

METRONext

Vision & Moving Forward Plans

Board Workshop

December 11, 2018



Disclaimer

This presentation is being provided solely for discussion purposes by the Board of Directors of the Metropolitan Transit Authority of Harris County, Texas (METRO) during a workshop session on December 11, 2018. It includes draft alternative transit plans, which utilize a range of modes of transportation based on different funding scenarios, including a draft long-term plan that provides a vision of future transit in the service area assuming unconstrained financial resources. The draft plans are based on various financial estimates, economic forecasts and other assumptions, which are subject to change. As a result, the final proposed plan could differ materially. Additionally, any proposed plan or project conducted by METRO is subject to certain approvals and authorization, including approval by the METRO Board of Directors.

METRO makes no claim, promise or guarantee of any kind, including with respect to the feasibility or future implementation of any proposed plans or projects discussed herein.



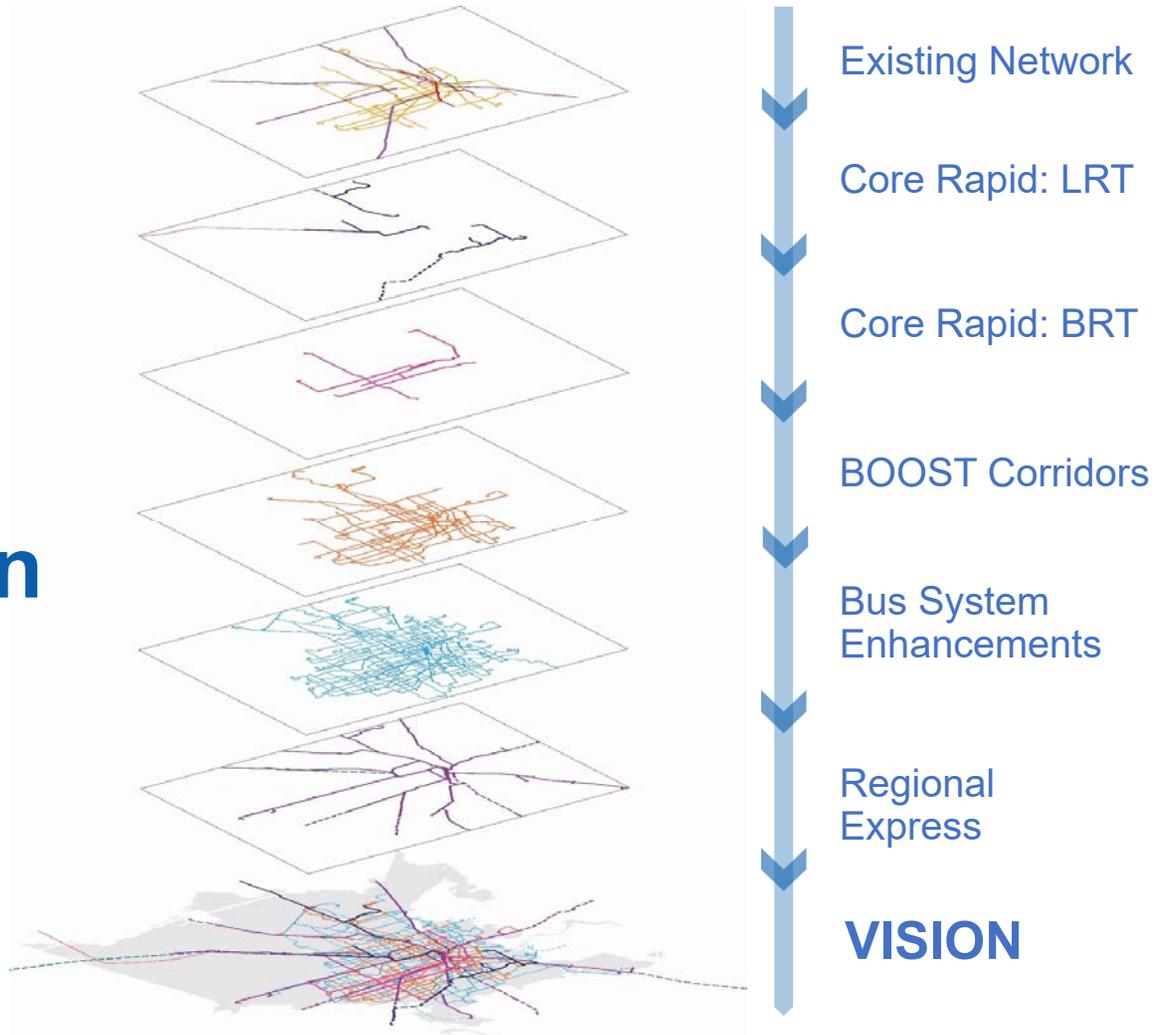
Discussion:

- › Moving Forward Plan A Plus
- › Next Steps

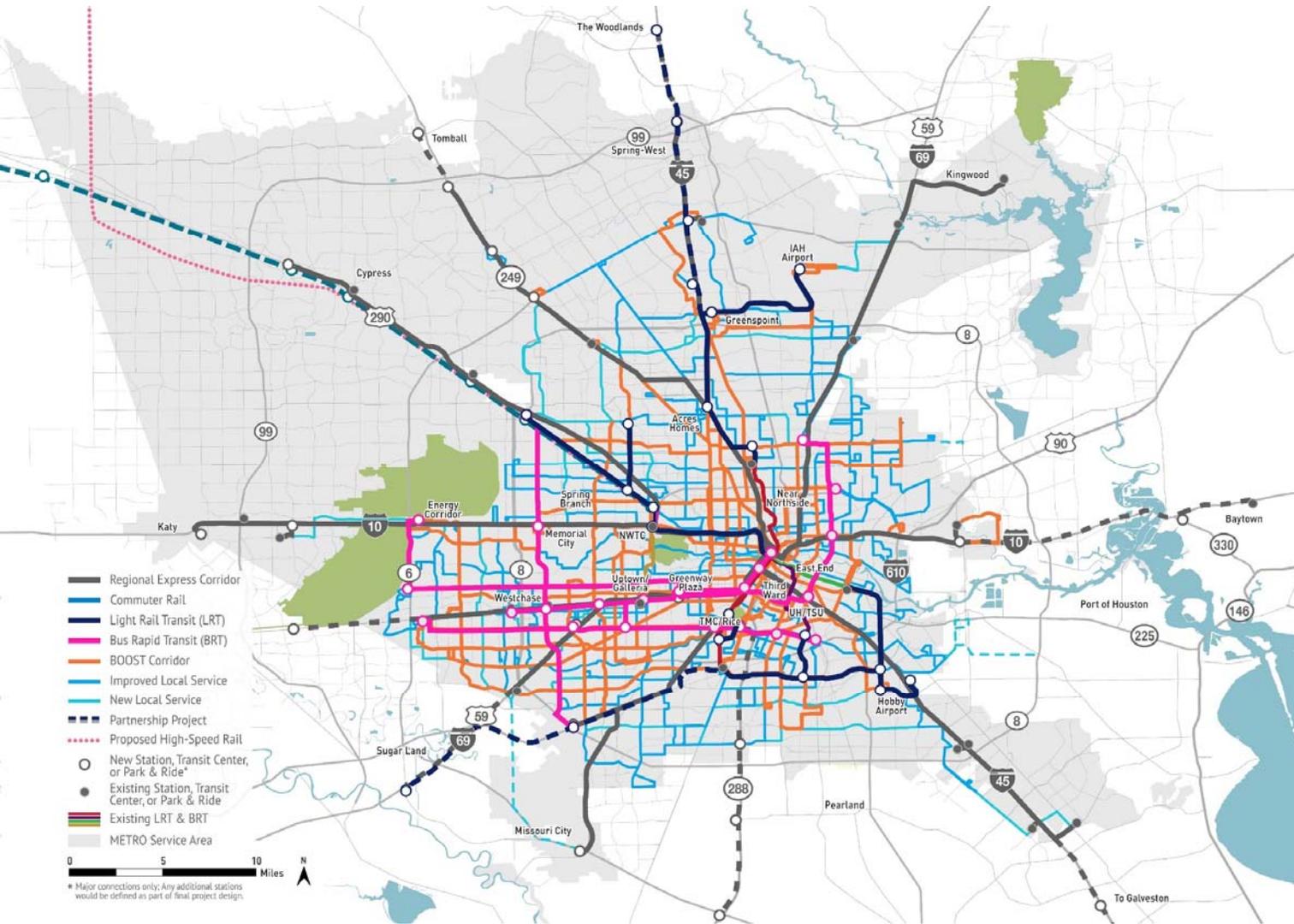
Board Goals and Priorities



Building the METRONext Long-Term Vision



METRONext Vision Plan



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Vision Plan Investments

Major Investments:

- 200 mi  Two-way HOV
- 100 mi  Extended LRT lines
- 90 mi  New BRT system
- 500 mi  BOOST Network

Fleet & Operational Investments:

- 211  New light rail vehicles
- 448  New buses
- 33  BOOST corridors

Service & Access Improvements:



**RESILIENCY
PLANNING**



NEW SERVICE



**PARTNERSHIP
PROJECTS**



**UNIVERSAL
ACCESSIBILITY**



**IMPROVED BUS
SERVICE AND
BUS STOPS**

METRONext

Moving Forward Plans

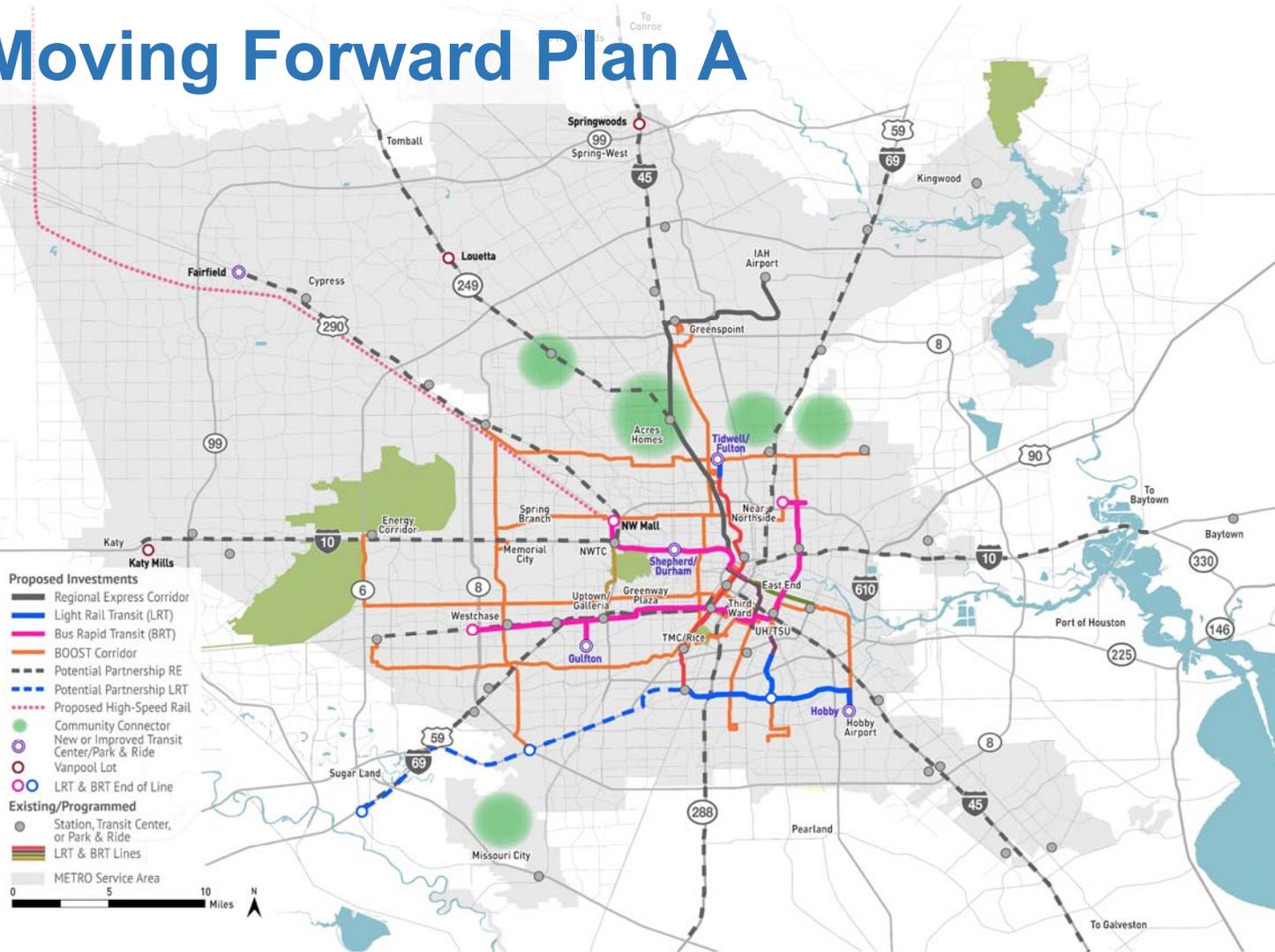


Key Assumptions & Conclusion

Key Financial Assumptions:

- No increase in sales tax rate (remains 8.25%) and no property tax increase
- Net Sales Tax Revenues available to METRO are based on the annual growth rates (FY2019 – FY2040 and beyond) formulated by Dr. Robert W. Gilmer, University of Houston – C.T. Bauer College of Business as of June 2018
- General Mobility Program continues through 2040 and beyond
- Bus and Light Rail infrastructure projects are financed using 45% debt/55% grant funds
- Bus system enhancements and optimization projects are financed using debt and local funds
- Forecasted expenditures include operating and maintenance costs for all METRONext projects
- METRO's Board approved cash reserve requirements (25% of operating expenses plus \$10MM) are met

Moving Forward Plan A



LRT Extensions

- › Red Line South to Hobby Airport
- › Purple Line Hobby Airport
- › Red Line North to Tidwell

BRT System

- › University Corridor to Westchase & Kashmere
- › Inner Katy Corridor to NWTC, HSR Terminal & Uptown
- › Uptown BRT Extension to Gulfton

Regional Express Network

- › IH 45 Express –Downtown to IAH
- › Partnership investments in Two-Way HOV operations

BOOST & Signature Service

- (Bus Operations Optimized System Treatments)
- › 10 Corridors
 - › Westheimer Signature Bus Service

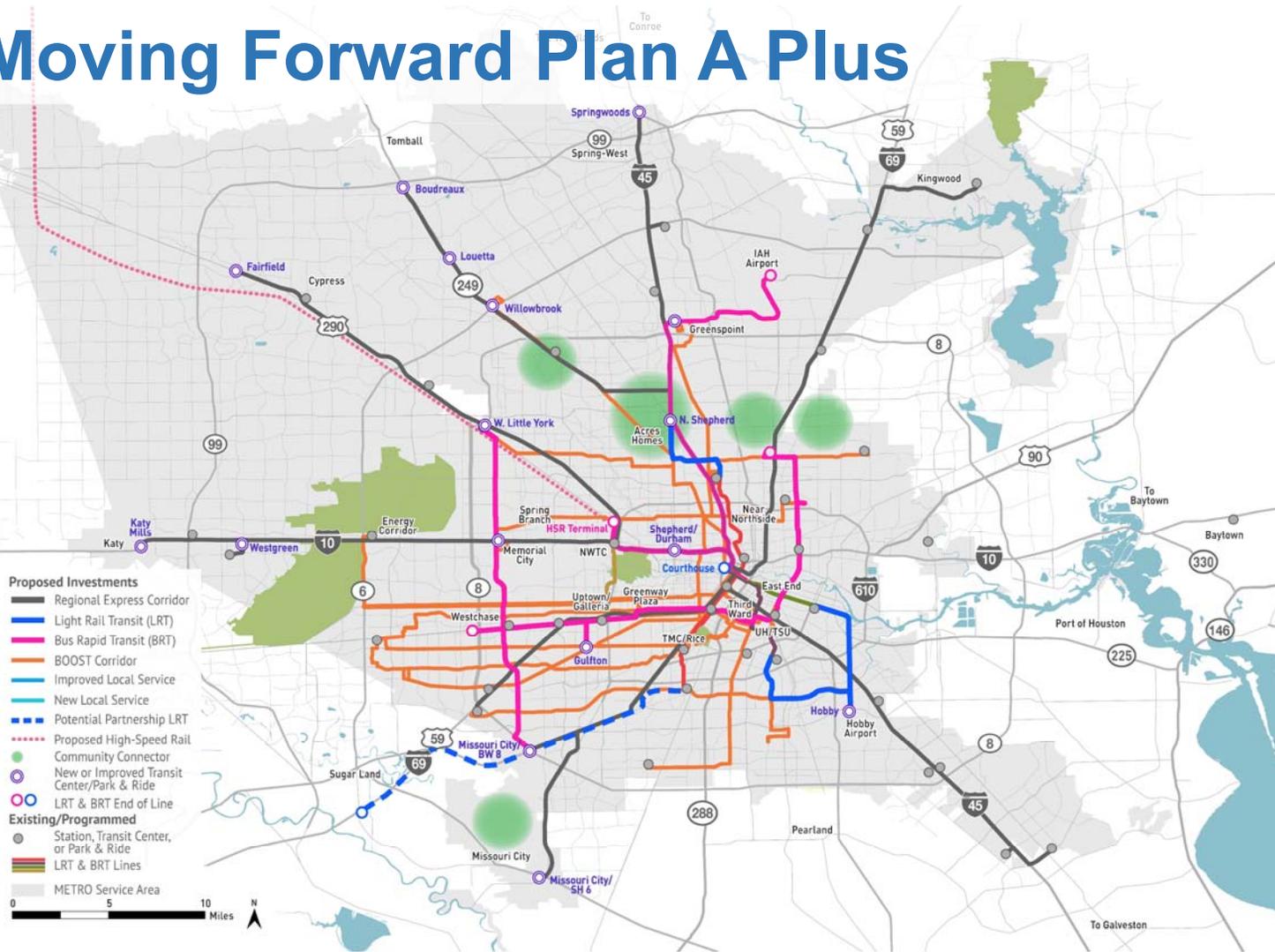
Service Enhancements

- › Expanded hours / better frequency
- › Additional coverage
- › Universal Accessibility



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Moving Forward Plan A Plus



LRT Extensions

- › Green Line to Hobby Airport
- › Purple Line to Hobby Airport
- › Red Line to N. Shepherd
- › Green/Purple Line to Courthouse

BRT System

- › IH 45 North to IAH & Greenspoint
- › Inner Katy Corridor to NWTC / HSR / Uptown
- › University Corridor to Westchase & Tidwell
- › Uptown BRT Extension to Gulfton
- › Gessner Corridor

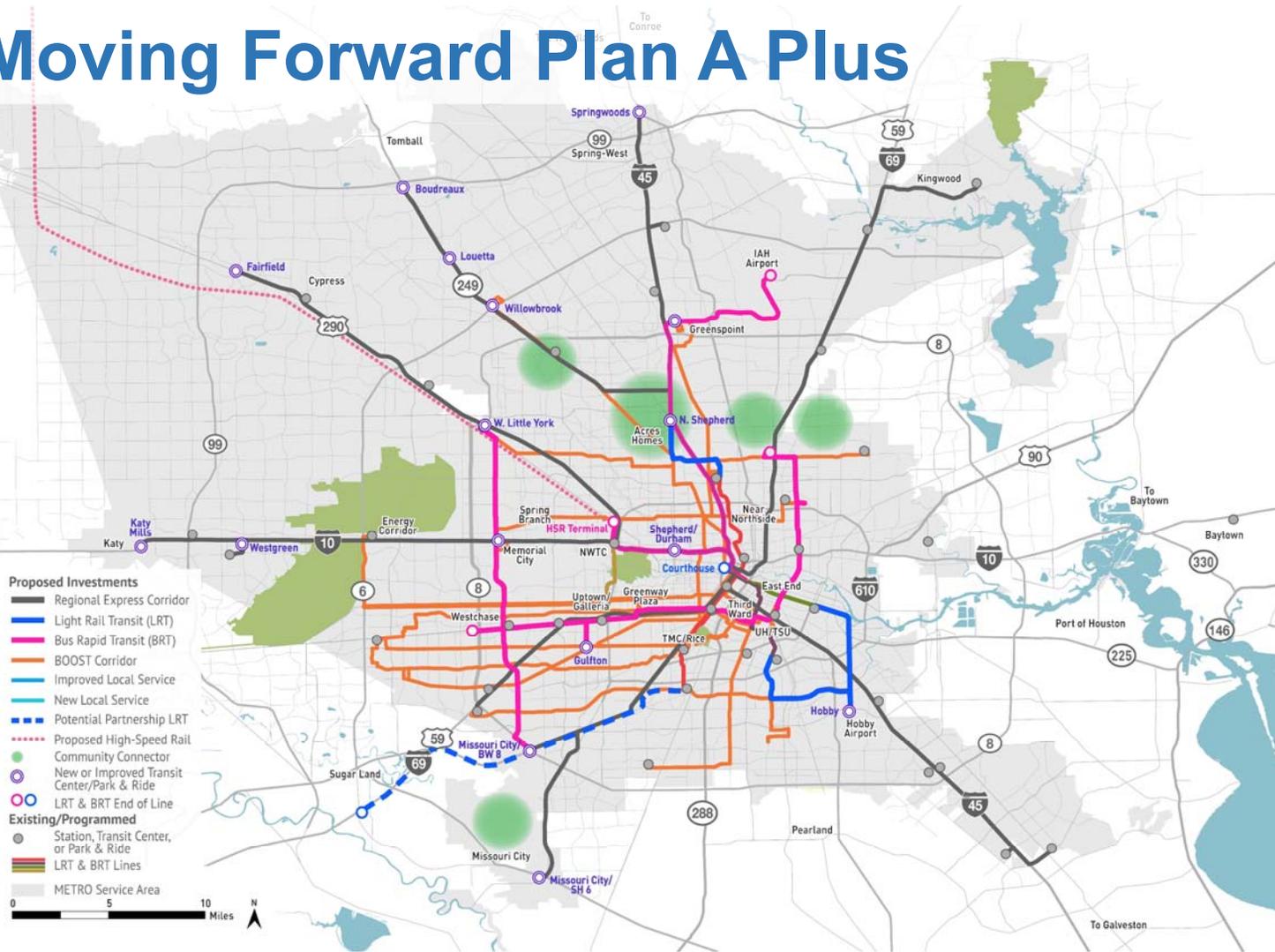
Regional Express Network

- › US 90A Two-Way HOV
- › IH 10 West Two-Way HOV
- › IH 45 North Two-Way HOV
- › IH 69/US 59 Two-Way HOV (Edloe to Downtown)
- › SH 249 Corridor & Facilities to Boudreaux
- › 4 Off-Peak Direction Diamond Lane Corridors



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Moving Forward Plan A Plus



BOOST & Signature Service

- › 14 Corridors
- › Westheimer Signature Bus Service

System Enhancements

- › Systemwide route improvements including 3 new Community Connectors
- › Downtown, Midtown & TMC transit improvements
- › First / Last Mile
- › Universal Accessibility

Facilities

- › 7 New / Improved Transit Centers
- › 8 New / Improved Park & Rides



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Plan A Plus Investments

Major Investments:

- 110 mi  Regional Express Network
- 20 mi  Extended LRT lines
- 75 mi  New BRT system
- 260 mi  BOOST & Signature
- 15  New or Improved Park & Rides, Transit Centers
- 3  Community Connectors
- 25%  Increase in Bus Service

Service & Access Improvements:



IMPROVED TRANSIT SERVICE ON MAJOR FREEWAYS



IMPROVED BUS SERVICE AND BUS STOPS



RESILIENCY PLANNING



PARTNERSHIP PROJECTS



UNIVERSAL ACCESSIBILITY

Moving Forward Plan A Plus: 2040 Results



103%

increase in ridership
compared to current
year



632,000

passenger trips
carried on the METRO
system every day



134,000

fewer car trips on the
road each day



1,000,000

fewer vehicle
miles traveled
every day

More Connections

More Transit, More Places



Access to LRT/BRT Network
(1/2 mile)

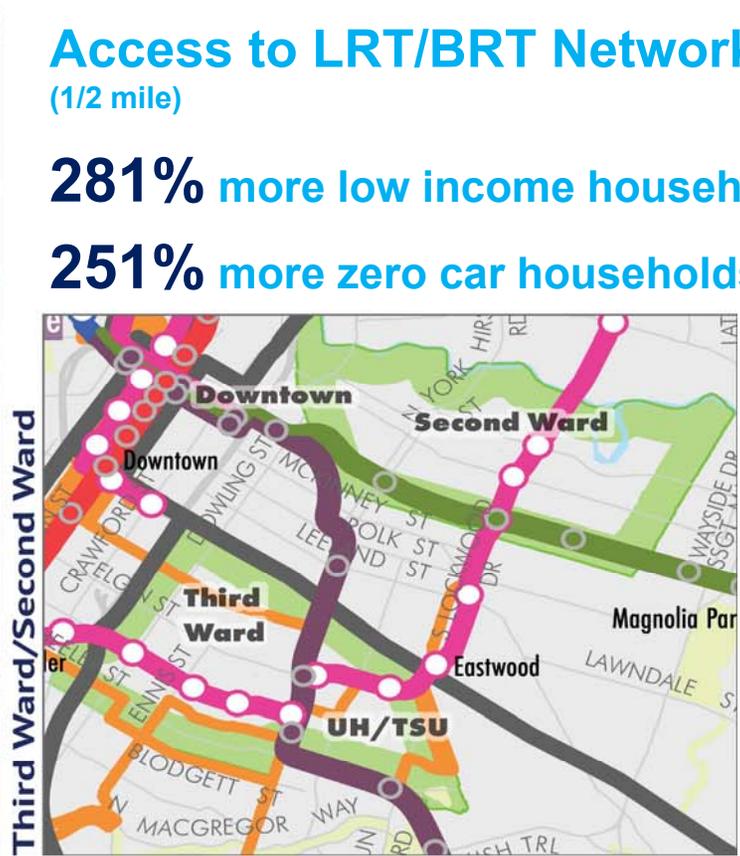
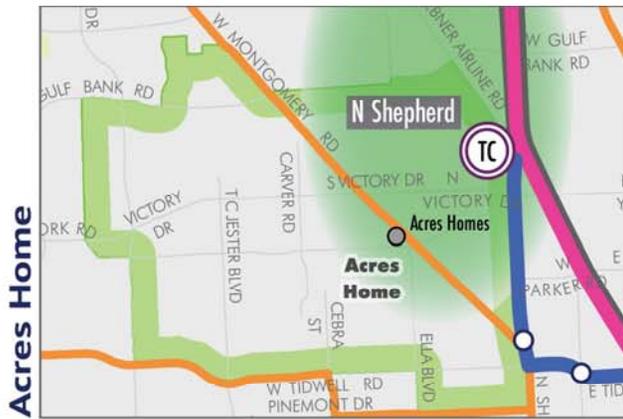
248% more people
61% more jobs



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More Connections

Better Service to Complete Communities



Access to LRT/BRT Network
(1/2 mile)

281% more low income households

251% more zero car households

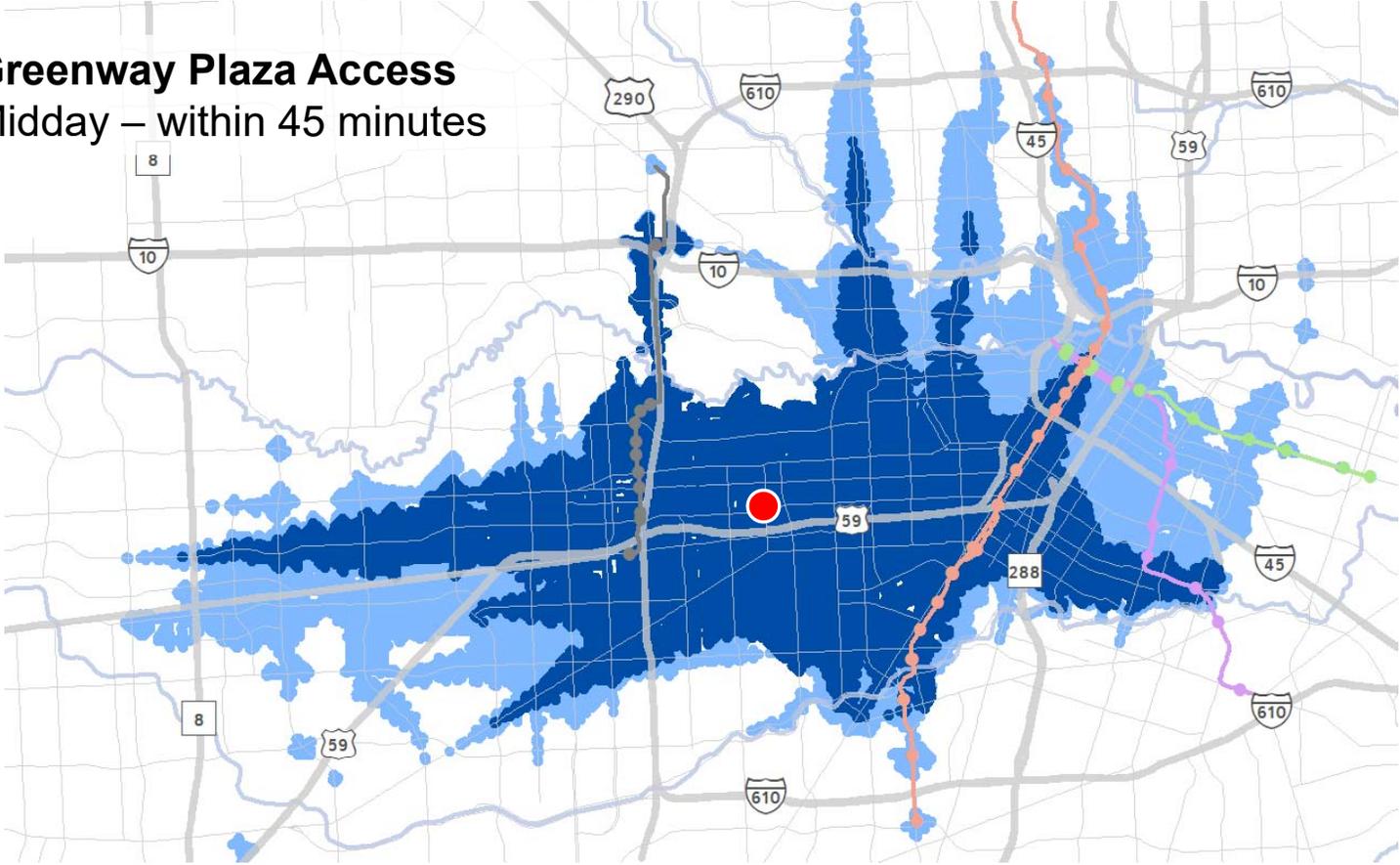


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More Connections

Access to Opportunity

Greenway Plaza Access
Midday – within 45 minutes



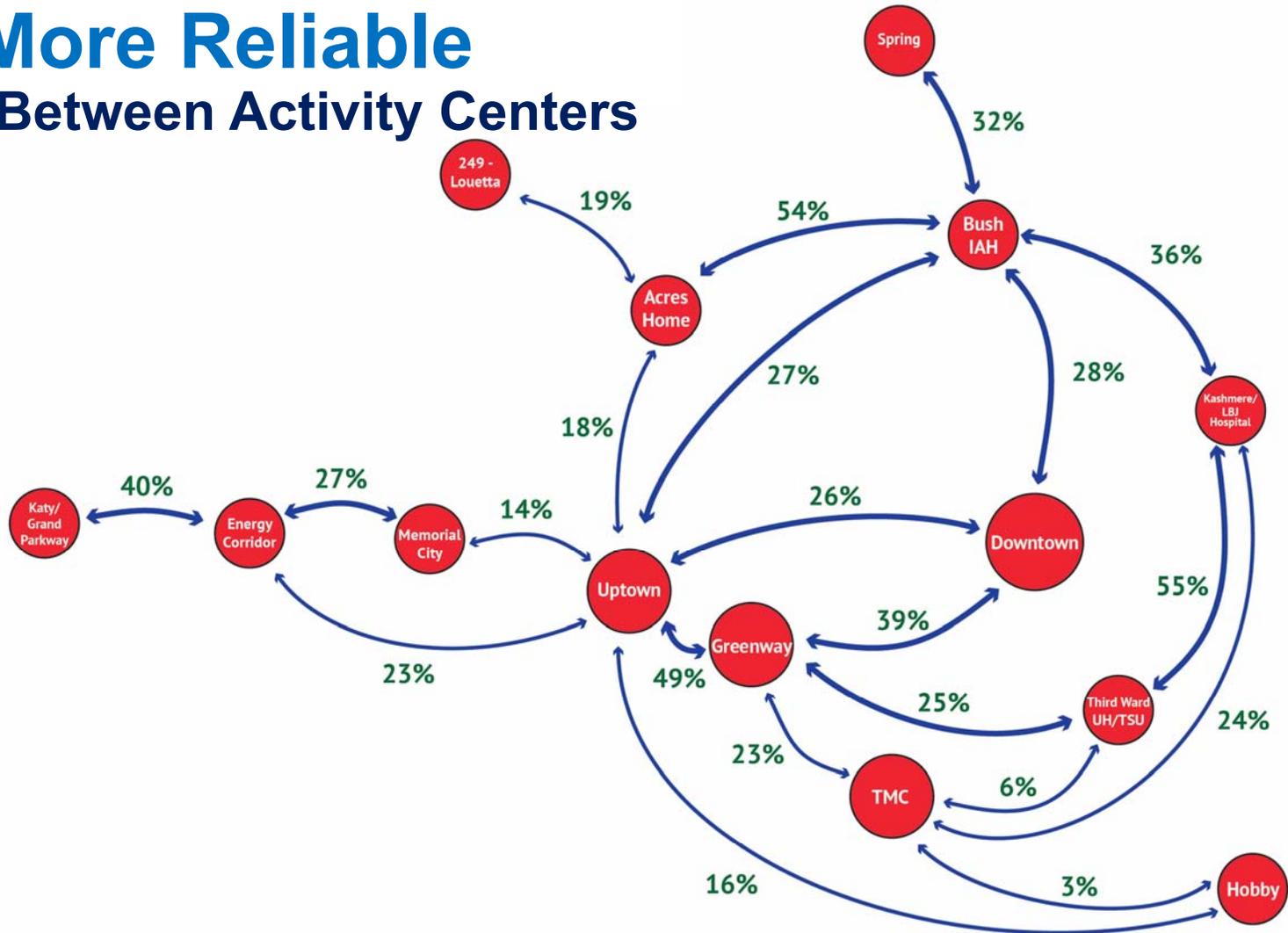
Plan A Plus
provides
82% more people
and
66% more jobs
with convenient all
day access to/from
Greenway Plaza



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Faster & More Reliable

Shorter Trips Between Activity Centers



Travel Time Improvements



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Better Customer Experience



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Innovative Solutions



Public Involvement Plan – Phase 2

- Update to METRO Employees
- Update to Phase 1 Participants
- Engage Elected Officials
- Convene Community Involvement Committee
- Engage Technical Advisory Committee
- Host Public Meetings
- Host Virtual Online Public Meetings
- Host Telephone Town Halls
- Employ Social / Traditional Media
- Activate Speakers Bureau
- Ongoing Community Events / Meetings

