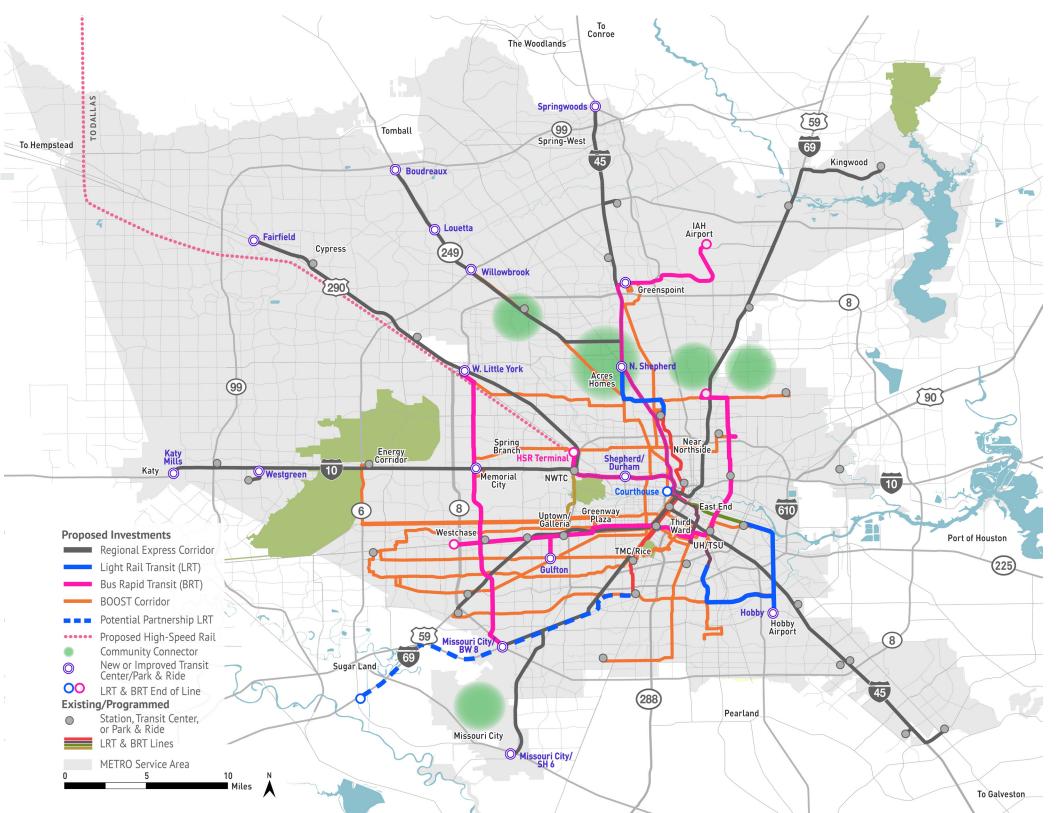


Moving Forward Plan A Plus



SERVING MORE PEOPLE, MORE PLACES



 Almost 250% more people within walking distance will have access to the Light Rail Transit (LRT) and Bus Rapid Transit (BRT) networks.



- The IAH Airport BRT provides direct access between Downtown and Greenspoint and IAH Airport delivering faster and more convenient trips.
- Extension of existing Green and Purple light rail lines provides direct connections to Hobby Airport.



- Inner Katy BRT Line provides a rapid transit connection between Uptown and Downtown with fast connections to the proposed High-Speed Rail Terminal.
- The University Corridor BRT Line provides rapid and vital east-west connection between multiple activity centers.



- The plan will more than double ridership compared to current year.
- The METRO system will provide 632,000 daily passenger trips in 2040.

FASTER, MORE RELIABLE, AND MORE OFTEN



- Improvements in all major freeway/HOV corridors create new options for commuters and other regional travel to avoid traffic and enjoy faster trips.
- The Inner Katy BRT Line's dedicated bus lanes will benefit all commuters in the IH 10 West and US 290 corridors.



- New investments will significantly improve transit travel times.
- · Increased service on more routes improves reliability.



METRONext will eliminate 134,000 more auto trips daily.

BETTER ACCESS & CUSTOMER EXPERIENCE



Universal accessibility, bus stop improvements, and first/last mile connections
make it easier to connect with transit.



 More than 280% increase in low-income households within walking distance that will have access to the LRT/BRT network.



 New Community Connectors efficiently increase transit access in lowerdensity areas.



 25% increase in bus service, new routes, and improved amenities will improve reliability and access to transit.





Moving Forward Plan A Plus

LRT LINES

610 $\widetilde{10}$ (8)

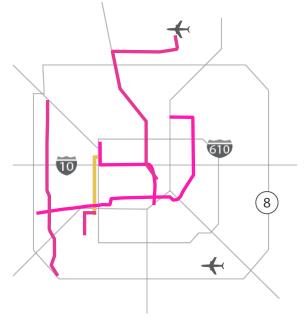


- APPROXIMATELY 20 MILES OF LRT EXTENSIONS
- FOUR NEW EXTENSIONS + ONE PARTNERSHIP PROJECT

The current Light Rail Transit (LRT) system will be expanded to serve more people and places. The Red Line will extend northwest to a new multimodal center at the North Shepherd Park & Ride with connections to BRT, Regional Express Network, and local routes. The Green and Purple lines will extend to Hobby Airport to the southeast, while to the northwest, the lines will be extended to provide direct access to the Central Municipal Courts Building. LRT projects include:

- Red Line Extension to N. Shepherd Park & Ride
- Green Line Extension to Hobby Airport
- Purple Line Extension to Hobby Airport
- Green/Purple Line Extension Theater District to Courthouse
- Potential Red Line Extension Fannin South Transit Center to Missouri City and Sugar Land (Phase 1 project development only; further project development requires a defined partnership)

BRT LINES



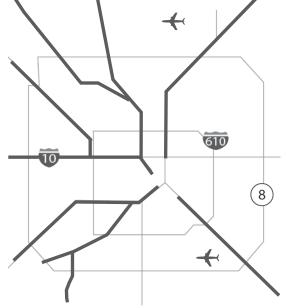


- APPROXIMATELY 75 MILES OF BRT SERVICE
- FIVE NEW BRT CORRIDORS

The Bus Rapid Transit (BRT) network will provide station-to-station service similar to LRT, but has the flexibility to accommodate multiple routes. The BRT network will provide convenient, direct, rapid service between Downtown, Uptown, Northwest Transit Center and the proposed High-Speed Rail terminal. Another BRT line will provide a direct link between Downtown and IAH Airport. The exclusive lanes could be used for autonomous vehicle transit in the future. BRT projects include:

- IH 45 North BRT Line Downtown to Bush Airport
- University Corridor BRT Line Westchase Park & Ride to Tidwell Transit Center
- Gessner Corridor BRT West Little York Park & Ride to Missouri City/BW 8 Park & Ride
- Uptown BRT Extension Uptown Transit Center to Gulfton Transit
- IH 10 West BRT Downtown to High Speed Rail Terminal

REGIONAL EXPRESS





- APPROXIMATELY 110 MILES OF NEW AND **IMPROVED HOV**
- REVERSE COMMUTE **OPTIONS**

The Regional Express Network will provide fast travel between jobs centers, and other major destinations, throughout the day, seven days a week. It will use expanded two-way HOV/HOT lanes with improved ramp access to existing and new transit centers and Park & Ride lots. The commuter buses will also use improved bus lanes in Downtown and the Texas Medical Center, and provide connections to the LRT and BRT networks. Regional Express projects include:

- US 90A Commuter Bus on Two-Way HOV Texas Medical Center (TMC) To Missouri City (BW 8, SH 6)
- IH 10 West Commuter Bus on Two-Way HOV Westgreen Blvd. To Katy Mills
- SH 249 Corridor and Transit Facilities to Boudreaux
- IH 45 North Commuter Bus on Two-Way HOV BW 8 To
- Off-Peak Direction Diamond Lane Projects

SIGNATURE AND BOOST

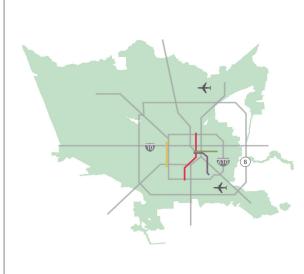




- APPROXIMATELY 260 MILES OF BOOST NETWORK
- 15 ROUTES (INCLUDING SIGNATURE BUS SERVICE)

The BOOST network includes 14 of METRO's high-ridership, frequent bus routes where speed, reliability and access improvements can significantly enhance the customer experience and increase ridership. Improvements include bus stop relocation, new shelters and accessibility upgrades, transit signal priority, bus-only lanes, and enhanced passenger information. The Westheimer Corridor Signature Bus Service will also include infrastructure and service improvements to provide fast and convenient travel between Downtown, Greenway, Uptown, Westchase and West Oaks (at SH 6). The Signature Service will use a new two-way High-Occupancy Vehicle (HOV) facility on IH 69/US 59 South between Midtown and Edloe Street.

SERVICE ENHANCEMENTS





16 New or Improved Park & Rides, Transit Centers, and Freeway Stations



New Community Connectors in lowdensity areas with high transit needs



Local Bus Service and **Bus Stop Enhancements Bus Operating Facility**



Downtown, Midtown, and Texas Medical Center Transit Improvements



Park & Ride Service Enhancements 5 First/Last Mile and Universal Accessibility

COST: \$2.45 BILLION*

COST: \$3.15 BILLION*

COST: \$1.37 BILLION*

COST: \$130 MILLION*

COST: \$383 MILLION*



All costs are in 2017 dollars.



HIGH CAPACITY RAPID TRANSIT PROJECTS

Ridership

Served

Access

Frequent Routes

Connected

(Daily Boardings)

Density (sq mi)

Major Activity Centers

Ease of Bike/Pedestrian

LEGEND

LRT

Z m

TRO*Next*

9

OAL

BRT REGIONAL EXPRESS **EXISTING LRT & BRT**

IMPROVE

MOBILITY

ENHANCE CONNECTIVITY

> SUPPORT **VIBRANT**

COMMUNITIES

ENSURE RETURN

ON INVESTMENT

GREEN LINE RED LINE TO PURPLE LINE WESTHEIMER GREEN/ **RED LINE TO BOOST TO HOBBY MISSOURI TO HOBBY** N. SHEPHERD **PURPLE CORRIDOR NETWORK AIRPORT** CITY **AIRPORT LINE TO BUS OPERATIONS OPTIMIZED** COURTHOUSE LIGHT RAIL LIGHT RAIL LIGHT RAIL SIGNATURE BUS LIGHT RAIL **SERVICE EXTENSION EXTENSION EXTENSION EXTENSION** LIGHT RAIL TREATMENTS **EXTENSION** Downtown to West Oaks via Magnolia Park Transit Fannin South Transit Northline Transit Center/ MLK Blvd/Griggs Rd to High Frequency Service HCC to N. Shepherd Park Center to Hobby Airport Center To Missouri IH 69/US 59 to Edloe Priority Treatments **Hobby Airport** Theater District to & Ride City (Phase 1 Project **Bus Stop Optimization** Courthouse Development) Passenger Amenities 2 9 19.5 MILES N/A MILES ? 9 **241** MILES 7.4 MILES **5.9** MILES **0.1** MILE 9 **6.4** MILES 9 STATIONS 9 STATIONS IMPROVED STOPS 5 STATIONS 9 STATIONS SIGNATURE STOPS 1 STATION 610 610 610 610 610 8 (8) 8 (8) 37,500¹ 9,000 2,700 N/A 20,000 2,800 4,400 Population + Employment 15.2 12.3 53.7 13.9 15.3 58.2 N/A 0 3 1 1 2 8 15 11 ROUTES 2 ROUTES **3** ROUTES 7 ROUTES 2 ROUTES **21** ROUTES 1 ROUTES HIGH HIGH HIGH HIGH HIGH HIGH HIGH **MEDIUM** HIGH **MEDIUM** HIGH HIGH **MEDIUM** LOW **Economic Growth Potential** 1.769 3,559 143 3,171 789 6,954 N/A \$18M Phase 1 Project Development \$19M \$900M \$634M \$881M \$76M \$53M

Low-Income Population

Served

Cost (2017)



¹ Includes ridership for both Westheimer Signature and Westheimer BOOST local service.



HIGH CAPACITY RAPID TRANSIT PROJECTS

LEGEND

LRT

REGIONAL EXPRESS **EXISTING LRT & BRT**

GESSNER CORRIDOR BRT LINE West Little York Park & Ride to Missouri City/BW 8 Park & Ride 2 $_{2}$ $_{9}$ 18.1 MILES

UPTOWN TO GULFTON

Uptown Transit Center to

2 2 3 MILES

Gulfton Transit Center

BRT LINE BRT LINE EXTENSION

> Downtown to Uptown and High Speed Rail Terminal

> > 7.6 MILES

INNER KATY/

IH 10 WEST

IH 45 NORTH TO IAH AIRPORT

BRT LINE

Downtown to IAH Airport

2 > **22.0** MILES

UNIVERSITY CORRIDOR

BRT LINE

Westpark Park & Ride to Tidwell Transit Center

2 > 25.3 MILES

REGIONAL EXPRESS NETWORK

COMMUTER BUS

IH 45 North to Springwoods US 90A to Missouri City IH 10 West to Katy Mills SH 249 to Boudreaux Other HOV Improvements

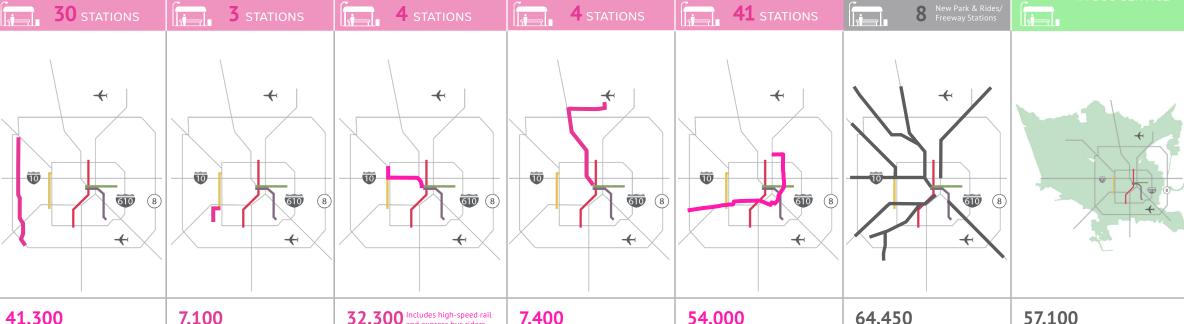
110.0 MILES

SERVICE ENHANCEMENTS AND OTHER IMPROVEMENTS

Local Bus Improvements Community Connectors Fairfield Park & Ride Gulfton Transit Center First/Last Mile Universal Accessbility



25% INCREASE



	110012111				
METRONext (ENHANCE CONNECTIVITY				
SOALS	SUPPORT VIBRANT COMMUNITIES	1			
	ENSURE RETURN				

IMPROVE MOBILITY	Ridership	41,300	7,100	32,300 Includes high-speed rail and express bus riders	7,400	54,000	64,450	57,100
ENHANCE CONNECTIVITY	Population + Employment Density (sq mi)	22.7	53.0	94.1	12.4	31.5	N/A	PRIORITIZES ACTIVITY CENTERS
	Major Activity Centers Served	2	1	2	5	4	8	20
	Frequent Routes Connected	10 ROUTES	3 ROUTES	7 ROUTES	9 ROUTES	16 ROUTES	18 ROUTES	21 ROUTES
	Ease of Bike/Pedestrian Access	нібн	нібн	нібн	нібн	нібн	LOW	HIGH
SUPPORT VIBRANT COMMUNITIES	Economic Growth Potential	нібн	нібн	нібн	нібн	нібн	LOW	LOW
	Low-Income Population Served	7,682	1,390	507	22,742	12,461	35,732	YES
ENSURE RETURN ON INVESTMENT		\$793M	\$110M	\$448M	\$242M	\$1.56B	\$1.37B	\$383M

