

METROPOLITAN TRANSIT AUTHORITY OF HARRIS COUNTY, TEXAS

Texas Association of Environmental
Professionals
November 21, 2019

CHAIR CARRIN PATMAN

2019

METRO ON THE MOVE





METRONow



METRO SERVICES FY2019



Total Ridership

115.1
million rides

Local Service

59.4
million rides

Park & Ride

7.8
million rides

Light Rail

18.6
million rides



METROLift

2.1
million rides

METRO Star Vanpool

1.8
million rides

HOV/HOT Lanes

25.1
million users
(non-bus)

MPD

TranStar

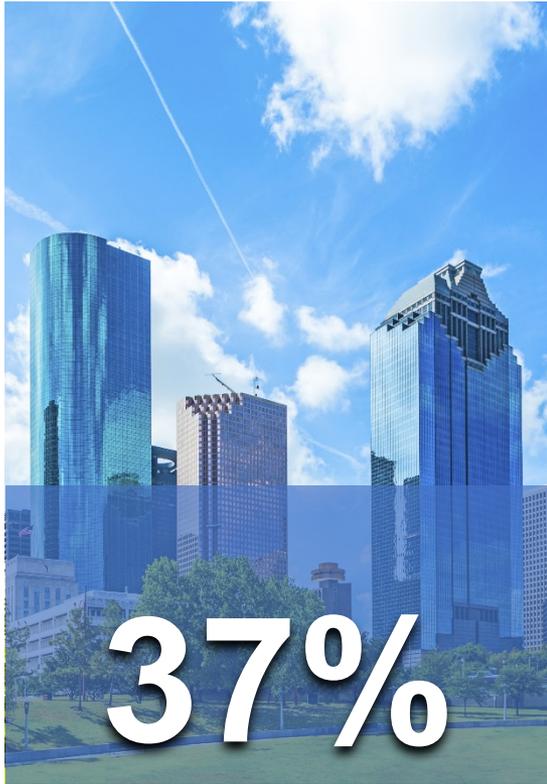
RIDERSHIP ON THE MOVE

**12% FIXED-ROUTE
RIDERSHIP INCREASE
(FY2012 – 2019)**



WORK TRIPS ON METRO DURING PEAK PERIODS

Downtown Houston



Galleria Area



Texas Medical Center



Source: METRO's Long Range Travel Model, calibrated to 2017 ridership data

FINANCIAL MANAGEMENT

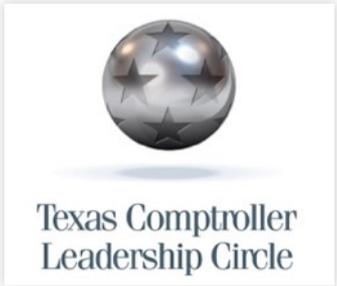
FY2020 Budget	
Operating	684.0
GMP Transfer	186.5
Capital	330.5
Debt Service	131.5
\$1,332.5 (in millions)	



Aa2 Rating



AAA Rating



Sound financial practices, openness, and transparency



*“The Metropolitan Transit Authority of Harris County has shown **a true commitment to Texas taxpayers.**”*
Texas Comptroller Glenn Hegar



Excellence in Financial Reporting

TexPIRG

‘A’ for Spending Transparency

-  **Only 2.0% Growth In Base Operating Budget**
-  **Conservative Sales Tax Assumptions**
(reduced Dr. Gilmer’s projections by 1% for 2019)
-  **Prudent Reserves**

GENERAL MOBILITY PROGRAM



**\$3.2 BILLION REBATED
SINCE THE PROGRAM'S
INCEPTION**



METRO EMBRACES INNOVATIVE SOLUTIONS



Autonomous Vehicles



Platooning Buses on
HOV Lanes



 METRO App



Bus Rapid Transit (BRT)



AV Pilot - TSU



Electric Buses

Leading Edge

- METRO TRIP App
- Next Bus Arrival Texting
- Wi-Fi on-board pilot coming May 2019

Cutting Edge

- Autonomous circulator
- My Stop Technology Bluetooth beacon
- Digital signage
- On-board infotainment

Partners

- Chair of Team Houston, Texas Innovation Alliance
- Houston Exponential
- Greater Houston Partnership
- COH Mobility Working Group
- Texas Technology Task Force
- Transportation 4 America-Smart Cities/Smart Cities Collaborative
- Station Houston
- Research partners: UH, TSU, UT and Texas A&M





METRONext



2040

HOUSTON REGION FORECAST



2040

HOUSTON REGION
ESTIMATED
PROJECTIONS

50%

population increase
in METRO service area

10M

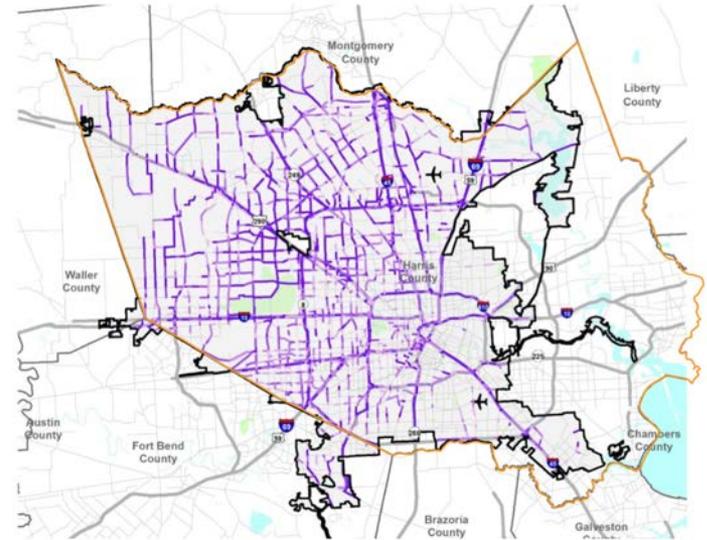
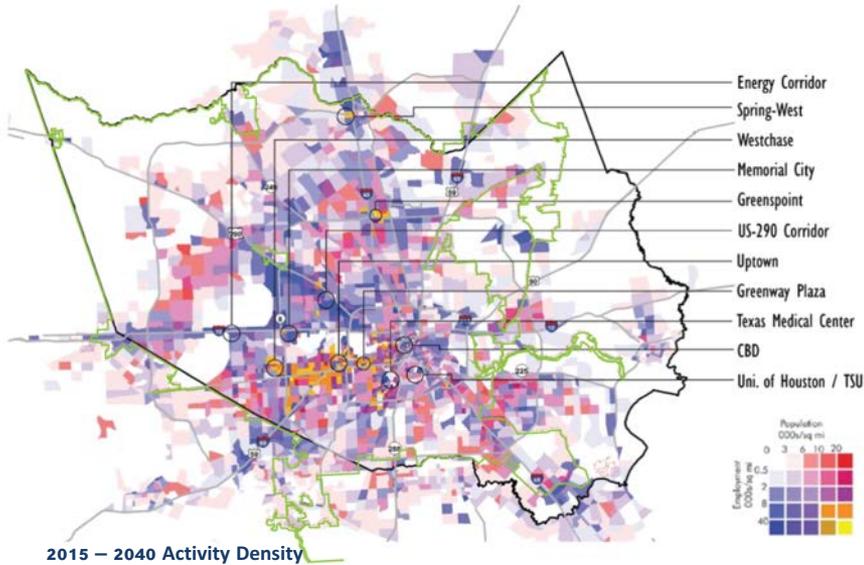
people in the region

4.5M

jobs in the region

H-GAC Population and Employment Forecasts, 2017

WHAT ABOUT TRAVEL?



INCREASED DENSITIES WITHIN THE URBAN CORE AND HIGH GROWTH AREAS IN THE NORTH, WEST AND SOUTHWEST

EXISTING AND FUTURE CONGESTION ON ROADWAY NETWORK

FREIGHT TRUCKS IMPACTING MOBILITY



KEY GOALS

THE METRONEXT MOVING FORWARD PLAN

- ✓ MORE WAYS TO GET AROUND
- ✓ EASE TRAFFIC
- ✓ SUPPORT VIBRANT COMMUNITIES
- ✓ RETURN ON INVESTMENT
- ✓ FUTURE-PROOF SYSTEM
- ✓ BUILD UPON EXISTING INVESTMENTS



METRONEXT

YOU SPOKE. WE LISTENED.

JUNE 2017 - AUGUST 2019

54

METRO community open houses and public meetings

90

meetings with elected officials in the METRO service area

450+

community locations where METRONext information has been distributed

1200+

community events, meetings and speaking engagements



**METRO
NEXT**
Moving Forward



METRONEXT FINANCIALS & GENERAL MOBILITY

Key financial assumptions

FUNDING SOURCES:

\$3.5B

in bonding authority

+ FEDERAL GRANTS

+ LOCAL FUNDS

GENERAL MOBILITY PROGRAM EXTENDED THROUGH 2040

Debt issued as necessary based on financial realities at time of issuance and under restrictions in covenants

Repaid by existing sales tax revenues, based on Dr. Bill Gilmer's projections (Institute for Regional Forecasting, Bauer College of Business)

**NO TAX
INCREASE**



METRONEXT

EXISTING METRORAIL & UPCOMING METRORAPID



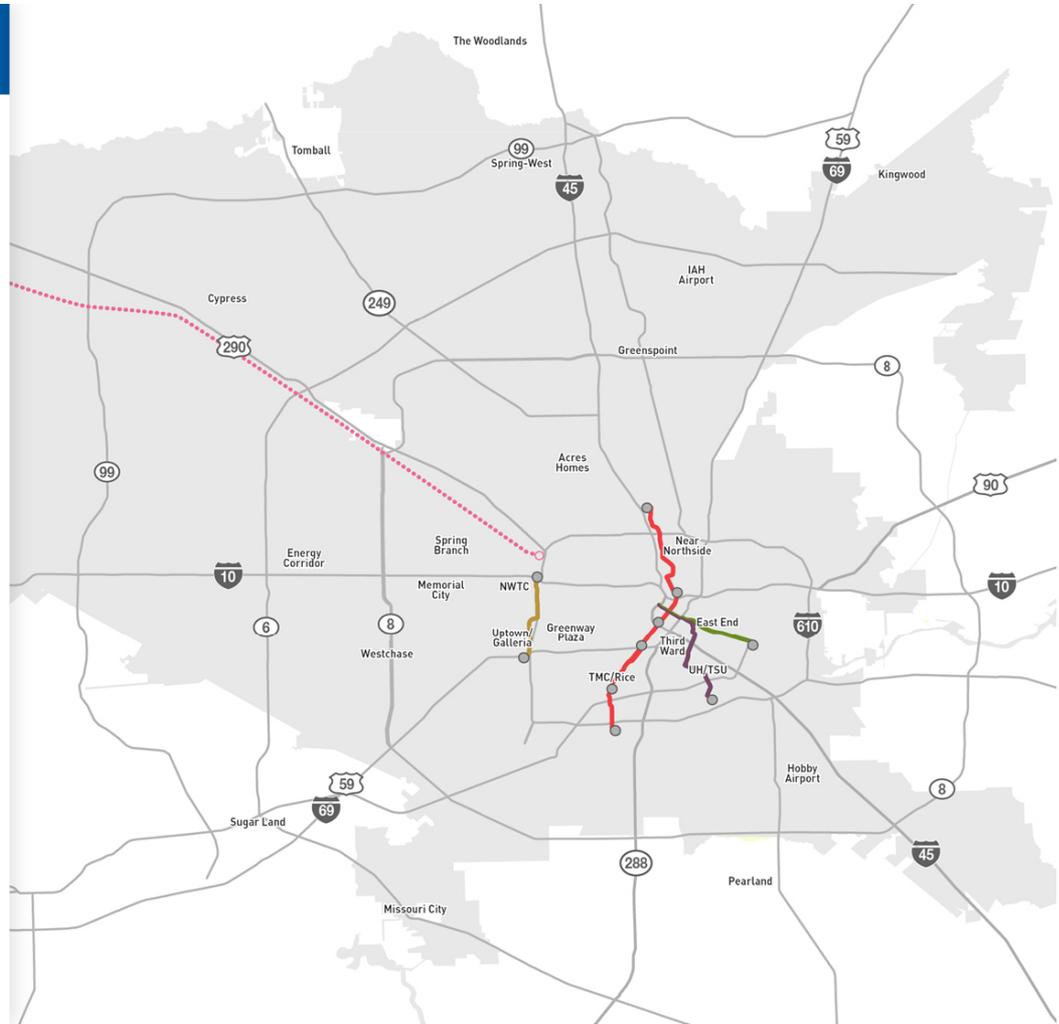
MOVING FORWARD PLAN

Proposed Investments

- METRORapid (BRT) Corridor
- Regional Express Network
- METRORail (LRT) Corridor
- METRORail Potential Partnership
- BOOST Corridor
- - - Proposed High-Speed Rail
- Community Connector/Circulator (additional locations to be determined)
- New or Improved Transit Center/Park & Ride
- METRORail/METRORapid End of Line

Existing/Programmed

- Station, Transit Center, or Park & Ride
- METRORail/METRORapid Lines
- METRO Service Area



METRONEXT METRORAPID



MOVING FORWARD PLAN

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- New or Improved Transit Center/Park & Ride
- METRORail/METRORapid End of Line

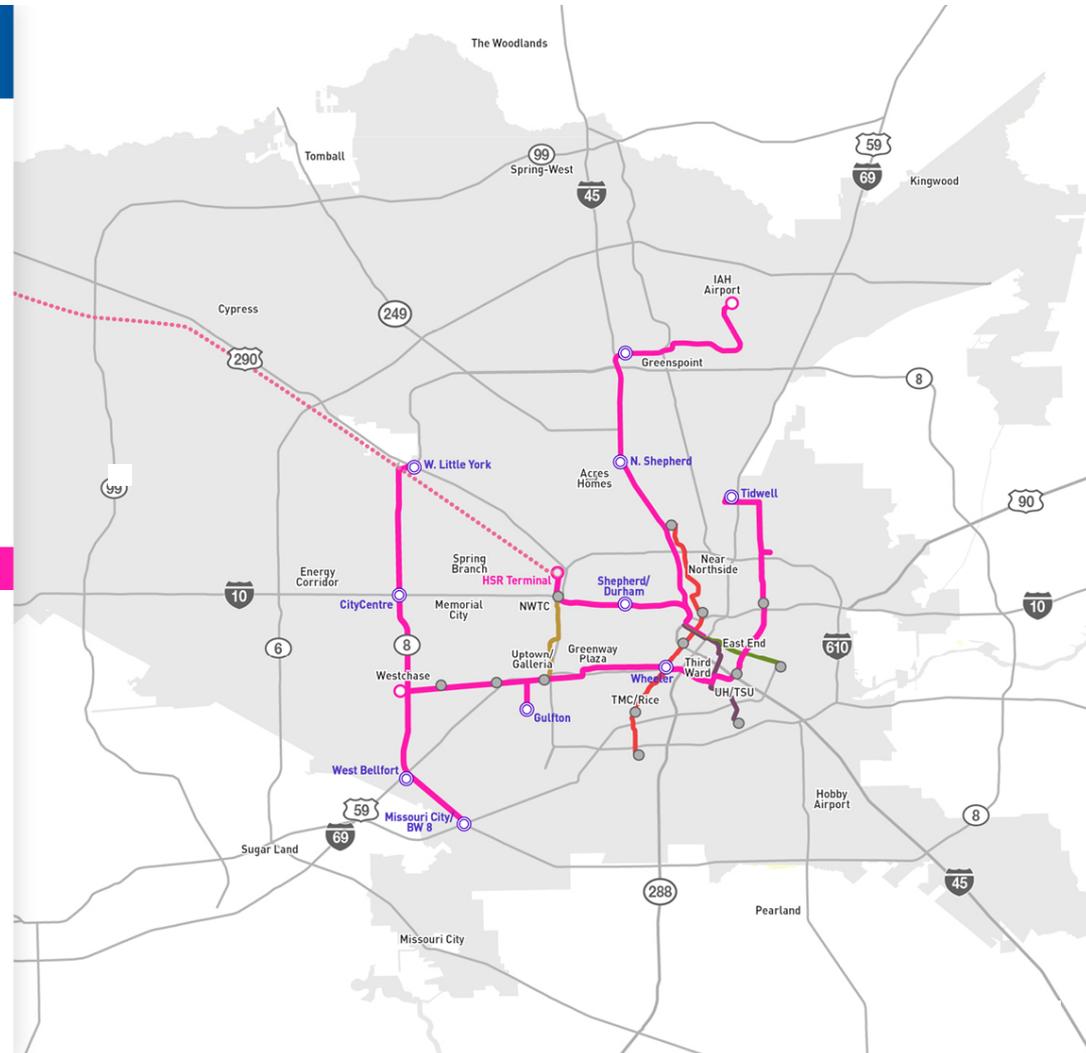
Existing/Programmed

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- METRO Service Area



METRORAPID (BRT)

- Interstate Highway 45 North to George Bush Intercontinental Airport and Greenspoint
- Inner Katy Corridor to Northwest Transit Center / Proposed High Speed Rail / Uptown
- University Corridor between Westchase and Tidwell
- Uptown Corridor extension to Gulfton
- West Houston Corridor between West Little York Park & Ride and Missouri City



METRONEXT REGIONAL EXPRESS



MOVING FORWARD PLAN

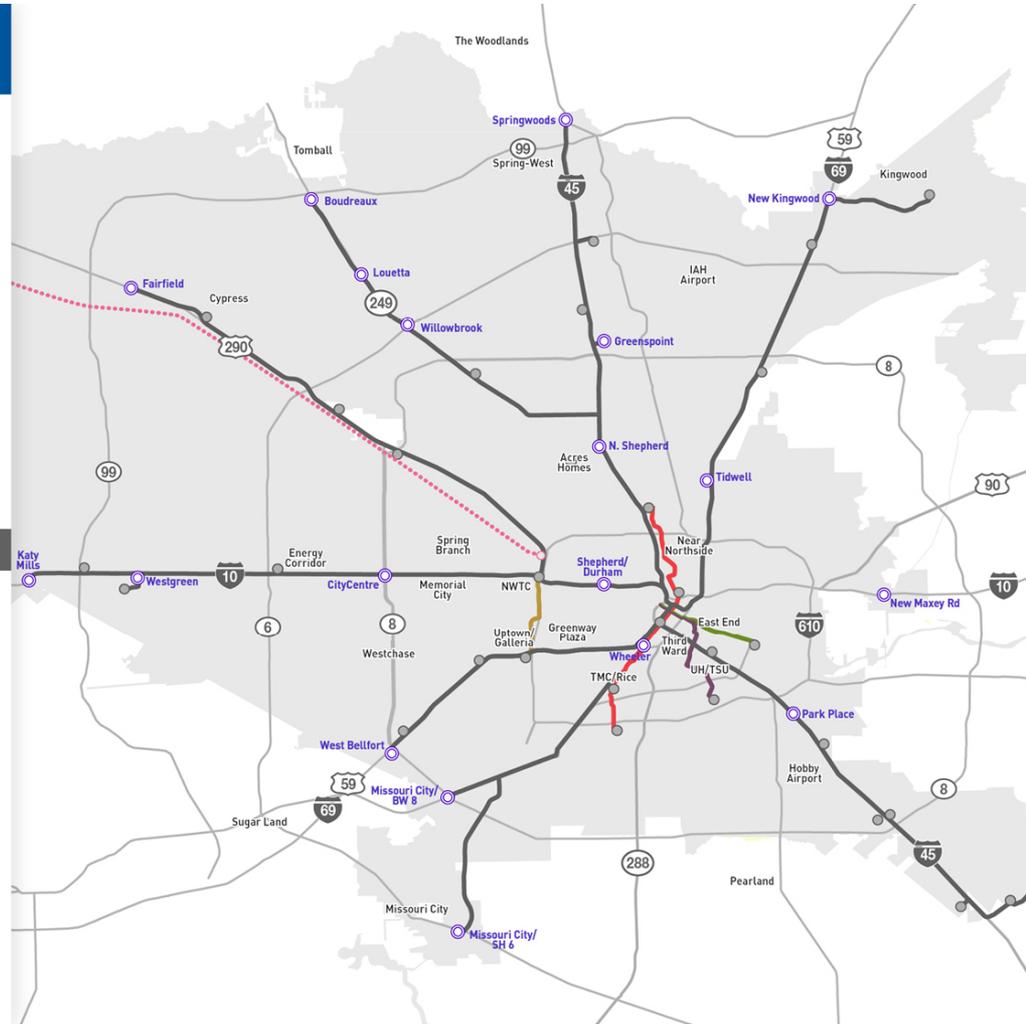
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 - Community Connector/Circulator (additional locations to be determined)
 - New or Improved Transit Center/Park & Ride
 - METRORail/METRORapid End of Line

- Existing/Programmed**
- Station, Transit Center, or Park & Ride
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 - METRO Service Area



REGIONAL EXPRESS

- United States Highway 90A Two-Way HOV
- Interstate Highway 10 West Two-Way HOV
- Interstate Highway 45 North Two-Way HOV
- United States Highway 59/Interstate Highway 69 South Two-Way HOV Downtown to Edloe
- State Highway 249 Two-Way Diamond Lanes/HOV
- 4 Off-Peak Direction Diamond Lane Corridors



METRONEXT METRORAIL



MOVING FORWARD PLAN

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- METRORail (LRT) Corridor
- METRORail Potential Partnership
- BOOST Corridor
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- Community Connector/Circulator (additional locations to be determined)
- New or Improved Transit Center/Park & Ride
- METRORail/METRORapid End of Line

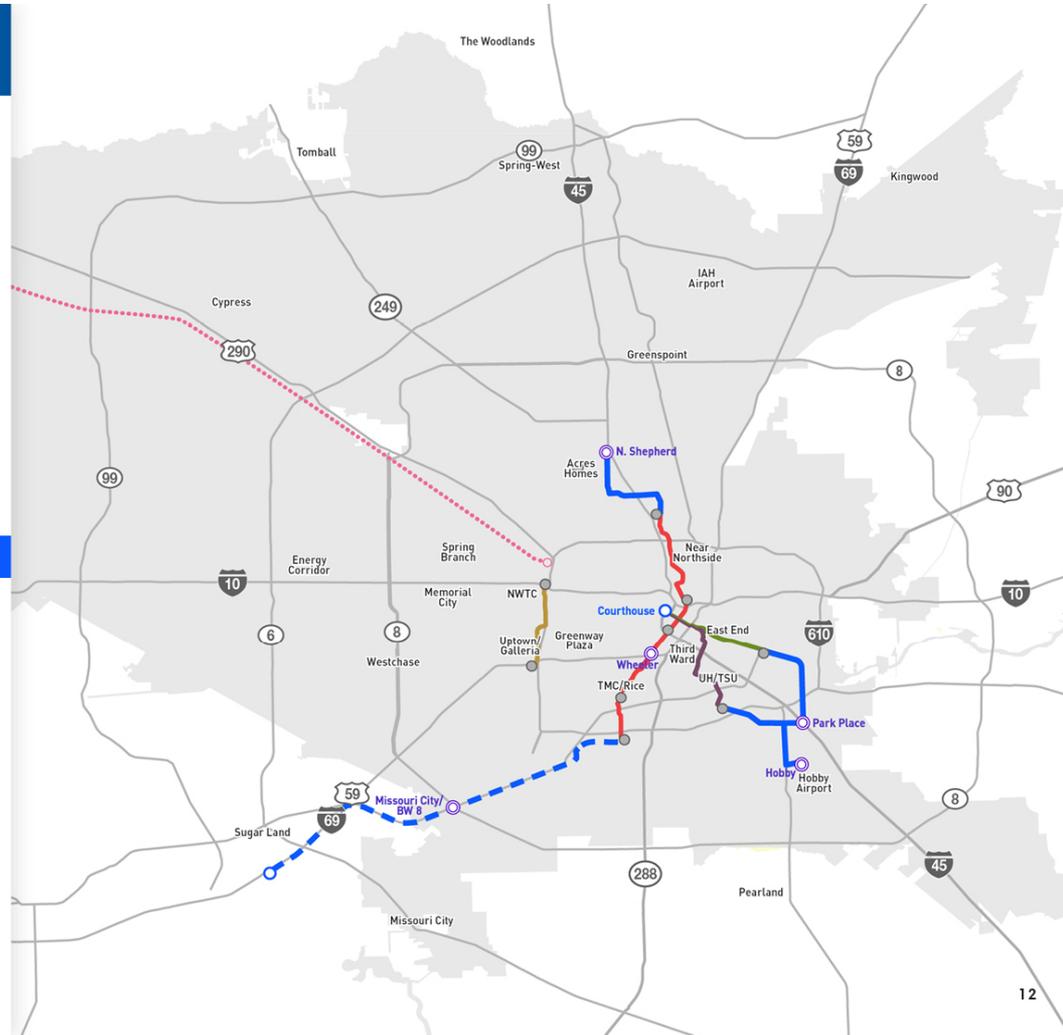
Existing/Programmed

- Station, Transit Center, or Park & Ride
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- METRO Service Area



METRORAIL (LRT)

- Connecting the Green Line and Purple Line and extending the combined lines to William P. Hobby Airport
- Extensions of Green and Purple Lines to the City of Houston Municipal Courthouse
- Extension of Red Line to North Shepherd



METRONEXT BOOST AND SIGNATURE SERVICE



MOVING FORWARD PLAN

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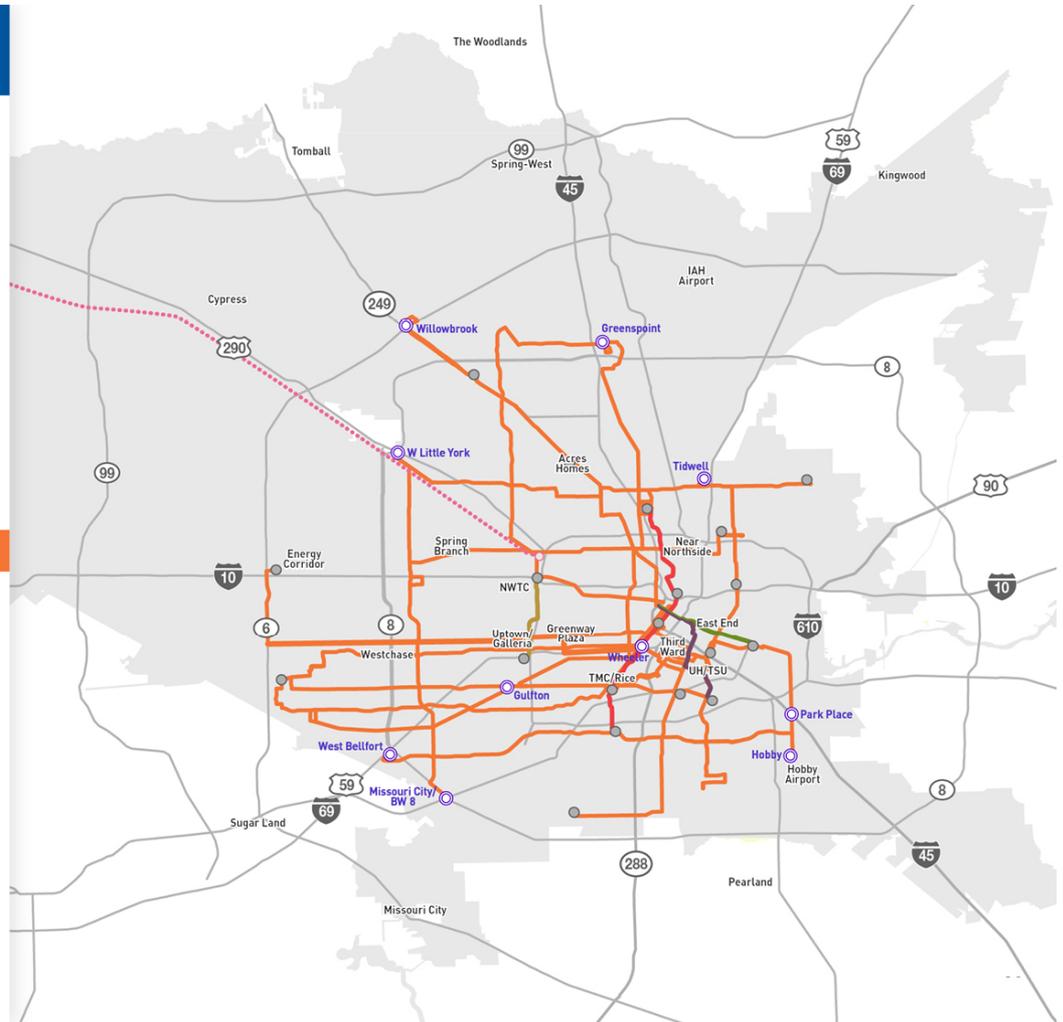
Existing/Programmed

- Station, Transit Center, or Park & Ride
- METRORail/METRORapid Lines
- METRO Service Area



BOOST & SIGNATURE SERVICE

- 17 Corridors
- Westheimer Signature Bus Service



METRONEXT SYSTEM ENHANCEMENTS



MOVING FORWARD PLAN

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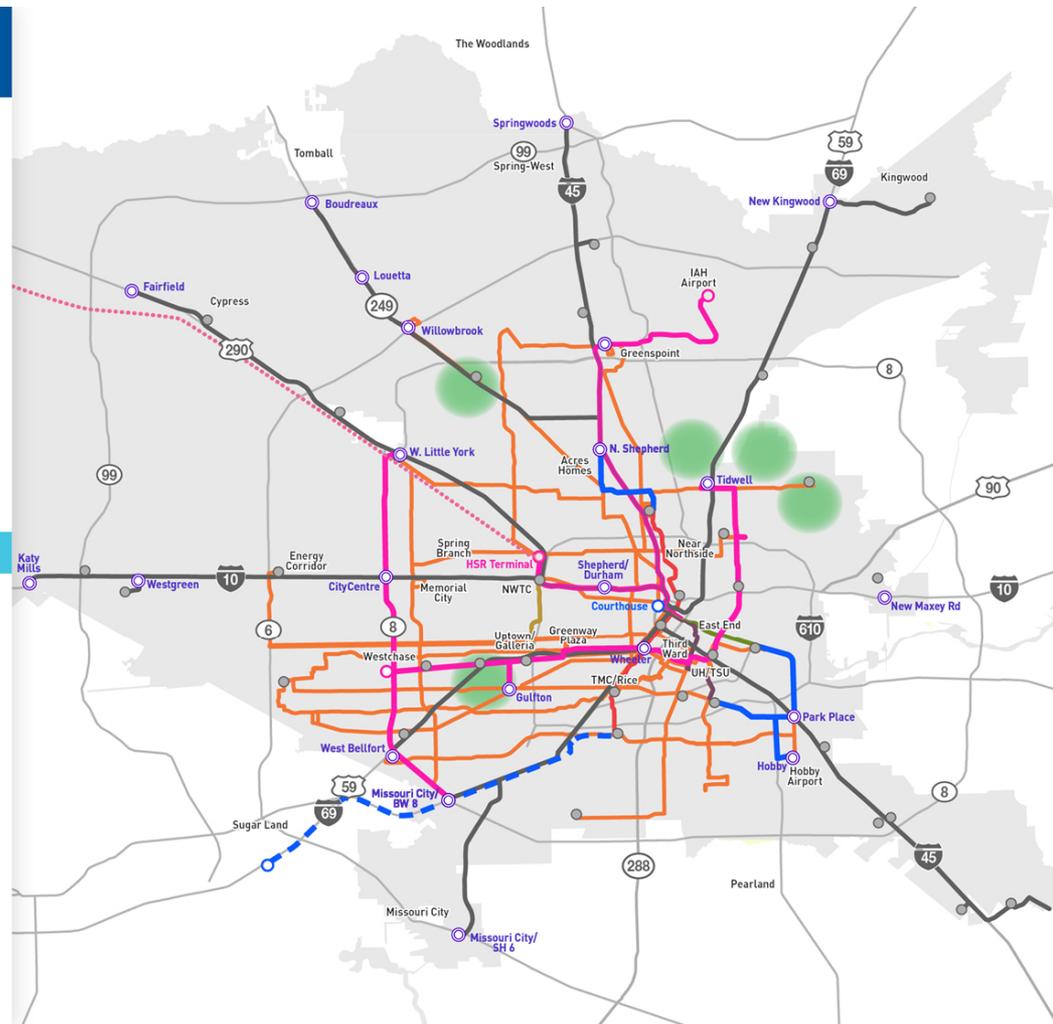
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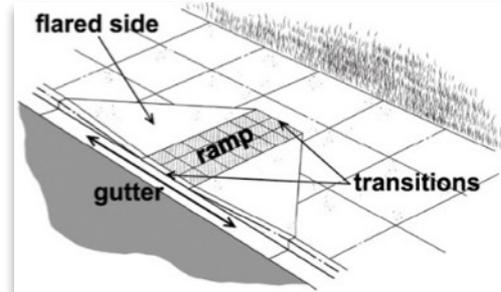


SYSTEM ENHANCEMENTS

- Approximately 21 new or improved **Park & Rides, and Transit centers**
- Approximately 10 new **Community Connectors / circulators**
- Systemwide route improvements
- Bus stop enhancements, such as **new shelters, accessibility upgrades, and enhanced passenger information**
- Bus Operating Facility
- Downtown, Midtown, and Texas Medical Center transit improvements
- Park & Ride service enhancements
- **Accessibility and usability** improvements and other investments designed to reduce barriers for seniors, the disabled and other users of METRO's transit system, including **METROLift services**
- Improvements to facilitate portions of a rider's trip before and after use of METRO's transit system (**First Mile/Last Mile**)
- **Safety and security enhancements**



FOCUS ON ADA COMPLIANCE



ACCESSIBILITY AND USABILITY IMPROVEMENTS

[METRONEXT.ORG](https://metronext.org)