improve safety, move people and goods effectively, conserve and protect natural and cultural resources				
966	TxDOT Beaumont District	SH 105 Widening	Yes	Yes	1	Move people and goods efficiently	\$19,880,395	\$4,970,099		\$24,850,494
1190	TxDOT Houston District	CCTV Replacement	Yes	No	3	Improve safety, move people and goods effectively, conserve and protect natural and cultural resources	\$1,600,000	400000		\$2,000,000

H-GAC Draft Date: 11-01-2023

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Draft Recommendation List - Carry Over Spend Down Projects

1186	TxDOT Houston District	CCTV Replacement	Yes	No	3	Improve safety, move people and goods effectively, conserve and protect natural and cultural resources	\$800,000	200000		\$1,000,000
1193	TxDOT Houston District	Communication Upgrades	Yes	Yes	3	Improve safety, move people and goods effectively, conserve and protect natural and cultural resources	\$1,600,000	\$400,000		\$2,000,000
1195	TxDOT Houston District	Connect Smart Phase 2 (FY 23, 24, 25) - Features Expansion	Yes	Yes	3	Improve safety, move people and goods effectively, conserve and protect natural and cultural resources	\$9,600,000	\$2,400,000		\$12,000,000
1194	TxDOT Houston District	Connect Smart Phase 2 (FY 23, 24, 25) - Marketing and Outreach	Yes	Yes	3	Improve safety, move people and goods effectively, conserve and protect natural and cultural resources	\$2,400,000	\$600,000		\$3,000,000
1196	TxDOT Houston District	Connect Smart Phase 2 (FY 23, 24, 25) - Operations and Maintenance	Yes	Yes	3	Improve safety, move people and goods effectively, conserve and protect natural and cultural resources	\$720,000	\$180,000		\$900,000
1188	TxDOT Houston District	DMS Upgrades	Yes	No	3	Improve safety, move people and goods effectively, conserve and protect natural and cultural resources	\$800,000	200000		\$1,000,000
1192	TxDOT Houston District	DMS Upgrades	Yes	No	3	Improve safety, move people and goods effectively, conserve and protect natural and cultural resources	\$800,000	200000		\$1,000,000
978	TxDOT Houston District	FM 1097 Drainage Improvements	Maybe	No	1	Achieve and maintain a state of good repair	\$2,240,000	\$560,000		\$2,800,000
1060	TxDOT Houston District	IH 10 W Frontage Road Pedestrian Improvements	Yes	Yes	2	Safety (Public transportation safety), move people and goods efficiently	\$800,000	\$200,000		\$1,000,000
1061	TxDOT Houston District	IH 10 W Frontage Road Pedestrian Improvements	Yes	Yes	2	Safety (Public transportation safety), move people and goods efficiently	\$800,000	\$200,000		\$1,000,000
1062	TxDOT Houston District	IH 10 W Frontage Road Pedestrian Improvements	Yes	Yes	2	Safety (Public transportation safety), move people and goods efficiently	\$1,600,000	\$400,000		\$2,000,000
1063	TxDOT Houston District	IH 10 W Frontage Road Pedestrian Improvements	Yes	Yes	2	Safety (Public transportation safety), move people and goods efficiently	\$2,000,000	\$500,000		\$2,500,000
1067	TxDOT Houston District	IH 45 N HOV Extension	Yes	Yes		Existing project	\$201,578	\$50,395		\$251,973
1071	TxDOT Houston District	IH 45 Resiliency	Maybe (not sure if fed funds can be used)				\$1,512,988	\$378,247		\$1,891,235
1095	TxDOT Houston District	IH 69 Rehab Pump Station at Mandell Street	Maybe (not sure if fed funds can be used)	No			\$120,000	\$30,000		\$150,000
1189	TxDOT Houston District	ITS Equipment Support	Yes	Yes	2	Improve safety, move people and goods effectively	\$4,000,000	\$1,000,000		\$5,000,000

H-GAC Draft Date: 11-01-2023

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Note: Projects with strikethroughs were eliminated from consideration.

Draft Recommendation List - Carry Over Spend Down Projects

1191	TxDOT Houston District	ITS Equipment Support	Yes	Yes	2	Improve safety, move people and goods effectively	\$2,800,000	\$700,000		\$3,500,000
1185	TxDOT Houston District	ITS Equipment Support	Yes	Yes	3	Improve safety, move people and goods effectively, conserve and protect natural and cultural resources	\$4,000,000	\$1,000,000		\$5,000,000
1187	TxDOT Houston District	ITS Equipment Support	Yes	Yes	3	Improve safety, move people and goods effectively, conserve and protect natural and cultural resources	\$4,000,000	\$1,000,000		\$5,000,000
1171	TxDOT Houston District	ITS Support for Transtar	Yes	Yes	2	Improve safety, move people and goods effectively	\$2,400,000	\$600,000		\$3,000,000
1172	TxDOT Houston District	ITS Support for Transtar	Yes	Yes	2	Improve safety, move people and goods effectively	\$1,200,000	\$300,000		\$1,500,000
1169	TxDOT Houston District	ITS Support for Transtar	Yes	Yes	2	Improve safety, move people and goods effectively	\$3,200,000	\$800,000		\$4,000,000
1170	TxDOT Houston District	ITS Support for Transtar	Yes	Yes	2	Improve safety, move people and goods effectively	\$800,000	\$200,000		\$1,000,000
1165	TxDOT Houston District	SL 8 Pump Station	Maybe (not sure if fed funds can be used)	No			\$2,602,216	\$650,554		\$3,252,770
1164	TxDOT Houston District	SL 8 Pump Station	Maybe (not sure if fed funds can be used)	No			\$2,814,415	\$703,604		\$3,518,019
1180	TxDOT Houston District	US 90 Grade Separation at Purple Sage	Yes	Yes		Existing project	\$27,440,000	\$6,860,000		\$34,300,000
1176	TxDOT Houston District	US 90 Greens Bayou Bridge	Yes	Yes		Existing project	\$23,280,000	\$5,820,000		\$29,100,000
Total TxDOT Sponsored Projects (0-2 Year Timeframe)							\$126,011,593	\$31,502,898		\$157,514,491
CMAQ Eligible AND Existing Projects (3 Projects)							\$50,921,578	\$12,730,395		\$63,651,973
CMAQ Eligible AND RTP Goals = 3 (6 Projects)							\$22,320,000	\$5,580,000		\$27,900,000
Not CMAQ Eligible AND Either Existing Project or RTP Goals = 3 (OTHER FUNDING SOURCE) (4 Projects)							\$4,000,000	\$1,000,000		\$5,000,000
Local Government Sponsored Projects (AFA Needed With TxDOT)										
641	Chambers County	Belton Lane Extension Widen	Yes (not on FC system)	Yes	1	Move people and goods efficiently	\$160,000	\$40,000		\$200,000
639	Chambers County	NEEDLEPOINT RD	Yes (not on FC system)	Yes	1	Move people and goods efficiently	\$80,000	\$20,000		\$100,000
642	Chambers County	Hatcherville RD	Yes (not on FC system)	No	1	Achieve and maintain a state of good repair	\$80,000	\$20,000		\$100,000
645	Chambers County	Rhonda Rosa	Yes (not on FC system)	No	1	Achieve and maintain a state of good repair	\$160,000	\$40,000		\$200,000
656	City of Bellaire	Pavement Conditions Analysis	Yes	No	1		\$200,000	\$50,000		\$250,000
657	City of Bellaire	Speed Study	Yes	No	1		\$200,000	\$50,000		\$250,000
655	City of Bellaire	Traffic Signal Timing Optimization Program	Yes	Yes		Existing project	\$633,266	\$465,575		\$1,098,841

H-GAC Draft Date: 11-01-2023

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Note: Projects with strikethroughs were eliminated from consideration.

Draft Recommendation List - Carry Over Spend Down Projects

663	City of Dickinson	Dickinson High School Pedestrian Enhancements	Yes	N/A	2	Improve safety, conserve and protect natural and cultural resources				
691	City of Galveston	Bicycle Infrastructure Improvements	Yes	Yes	2	Improve safety, conserve and protect natural and cultural resources	\$7,857,744	\$1,964,436		\$9,822,180
692	City of Galveston	Seawall Blvd Traffic: Signal Installation	Yes	Yes	3	Improve safety, move people and goods effectively, conserve and protect natural and cultural resources	\$360,000	\$90,000		\$450,000
694	City of Galveston	Seawall Blvd: Ped Safety & Traffic Calming (12th to 61st St)	Yes	N/A	2	Improve safety, conserve and protect natural and cultural resources				
695	City of Galveston	Seawall Blvd: Ped Safety & Traffic Calming (61st to 103rd St)	Yes	N/A	2	Improve safety, conserve and protect natural and cultural resources				
693	City of Galveston	Traffic Signal / Safety Improvements	Yes	Yes	3	Improve safety, move people and goods effectively, conserve and protect natural and cultural resources	\$320,000	\$80,000		\$400,000
698	City of Galveston (Also Submitted by Galveston Wharves)	Traffic Signal at 33rd St/SH-275	Yes	Yes	3	Improve safety, move people and goods effectively, conserve and protect natural and cultural resources	\$450,000	\$90,000		\$540,000
699	City of Galveston	Traffic Signal at 16th St/SH-275	Yes	Yes	3	Improve safety, move people and goods effectively, conserve and protect natural and cultural resources	\$420,000	\$105,000		\$525,000
1202	City of Houston	Parker Road	Yes			Improve safety, achieve and maintain a state of good repair, protect natural and cultural resources				
1207	City of Houston	Waugh Dr. - Package 1	Yes	No		Existing project	\$2,000,000	\$500,000		\$2,500,000
724	City of Missouri City	ITS Communications Upgrade Network	Yes	Yes	3	Improve safety, move people and goods effectively, conserve and protect natural and cultural resources	\$1,080,000	\$120,000		\$1,200,000
725	City of Missouri City	Traffic Management Center Upgrade	Yes	N/A	3	Improve safety, move people and goods effectively, conserve and protect natural and cultural resources				
1272	City of Missouri City	Installation of new Mast Arm Traffic Signal	Yes		2	Improve safety, conserve and protect natural and cultural resources	\$612,000	\$68,000		\$680,000
728	City of Missouri City Parks and Recreation	Hunters Glen Trail	Yes	Yes	2	Improve safety, conserve and protect natural and cultural resources	\$1,100,000	\$0		\$1,100,000
735	City of Mont Belvieu	Traffic Management Center.	Yes	Yes	2	Move people and goods effectively, conserve and protect natural and cultural resources	\$800,000			\$800,000
753	City of Sugar Land	Gannoway Lake Trail	Yes	Yes	2	Improve safety, conserve and protect natural and cultural resources	\$3,061,763	\$765,441		\$3,827,204
751	City of Sugar Land	ITS RR Monitoring, Notification, & Comm (CTR2203)	Yes	N/A	2	Improve safety, move people and goods effectively, conserve and protect natural and cultural resources				
768	City of Tomball	Alley Improvement Project	Maybe????	N/A	1					
820	Galveston Wharves	IH-45 Direct Connect	Yes	Yes	3	Improve safety, move people and goods effectively, conserve and protect natural and cultural resources	\$2,500,000	\$500,000		\$3,000,000
821	Galveston Wharves	Old Port Industrial Improvements	Maybe????	No	1		\$750,000	\$150,000		\$900,000

H-GAC Draft Date: 11-01-2023

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Note: Projects with strikethroughs were eliminated from consideration.

Draft Recommendation List - Carry Over Spend Down Projects

831	Harris County Engineering	Mason Creek Trail Extension	Yes	Yes	2	Improve safety, conserve and protect natural and cultural resources				
1234	Midtown Management District	Caroline and Wheeler NHHIP Impact Mitigation	Yes	No	3	Improve safety, achieve and maintain a state of good repair, protect natural and cultural resources	\$12,237,603	\$3,059,401		\$15,297,004
1235	Montrose TIRZ 27 Redevelopment Authority	Montrose Boulevard Reconstruction	Yes	N/A	3	Improve safety, achieve and maintain a state of good repair, protect natural and cultural resources				
941	Port of Houston Authority	Grade Separation Expansion over Rail	Yes	N/A	4	Improve safety, move people and goods efficiently, strengthen regional economic competitiveness, protect natural and cultural resources				
1273	The Woodlands Township	SH 242 Pathway	-	N/A	-	-				
	Port of Houston	Grade Separation Expansion Over Rail		Yes						
670	Friendswood	FM518 at FM 528 Intersection (Phase I)		Yes	3	Phase 1 includes dual left-turn lanes along FM 518 and optimization of traffic signal timing.	\$387,694	\$96,923		\$484,617
	Friendswood	Friendswood Parkway / Pearland Parkway		Yes	2		\$2,900,000	\$725,000		\$3,625,000
674	Friendswood	E. Parkwood Drive/FM 528 at Winding Way Intersection (Phase 1)		Yes	3	Optimize traffic signal timings	\$542,434	\$135,608		\$678,042
673	Friendswood	FM 528 at Bay Area Blvd Intersection (Phase 1)		Yes	3	Add a through that extends 500 feet north and south of the intersection. Dual eastbound and westbound left-turn lanes.	\$988,560	\$247,140		\$1,235,700
671	Friendswood	FM 528 at Sunset Intersection (Phase 1)		Yes	3	Restripe southbound Sunset Drive approach to have a dedicated left-turn lane and a shared left/through lane. Optimize traffic signal timings.	\$49,194	\$12,298		\$61,492
Total Local Government Sponsored Projects (0-2 Year Timeframe)							\$39,930,258	\$9,394,822		\$49,325,080
CMAQ Eligible AND Existing Projects (1 Projects)							\$633,266	\$465,575		\$1,098,841
CMAQ Eligible AND RTP Goals = 3 (9 Projects)							\$6,737,882	\$1,386,969		\$8,124,851
Not CMAQ Eligible AND Either Existing Project or RTP Goals = 3 (OTHER FUNDING SOURCE) (2 Projects)							\$14,237,603	\$3,559,401		\$17,797,004

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Note: Projects with strikethroughs were eliminated from consideration.



Project Selection Process Update Regional Goods Movement



TIP Subcommittee
November 1, 2023

Benefit Cost Analysis for RGM

- Regional Goods Movement Investment Category
 - Benefit Cost Analysis

	# of Projects
Projects scoring ≥ 50	40
BCA Responses Received	38
Projects withdrawing from consideration	2

Benefit Cost Analysis

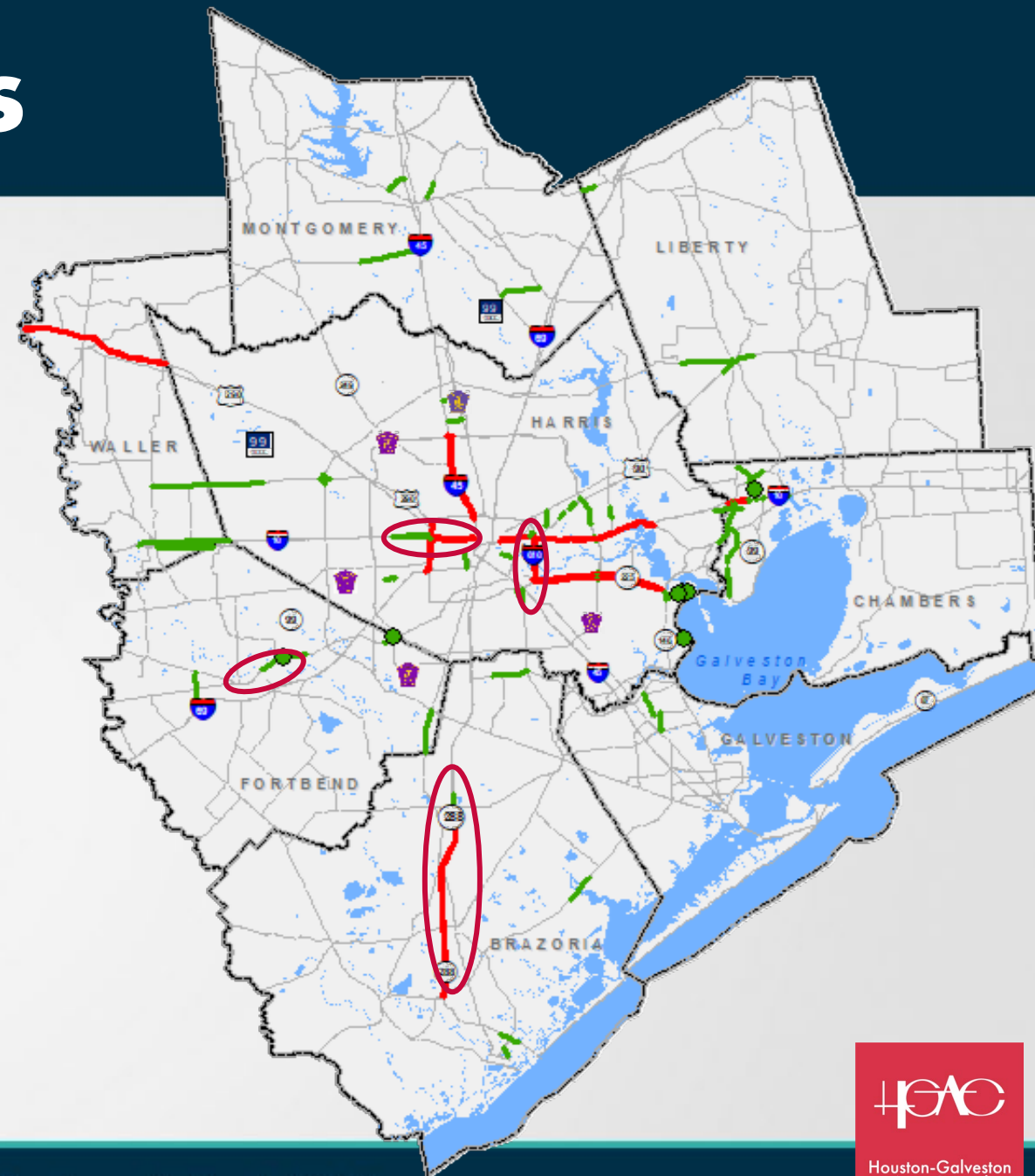
BCA Not Scored

IH 10W

IH 610 E

SH 288

US 90A



Benefit-Cost Scoring

- 34 of 40 Projects were scored for BCA
- Total Benefits/ Total Cost
- B/C ratios range from 0.0 to 101.9
- Covert benefit/cost ratios > 1.0 to points (0 -100)
 - 24 projects
 - 4 approaches considered
- Ranking list presented is based on approach 4
 - B/C ratios: $> 5.0 = 100$, $4.0-3.0 = 75$, $2.0-3.0 = 50$, $1.0-2.0 = 25$
 - Sorted high-low total score (including Evaluation score + BCA score)

RGM Projects Draft Ranking

- Programming years based on readiness information
 - Engineering and construction phases
- Calculates total cost based on budgets provided and programming years
 - Engineering and construction phases
- Cumulative total for total project cost

RGM Scoring

- <https://www.h-gac.com/transportation-project-selection-process>
- Completed sponsors meetings
- Sponsors had an opportunity to request review of BCA scores
- Final scores and ranking presented including BCA scores Readiness reviewed for top 20 projects
 - Determined programming years for project if selected for funding
 - Meet with sponsors (discuss inflation calculation)
- TAC&TPC Preview draft scores and ranking – October
- RGM Funding cut-off calculation
- Anticipated recommendation to TAC&TPC – November
- Projects not recommended are evaluated for other Investment categories



Project Selection Process Update Next 5 Investment Categories



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Next Five Investment Categories

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

Example Comments Received

- Clarification questions
 - On detailed points tables
- Timeline for Active Transportation and Safety investment categories
- ITS projects eligibility in Resiliency and State of Good Repair (RSOGR)
- Multimodal be removed from investment category focused criteria for High Growth Area Needs (HGAN)
- HGAN add: connects discontinuous existing networks, along with provide access to new developments, and expand existing networks

Example Comments Received

- Operational Improvements & Congestion Management (OICM): add of SPUI and roundabouts to detail points allocation table.
- RSO GR: consider all users
 - Example: AADT*vehicle occupancy for passenger vehicles

Next Steps

- Reviewing the comments on evaluation criteria
- Meet with sponsors discuss comments
- Make necessary modifications to criteria and publish criteria
- Online questionnaires will be available in November

Contacts



Project Scoring/ Benefit Cost Analysis

Vishu Lingala

Principal Transportation Planner

Vishu.Lingala@H-GAC.com

713-993-4561

Project Readiness

Callie Barnes

Principal Transportation Planner

Callie.Barnes@H-GAC.com

832-681-2615

Adam Beckom, AICP

Manager

Adam.Beckom@H-GAC.com

713-993-4567

Project ID	County	Agency Name/Sponsor	Project Title	Facility/Street/ Highway	Limits	Description	Corrected Criteria Total	B/C Ratio	B/C Score 4	Total Score 4	Total Score Rank 4	Requested for	Total Cost in Budget (2021 \$)	Proposed FY based on Readiness Review	YOE Based on Readiness review	Cumulative Total
941	Harris	Port of Houston Authority	Bayport Container Terminal Overpass.	PORT RD	FM 146 TO CRUISE ST	CONSTRUCTION OF RAILROAD OVERPASS ON PORT ROAD LEADING TO THE BAYPORT CONTAINER TERMINAL.	61	5.3	100	161	1	Development and construction	\$23,300,000	2025, 2027	\$30,937,673	\$30,937,673
751*	Fort Bend	City of Sugar Land	ITS Railroad Monitoring, Notification, & Communication (CTR2203)	Cravens Road	Pitts Road	Install railroad notification DMS prior to RR crossings to reroute traffic; Add Lidar or other technology to the Rail Monitor System to detect trains on dual tracks.	60	101.9	100	160	2	Development and construction	\$1,250,000	2025, 2027	\$1,710,977	\$32,648,650
1115*	Harris	TxDOT Houston District	SH 3 Intersection Improvements - SH 3 at South Richey St, Edgebrook Dr, El Dorado Blvd, and Bay Area Blvd	SH 3	At South Richey, Edgebrook Dr, El Dorado Blvd, and Bay Area Blvd	Change signals to mast arms, replace RR arms, and gates, and lengthen railroad planking. The purpose of the project is to extend sidewalks across the RR tracks parallel to SH 3.	59	8.5	100	159	3	Construction	\$4,780,434	2027	\$6,372,526	\$39,021,176
962*	Chambers	TxDOT Beaumont District	IH-10 Ramp Relocations	IH-10	From SH 146 to FM 565	Relocate entrance / exit ramps	52	14.2	100	152	4	Development and construction	\$7,010,000	2024, 2028	\$9,773,963	\$48,795,139
833	Harris	Harris County Engineering	Rankin Road Access Management Project	Rankin Road	IH 45 NBFR to Ranch View Trail	Add center two-way left turn lane, signal modifications (leading pedestrian intervals, crosswalks, ADA ramps), and sidewalk improvements to mitigate serious injuries and fatalities on 1.5 mile Vision Zero High Injury Network corridor.	72	4.1	75	147	5	Development and construction	\$12,028,601	2025, 2028	\$16,613,200	\$65,408,339
969	Chambers	TxDOT Beaumont District	SH 146 TURN LANES	SH 146	AT IH10	DUAL TURN LANES FOR NB	55	4.8	75	130	6	Development and construction	\$3,755,000	2026	\$4,762,180	\$70,170,518
1252	Harris	Harris County Engineering	East Richey Rd Improvement Project	E Richey Road	I45 NBFR to Grovedale Rd	Safety improvements, access management, driveways, sidewalks and improved street geometry.	75	3.0	50	125	7	Development and construction	\$6,100,000	2027	\$7,946,585	\$78,117,103
1058 & 1059	Fort Bend	TxDOT Houston District	IH 10 W Frontage Roads	IH 10 W	From FM 359 to Fort Bend County Line	Construct 2 TWO lane frontage roads on new location (East and Westbound). This project fills in the gap of the frontage road system in Fort Bend County on IH 10.	68	3.2	50	118	8	Construction	\$44,342,335	2027	\$59,188,540	\$137,305,643
1103	Harris	TxDOT Houston District	SH 225 at SL 8 Three Remaining DC ramps	SH 225	AT SL 8	Construct 3 direct connector ramps (DCs) (EB-NB, EB-SB, WB-SB)	78	1.0	25	103	9	Construction	\$55,385,000	2028	\$77,620,254	\$214,925,897
1128	Harris	TxDOT Houston District	SH 6 Intersection Improvements at FM 529	SH 6	At FM 529	Intersection improvements	50	3.1	50	100	10	Construction	\$9,598,971	2027	\$13,226,151	\$150,531,795
1102	Harris	TxDOT Houston District	SH 146 Widening and other improvements	SH 146	From Ferry Road to Chambers C/L (Cedar Bayou)	Reconstruct and widen from 4 to 6 lanes, median, bicycle/pedestrian facilities and intersection improvements.	70	1.3	25	95	11	Construction	\$14,160,900	2029	\$20,702,933	\$171,234,728
1211	Harris	East End District	Navigation Boulevard Reconfiguration	Navigation Boulevard	Lockwood Drive to Mack Street	Reconfigure multimodal mobility corridor by converting unused lane capacity into a new dedicated commuter bike route, pedestrian amenities and additional greenspace. Project scope includes necessary work on public utilities. Project is a major component of the Buffalo Bayou East Master Plan.	70	1.2	25	95	12	Construction	\$7,460,000	2026	\$9,521,060	\$180,755,788

Projects highlighted in blue are also reviewed for "0-2" year project selection.

Project ID	County	Agency Name/Sponsor	Project Title	Facility/Street/Highway	Limits	Description	Corrected Criteria Total	B/C Ratio	B/C Score 4	Total Score 4	Total Score Rank 4	Requested for	Total Cost in Budget (2021 \$)	Proposed FY based on Readiness Review	YOE Based on Readiness review	Cumulative Total
851	Harris	Harris County Engineering	Sheldon Road (North) Improvement Project	Sheldon Road	US90 to Sheldon Ridge	Reconstruct and widen, existing 2 lane concrete overlaid with asphalt to 4 lanes of reinforced 12" concrete roadway. Includes bridge section, 2 major throughfare intersections and multiple industrial/commercial business entrances. drainage, sidewalks and landscaping and safety. Considering existing railroad at-grade crossing to be a separate line item.	66	1.0	25	91	13	Construction	\$22,800,000	2025, 2028	\$31,894,252	\$212,650,040
1222	Harris	Gilfgate Redevelopment Authority	Telephone Rd Reconstruction	Telephone Rd	IH 610 Frontage - Reveille St	Replace all public infrastructure and reconfigure roadway to enhance multimodal access and safety (roadway, utilities, access management, pedestrian realm, bike lane)	62	1.0	25	87	14	Construction	\$36,699,000	2027	\$49,180,170	\$261,830,210
662	Galveston	City of Dickinson	Dickinson Ave./FM 1266 Safety Improvements	Dickinson Avenue / FM 1266	FM 646 to FM 517	The improvement will be a full reconstruction of the roadway including the addition of street lighting, sidewalk facilities, and upgrades to signalized intersection at Deats Road. To accommodate the addition of sidewalks, the existing open ditches will be replaced with culverts.	61	1.0	25	86	15	Development and construction	\$36,706,000	2025, 2027	\$49,188,210	\$311,018,420
1168	Fort Bend	TxDOT Houston District	SS 10 Widening	SS 10	From SH 36 West of Rosenberg to IH 69 S	Widen from 2 to 4-lane divided roadway	59	1.6	25	84	16	Construction	\$31,305,750	2029	\$46,018,120	\$357,036,540
1012	Fort Bend	TxDOT Houston District	FM 359 Widening	FM 359	From South IH 10 W to US 90	Widen from 2 lanes to 4 lane urban divided roadway	59	1.1	25	84	17	Construction	\$4,808,616	2029	\$7,081,748	\$364,118,288
1010	Montgomery	TxDOT Houston District	FM 3083 Widening	FM 3083	From SH 105 W to IH 45	Widen from 2-lane to a 4-lane divided roadway.	56	1.2	25	81	18	Construction	\$24,135,801	2029	\$35,513,062	\$399,631,350
1235	Harris	Montrose TIRZ 27 Redevelopment Authority	Montrose Boulevard Reconstruction	Montrose Boulevard	West Clay to US-59/IH-69	Replace all public infrastructure (roadway, utilities, access management, pedestrian realm, transit, bike lane)	54	1.1	25	79	19	Construction	\$37,424,000	2027	\$45,863,345	\$445,494,695
1020	Brazoria	TxDOT Houston District	FM 518 Widening	FM 518	From FM 865 to SH 35	Widen from 4-lanes to 6-lanes. A raised median will be included and may vary between 14 and 18 feet. Convert the existing open ditch drainage system to a curb and gutter drainage system. In addition, outside pedestrian sidewalks and bikeways are proposed.	54	1.1	25	79	20	Construction	\$49,919,500	2027	\$65,877,514	\$511,372,209

Projects highlighted in blue are also reviewed for "0-2" year project selection.