

## 14. PROJECT SELECTION PROCESS UPDATE

### **BACKGROUND**

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At the March 2020 Transportation Policy Council (TPC) meeting, the Council approved goals, priorities, and policies for selection and prioritization of projects to be programmed in Transportation Improvement Program (TIP), 10-Year Plan, and the Regional Transportation Plan (RTP). These goals, priorities and policies guide the H-GAC staff, Transportation Advisory Committee (TAC), and the TIP Subcommittee in development of project selection criteria and evaluation methodologies for project planning and programming. At the January 2023 meeting, TPC authorized the MPO staff to initiate the Project Selection Process.

### **CURRENT SITUATION**

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#### Regional Goods Movement projects (RGM) draft ranking

At the October TAC and TPC meetings, staff presented a draft total score (evaluation criteria score + BCA score) and ranking list of projects considered for selection under RGM investment category. Since, October TAC meeting staff met with the sponsors to explain the methodology used to convert B/C ratios into BCA scores, and to request a review of the BCA scores. Draft ranking of the RGM projects can be found [here](#).

Sponsor provided project readiness information was also reviewed for the Top 20 high scoring RGM projects to assess their programming years for engineering and construction phases. These programming years were used to inflate budget to the year of expenditure (YOE) project costs (programming years) at 5% inflation rate. Top 20 RGM projects list with the proposed fiscal years for engineering and construction phases and total YOE are provided in the attached Table.

Over the next week, staff will meet with the sponsors to review the proposed YOE costs to determine up to what rank projects can be recommended for section.

#### Draft evaluation criteria (5 – Investment Categories)

At the September 2023, staff previewed draft evaluation criteria for 5 investment categories (High Growth Area Needs, Resiliency and State of Good Repair, Operational Improvements and Congestion Management, Transit, Major Projects) to the members of TAC and TIP Subcommittee for review and comment. At the TAC meeting staff will discuss the comments received and modifications made to the draft evaluation criteria.

### **ACTION REQUESTED**

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For discussion and possible action.

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	\$228,152,049
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	\$248,854,982
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	\$258,376,042

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.