

## Capital Components of HCT Task Force 2045 Priority Network

Project Name	Project Type	Project Description/Limits	Length (miles)	Cost (2018 \$)	Proposed By	Remarks
Inner Katy HCT All Day	HCT All Day	Dedicated busway for BRT and Express Bus along IH-10 west between Northwest Transit Center/Loop 610 and downtown connector ramp. Includes two on-line stations at Studemont and Shepherd/Durham; includes rolling stock	5.3	\$ 281,000,000	2030	Included in METRONext; Recommended for funding in 2018 Call for Projects (description, length and cost from 2018 Call for Projects application)
Uptown to Gulfton Extension	HCT All Day	Extension of Uptown BRT from Bellaire/Uptown Transit Center to Gulfton Transit Center; includes 3 stations and rolling stock	2.3	\$ 112,920,000	2030	Included in METRONext (description, length and cost from METRONext draft Moving Forward Plan A Plus)
Uptown to TCHSR Extension	HCT All Day	Extension of Uptown BRT from Northwest Transit Center to Northwest Mall/proposed Texas Central HSR Terminal; includes two stations and rolling stock	1.3	\$ 66,300,000	2030	Included in METRONext; construction contingent upon completion of TCHSR (cost to be verified with METRO)
Courthouse Extension	HCT All Day	Extension of Green and Purple LRT lines from Theater District to Municipal Courthouse	0.1	\$ 19,500,000	2030	Included in METRONext (description, length and cost from METRONext draft Moving Forward Plan A Plus)
Westheimer Corridor	Signature Bus	Signature Bus service (priority treatment, enhanced bus stops, etc.) along Westheimer from West Oaks Mall to downtown, uses Eldoe to access IH-69 HOV lanes; assumes conversion of IH-69 HOV facility from Spur 527 to Edloe to two-way, all-day configuration	19.5	\$ 78,020,000	2030	Included in METRONext (description, length and cost from METRONext draft Moving Forward Plan A Plus)
Gulfton Transit Center	Transit Center	New transit center at Bellaire and Chimney Rock; replaces existing Bellaire Transit Center	-	\$ 15,000,000	2030	Included in METRONext; cost from METRO GPC
Shepherd/Durham Transit Center	Transit Center	New transit center at Shepherd/Durham and IH-10; would serve Inner Katy busway	-	\$ 15,000,000	2030	Included in METRONext; cost from METRO GPC (verify with METRO that this is not already included in cost of Busway)
Texas Central HSR Transit Center	Transit Center	New transit center at Hempstead Rd and N Post Oak	-	\$ 15,000,000	2030	Included in METRONext; construction contingent upon completion of TCHSR (cost from METRO GPC, assumes 6 bus bays)
Missouri City/SH 6 Park and Ride	Park and Ride	New park and ride along SH 6 near Fort Bend Parkway in Sienna Plantation; replaces existing leased spaces in Kroger parking lot	-	\$ 22,000,000	2030	Included in METRONext; cost from METRO GPC (assumes 1,000 spaces surface parking)
Fairfield Park and Ride	Park and Ride	New park and ride near intersection of US 290 and SH 99	-	\$ 22,000,000	2030	Included in METRONext; cost from METRO GPC (assumes 1,000 spaces surface parking)
Baytown Park and Ride	Park and Ride	Replacement of existing leased spaces at San Jacinto Mall with permanent facility	-	\$ 22,000,000	2030	Cost from METRO GPC (assumes 1,000 spaces surface parking); Ken Fickes will submit into TIP as part of UZA POP
Crosby Park and Ride	Park and Ride	New park and ride near US 90 and FM 2100 in Crosby	-	\$ 22,000,000	2030	Cost from METRO GPC (assumes 1,000 spaces surface parking)
Dayton Park and Ride	Park and Ride	New park and ride near US 90 and SH 146 in Dayton	-	\$ 22,000,000	2030	Cost from METRO GPC (assumes 1,000 spaces surface parking)
Ten (10) Enhanced Transfer Points	Transfer Point	Enhancements include ADA-compliant sidewalk adjustments, crosswalk treatments, bench, shelter, signage, bike rack, lighting and landscaping. Located where significant amount of transfer activity is likely to occur but where a full-sized transit center is not warranted, e.g. intersections of high-volume bus routes, anchors for flex zones, etc.	-	\$ 2,500,000	2040	Cost estimate by H-GAC
Red Line to N. Shepherd Extension	HCT All Day	Extension of Red/North LRT line from Northline Transit Center to N. Shepherd Park and Ride; includes 5 stations and rolling stock	5.9	\$ 658,840,000	2040	Included in METRONext (description, length and cost from METRONext draft Moving Forward Plan A Plus)
Purple Line to Hobby Extension	HCT All Day	Extension of Purple/Southeast LRT line from MLK/Griggs to Hobby Airport via MLK and East Bellfort; includes 9 stations and rolling stock	7.4	\$ 904,400,000	2040	Included in METRONext (description, length and cost from METRONext draft Moving Forward Plan A Plus)
Green Line to Hobby Extension	HCT All Day	Extension of Green/East LRT line from Magnolia Park Transit Center to Hobby Airport via Harrisburg and Broadway; includes 9 stations and rolling stock	6.4	\$ 923,900,000	2040	Included in METRONext (description, length and cost from METRONext draft Moving Forward Plan A Plus)
Blue/University Line Corridor	HCT All Day	New BRT busway from Westchase Park and Ride to Tidwell Transit Center via Westpark, Richmond, Alabama, Elgin and Lockwood; includes 41 stations and rolling stock	25.3	\$ 1,601,430,000	2040	Included in METRONext (description, length and cost from METRONext draft Moving Forward Plan A Plus)
Gessner Corridor	HCT All Day	New BRT busway from BW 8/US 90A/Missouri City Park and Ride to Willowbrook Mall via Gessner; includes 40 stations and rolling stock	26	\$ 1,217,500,000	2040	METRONext alignment is shorter (northern terminus at West Little York Park and Ride); H-GAC alignment assumes that N Gessner will be completed between West and Fallbrook (cost based on METRONext draft Moving Forward Plan A Plus)
IH-45 North to IAH BRT	HCT All Day	New BRT service from downtown to Bush Intercontinental Airport; includes 4 stations and rolling stock	22	\$ 248,430,000	2040	Included in METRONext (description, length and cost from METRONext draft Moving Forward Plan A Plus); extent of dedicated capital facilities/busway to be confirmed with METRO
US 290 Commuter Line	HCT Peak	Commuter service from Hempstead to Hempstead/N Post Oak paralleling UPRR; includes 8 stations and rolling stock	43.7	\$ 1,748,000,000	2040	Not included in METRONext; was included in previous RTP and is retained pending confirmation that line remains feasible if TCHSR is constructed. Cost assumes commuter rail
Outer Westpark Commuter Line	HCT Peak	Commuter service from Fulshear to Gessner P&R along Westpark; includes 10 stations and rolling stock; interlines with University corridor between Westchase and Westpark	22	\$ 1,122,000,000	2040	Not included in METRONext. Cost assumes at-grade BRT (per recommendations of Westpark study conducted by HNTB for GCRD and HCTRA)
US 90 A Commuter Line	HCT Peak	Commuter service From Rosenberg to Fannin South paralleling UPRR; includes 12 stations and rolling stock	27.4	\$ 3,562,000,000	2040	Alignment generally follows 2004 E&K Study; cost assumes at-grade LRT (METRONext includes \$18 M in development costs and assumes 15.3-mile alignment with southern terminus at UH-Sugar Land Campus)
New SH 249 HOV Facility	Two-Way, All-Day HOV	New two-way, all-day HOV facility along SH 249 from Boudreaux to Hollister	10.2	\$ 117,300,000	2040	Included in METRONext; extent of dedicated capital facilities/busway (esp. between Hollister & N. Shepherd) as well as capital cost of diamond lanes to be confirmed with METRO *
New IH-10 East Facility	Two-Way, All-Day HOV	New two-way, all day HOV facility along IH-10 east from IH-69 to Garth Rd	22.2	\$ 564,700,000	2040	Not included in METRONext. Two-way barrier-separated facility from IH-69 to IH-610; diamond lanes from IH-610 to Garth Rd (cost of barrier-separated facility from METRO GPC; cost of diamond lanes to be confirmed with METRO) *
IH-10 West HOV Extension	Two-Way, All-Day HOV	Extension of two-way diamond lanes on IH-10 West from Westgreen to FM 359 in Brookshire	12.4	\$ 142,600,000	2040	METRONext takes diamond lane extension to Katy Mills Mall; capital cost of diamond lanes to be confirmed with METRO
IH-45 Gulf HOV Extension	Two-Way, All-Day HOV	New two-way diamond lanes on IH-45 Gulf from NASA 1 Bypass to 61st Street in Galveston	24.5	\$ 281,750,000	2040	Not included in METRONext; cost from METRO GPC (NOTE: TxDOT's current reconstruction project DOES NOT include diamond lanes) *
IH-45 Gulf HOV Conversion	Two-Way, All-Day HOV	Conversion of existing one-way reversible HOV lane in IH-45 Gulf from downtown to NASA 1 Bypass to two-way, all-day facility	20.7	\$ 51,675,000	2040	Not included in METRONext; cost from METRO GPC *
IH-69 Eastex HOV Conversion	Two-Way, All-Day HOV	Conversion of existing one-way reversible HOV lane in IH-69 Eastex from downtown to Townsen P&R to two-way, all-day facility	19.6	\$ 49,000,000	2040	Not included in METRONext; cost from METRO GPC *
IH-69 Southwest HOV Conversion	Two-Way, All-Day HOV	Conversion of existing one-way reversible HOV lane on IH-69 Southwest from Spur 527 to BW 8 to two-way, all-day facility	14	\$ 35,000,000	2040	Not included in METRONext; cost from METRO GPC *
IH-45 North HOV Conversion	Two-Way, All-Day HOV	Conversion of existing one-way reversible HOV lane on IH-45 North from downtown to BW 8 to two-way managed lane facility	19.7	\$ -	2040	Assumed to be included in cost of TxDOT North Houston Highway Improvement Project
BOOST Corridors - METRO Service Area	Signature Bus	Bus priority treatments, bus stop optimization, and frequent service along multiple arterials	241	\$ 54,410,000	2040	Included in METRONext (description, length and cost from METRONext draft Moving Forward Plan A Plus)
BOOST Corridor - Spencer Hwy	Signature Bus	Bus priority treatments, bus stop optimization, and frequent service along Airport/College/Spencer between Hobby Airport and San Jacinto College Central in LaPorte	10.3	\$ 2,325,000	2040	Assumes significant expansion of local bus service in E Harris County. Cost based on per-mile cost of BOOST corridor in METRONext Moving Forward Plan A Plus

Missouri City/BW 8 Park and Ride	Park and Ride	Replaces existing Missouri City park and ride with new facility closer to intersection of US 90A and Beltway 8	-	\$ 22,000,000	2040	Included in METRONext; HCTTF has facility located at US 90A and Cravens Rd. Cost from METRO GPC (assumes 1,000 spaces surface parking)
Mont Belvieu Park and Ride	Park and Ride	New park and ride near IH-10 East and SH 146	-	\$ 22,000,000	2040	Cost from METRO GPC (assumes 1,000 spaces surface parking)
Atascocita Park and Ride	Park and Ride	New park and ride in vicinity of FM 1960 and W Lake Houston Pkwy	-	\$ 22,000,000	2040	Not included in METRONext but could be in METRO Service Area, depending on location; cost from METRO GPC (assumes 1,000 spaces surface parking)
La Porte Park and Ride	Park and Ride	New park and ride in vicinity of W Main and N Broadway	-	\$ 11,000,000	2040	Cost from METRO GPC (assumes 500 spaces surface parking)
Alvin Park and Ride	Park and Ride	New park and ride in vicinity of SH 6 and SH 35	-	\$ 11,000,000	2040	Cost from METRO GPC (assumes 500 spaces surface parking)
Pearland Park and Ride	Park and Ride	New park and ride (permanent facility) in vicinity of SH 288 and FM 518	-	\$ 22,000,000	2040	Cost from METRO GPC (assumes 1,000 spaces surface parking)
Springwoods Park and Ride	Park and Ride	New park and ride in vicinity of IH-45 N and Springwoods Village Pkwy	-	\$ 22,000,000	2040	Included in METRONext; cost from METRO GPC (assumes 1,000 spaces surface parking)
Katy Mills Park and Ride	Park and Ride	New park and ride in vicinity of Katy Fort Bend Rd and Kingsland Blvd	-	\$ 22,000,000	2040	Included in METRONext; cost from METRO GPC (assumes 1,000 spaces surface parking)
Louetta Park and Ride	Park and Ride	New park and ride in vicinity of SH 249 and Louetta Rd	-	\$ 22,000,000	2040	Included in METRONext; cost from METRO GPC (assumes 1,000 spaces surface parking)
Boudreaux Park and Ride	Park and Ride	New park and ride in vicinity of SH 249 and Boudreaux Rd	-	\$ 22,000,000	2040	Included in METRONext; cost from METRO GPC (assumes 1,000 spaces surface parking)
SH 225/Broadway Park and Ride	Park and Ride	New park and ride at stub end of SH 225 at Broadway and Lawndale	-	\$ 11,000,000	2040	Not included in METRONext; potential to be a transit center instead. Cost from METRO GPC (assumes 500 spaces surface parking)
Hempstead Park and Ride	Park and Ride	New park and ride in downtown Hempstead	-	\$ 11,000,000	2040	To be built as part of US 290 Commuter Line; cost from METRO GPC (assumes 500 spaces surface parking)
Prairie View Park and Ride	Park and Ride	New park and ride in vicinity of Business 290 and University Dr in Prairie View	-	\$ 22,000,000	2040	To be built as part of US 290 Commuter Line; cost from METRO GPC (assumes 1,000 spaces surface parking)
Waller Park and Ride	Park and Ride	New park and ride in vicinity of Business 290 and FM 362 in Waller	-	\$ 22,000,000	2040	To be built as part of US 290 Commuter Line; cost from METRO GPC (assumes 1,000 spaces surface parking)
Fulshear Park and Ride	Park and Ride	New park and ride in vicinity of intersection of FMs 1093 and 359 in Fulshear	-	\$ 11,000,000	2040	To be built as part of Outer Westpark commuter line; Cost from METRO GPC (assumes 500 spaces surface parking)
FM 359/Westpark Park and Ride	Park and Ride	New park and ride in vicinity of intersection of FMs 1093, 359 and 1463 near Cinco Ranch	-	\$ 22,000,000	2040	To be built as part of Outer Westpark commuter line; Cost from METRO GPC (assumes 1,000 spaces surface parking)
Westpark/Grand Parkway Park and Ride	Park and Ride	New park and ride in vicinity of SH 99 and Westpark Tollway	-	\$ 22,000,000	2040	To be built as part of Outer Westpark commuter line; Cost from METRO GPC (assumes 1,000 spaces surface parking)
Rosenberg Park and Ride	Park and Ride	New park and ride in downtown Rosenberg	-	\$ 11,000,000	2040	To be built as part of US 90A commuter line; Cost from METRO GPC (assumes 500 spaces surface parking)
Grand Parkway/US 90A Park and Ride	Park and Ride	New park and ride in vicinity of intersection of US 90A, SH 99 and FM 1464	-	\$ 22,000,000	2040	To be built as part of US 90A commuter line; Cost from METRO GPC (assumes 1000 spaces surface parking)
Sugar Land Town Center Park and Ride	Park and Ride	New Park and ride in vicinity of IH-69 and SH 6; replaced least spaces at First Colony AMC; structured facility	-	\$ 44,000,000	2040	To be built as part of US 90A commuter line; Cost from METRO GPC (assumes 1000 spaces structured parking)
Hobby Airport Transit Center	Transit Center	Replaces existing Hobby Airport Transit Center	-	\$ 15,000,000	2040	Included in METRONext; cost from METRO GPC
Memorial City	Transit Center	New transit center in vicinity of Gessner and IH-10 West	-	\$ 15,000,000	2040	Included in METRONext; cost from METRO GPC
Willowbrook Transit Center	Transit Center	New transit center in vicinity of SH 249 and FM 1960	-	\$ 15,000,000	2040	Included in METRONext; cost from METRO GPC
West Oaks Mall Transit Center	Transit Center	New transit center in vicinity of SH 6, Westhimer and Richmond	-	\$ 15,000,000	2040	Not included in METRONext (cost from METRO GPC, assumes 6 bus bays)
Woodlands Town Center Transit Center	Transit Center	New transit center in vicinity of Six Pines Dr and Lake Robbins Dr	-	\$ 15,000,000	2040	Per The Woodlands township Transt Plan; Cost from METRO GPC, assumes 6 bus bays
Pasadena Transit Center	Transit Center	New transit center in vicinity of SH 225, S Shaver and Main St	-	\$ 15,000,000	2040	Cost from METRO GPC, assumes 6 bus bays
San Jac College Transit Center	Transit Center	New transit center at San Jacinto College Central Campus on Spencer Hwy	-	\$ 15,000,000	2040	Cost from METRO GPC, assumes 6 bus bays
La Marque Transit Center	Transit Center	New transit center at FM 1765 and SH 3; replaces existing Connect Transit transfer point	-	\$ 15,000,000	2040	Cost from METRO GPC, assumes 6 bus bays
Woodlands Town Center T-Ramp	HOV T-Ramp	T-ramp for IH-45 North diamond lanes; provides direct access to The Woodlands Town Center	-	\$ 65,000,000	2040	Cost estimate by METRO GPC *
Sugar Land Town Center T-Ramp	HOV T-Ramp	T-ramp for IH-69 Southwest diamond lanes; provides direct access to proposed Sugar Land Town Center structured park and ride	-	\$ 65,000,000	2040	Cost estimate by METRO GPC *
El Dorado T-Ramp	HOV T-Ramp	T-ramp for IH-45 Gulf HOV facility; provides direct access to El Dorado Park and Ride	-	\$ 65,000,000	2040	Cost estimate by METRO GPC *
League City T-Ramp	HOV T-Ramp	T-ramp for IH-45 Gulf diamond lanes; provides direct access to League City (formerly Victory Lakes) Park and Ride	-	\$ 65,000,000	2040	Cost estimate by METRO GPC *
Westgreen T-Ramp	HOV T-Ramp	T-ramp for IH-10 west diamond lanes; provides better access to Kingsland P&R	-	\$ 65,000,000	2040	Inclusion in METRONext to be verified; cost estimate by METRO GPC *
Memorial City Online Station	In-Freeway Bus Station	Bus station for IH-10 west managed lanes; connection to Memorial City Transit Center	-	\$ 5,500,000	2040	Inclusion in METRONext to be verified; cost estimate by H-GAC
Fifth Ward/Denver Harbor Online Station	In-Freeway Bus Station	Bus station for IH-10 east HOV facility; connection to Fifth Ward/Denver Harbor Transit Center	-	\$ 5,500,000	2040	Not included in METRONext; cost estimate by H-GAC
Fifteen (15) Enhanced Transfer Points	Transfer Point	Enhancements include ADA-compliant sidewalk adjustments, crosswalk treatments, bench, shelter, electronic "next bus" signage, bike rack, lighting and landscaping. Located where significant amount of transfer activity is likely to occur but where a full-sized transit center is not warranted, e.g. intersections of high-volume bus routes, anchors for flex zones, etc.	-	\$ 3,750,000	2040	Cost estimate by H-GAC
Five (5) Operating and Maintenance Facilities	O&M Facility	Estimated to be needed to support service expansions; locations TBD	-	\$ 500,000,000	2040	Cost estimate by METRO GPC
				Subtotal		\$ 15,356,250,000
				10% Universal Accessibility		\$ 1,535,625,000
				15% State of Good Repair		\$ 2,303,437,500
				Estimate for non-HCT fleet expansion and replacement		\$ 2,500,000,000
				<b>Total*</b>		<b>\$ 21,695,312,500</b>
*Project to be added to Conformity network						
NOTE: this list does not include the following capital facilities currently in planning, design and construction: Post Oak BRT, West Bellfort P&R expansion, Texas City P&R, Fort Bend O&M Facility, Fort Bend Westpark P&R, US 290 HOV reconstruction (including T- and L- ramps and "reverse commute" lane)						
				New Park and Ride Facilities	25	\$ 506,000,000
				New Transit Center Facilities	11	\$ 165,000,000
				New Transfer Points	25	\$ 6,250,000
				Miles of new HCT All Day Guideway	102	\$ 6,034,220,000
				Miles of new HCT Peak Guideway	93.1	\$ 6,432,000,000
				Miles of Signature/BOOST Bus Service	270.8	\$ 134,755,000
				Miles of two-way, all-day HOV	143.3	\$ 1,242,025,000
				New T-Ramps	5	\$ 325,000,000
				New In-Freeway Bus Stations	2	\$ 11,000,000
				New Operating and Maintenance Facilities	5	\$ 500,000,000
4/1/2019				Non-HCT Fleet Expansion and Replacement	5	\$ 2,500,000,000