



METRO's REGIONAL TRANSIT PLAN

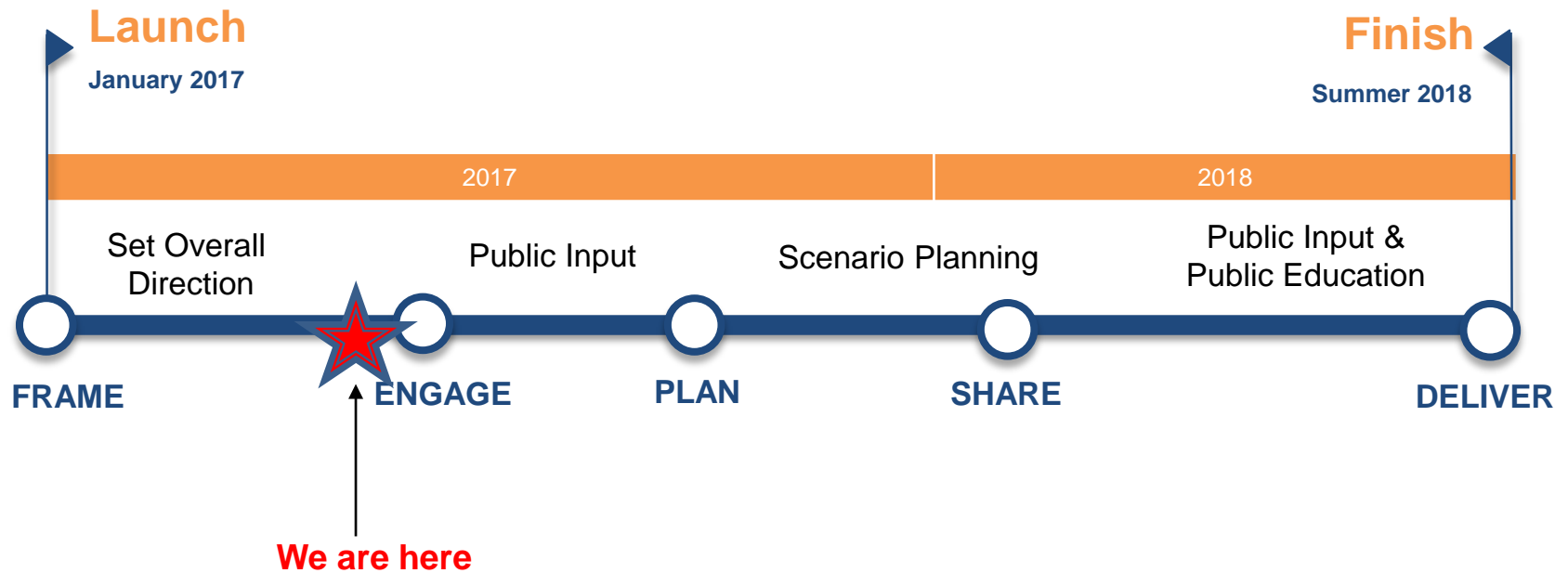
Progress Update

May 25, 2017

AGENDA

- Milestone schedule
- Progress
- Framing the need
 - Regional trends
 - Key findings
- Project evaluation process
 - Universe of projects
 - First tier evaluation
- Upcoming public involvement events

FIVE PHASES

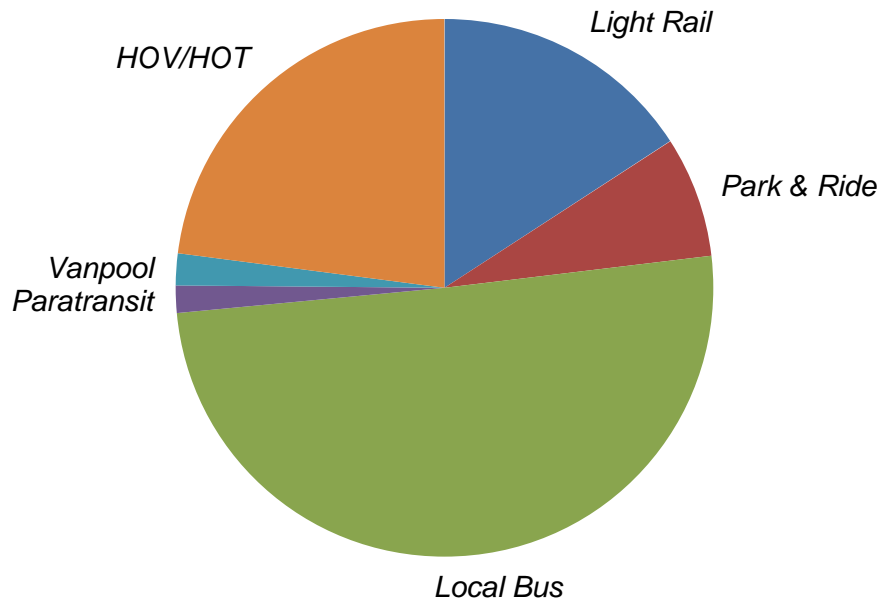


PROGRESS

- METRO Chair and Board member meetings with employees
- Existing & forecast conditions and needs analysis completed
- Preparation for public involvement and technical advisory stakeholder committees underway
- Preparation for June public meetings underway

WHERE IS METRO TODAY?

116 Million System Ridership 2016



Source: METRO 2016 Ridership Report

One of only four urban transit agencies to show an increase in bus ridership nationally

Red Line is one of the nation's most traveled lines based on boardings per track mile

WHAT IS THE 2040 FORECAST?



will pass



as the
3rd largest
city in U.S



9.6 million
people
in region



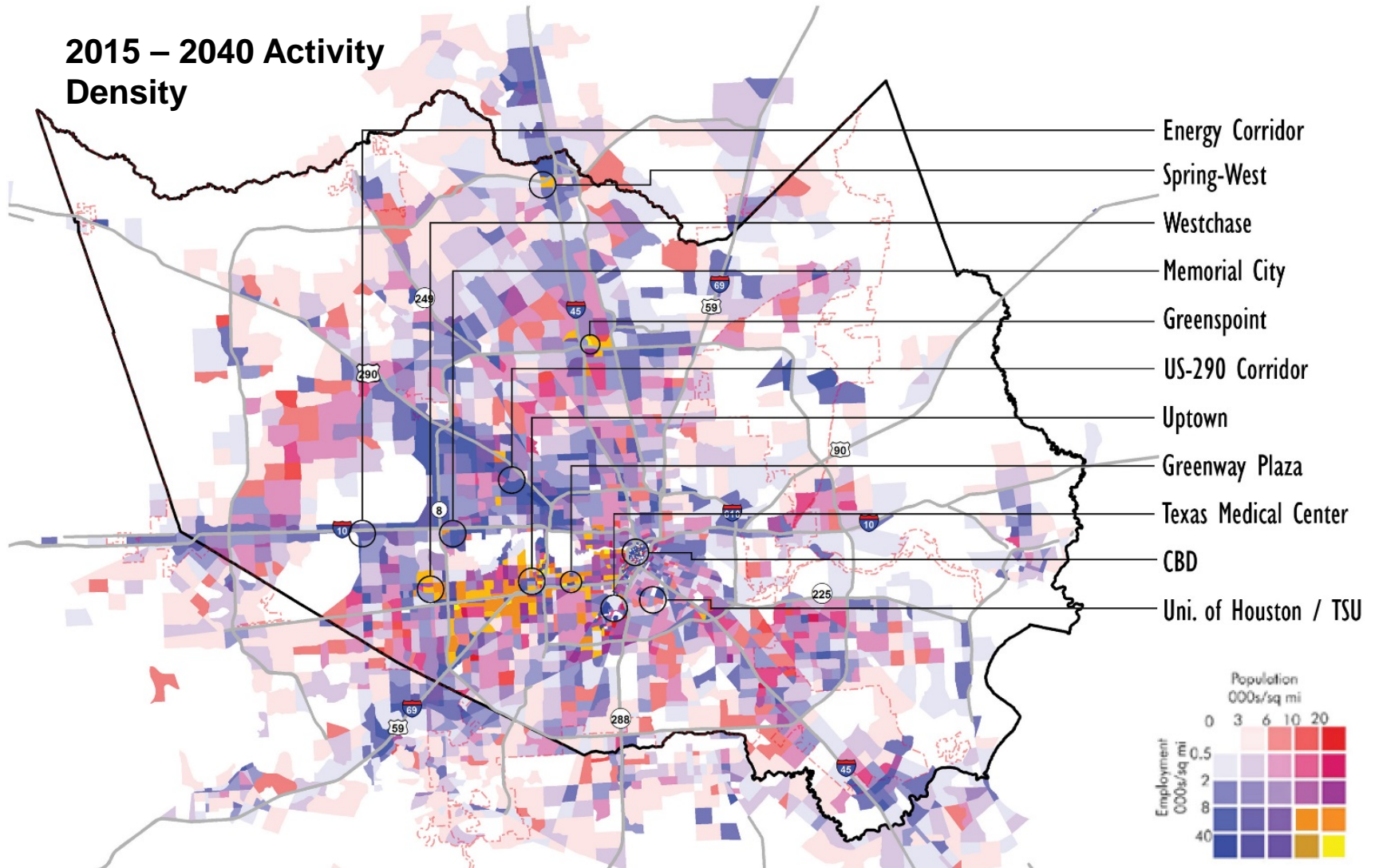
4.2 million
jobs
in region



↑ 50%
population
in service area

WHAT DOES IT MEAN?

2015 – 2040 Activity Density








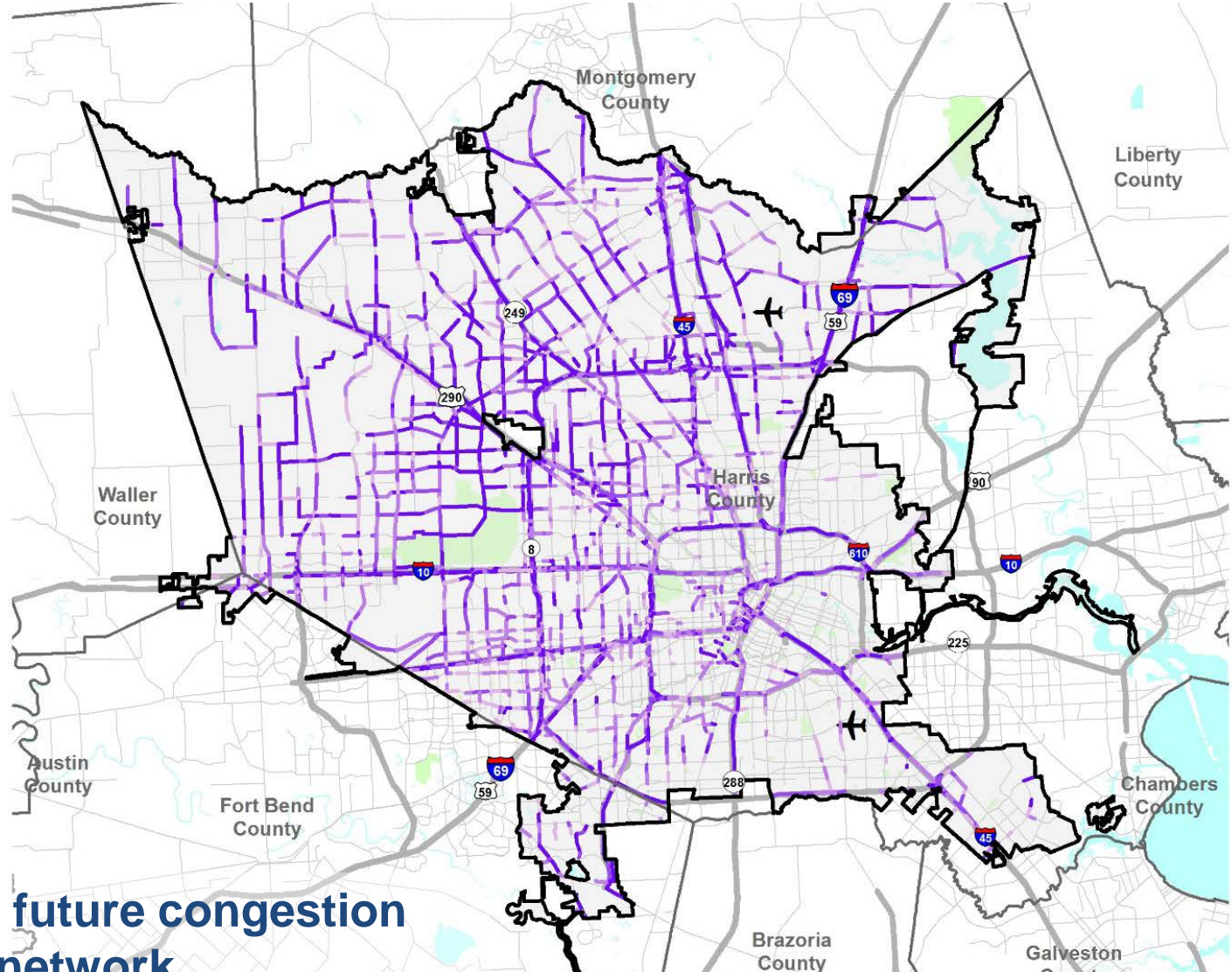
Source: H-GAC Population and Employment Forecasts, 2016

**Increased densities within urban core and high growth areas
in north, west and southwest**

WHAT ABOUT TRAVEL?



-  Metro Service Area
- 2040 AM Congestion (based on V/C ratio)**
-  Slow Down
 -  Congested
 -  Very Congested
 -  Extremely Congested



**Existing and future congestion
on roadway network**

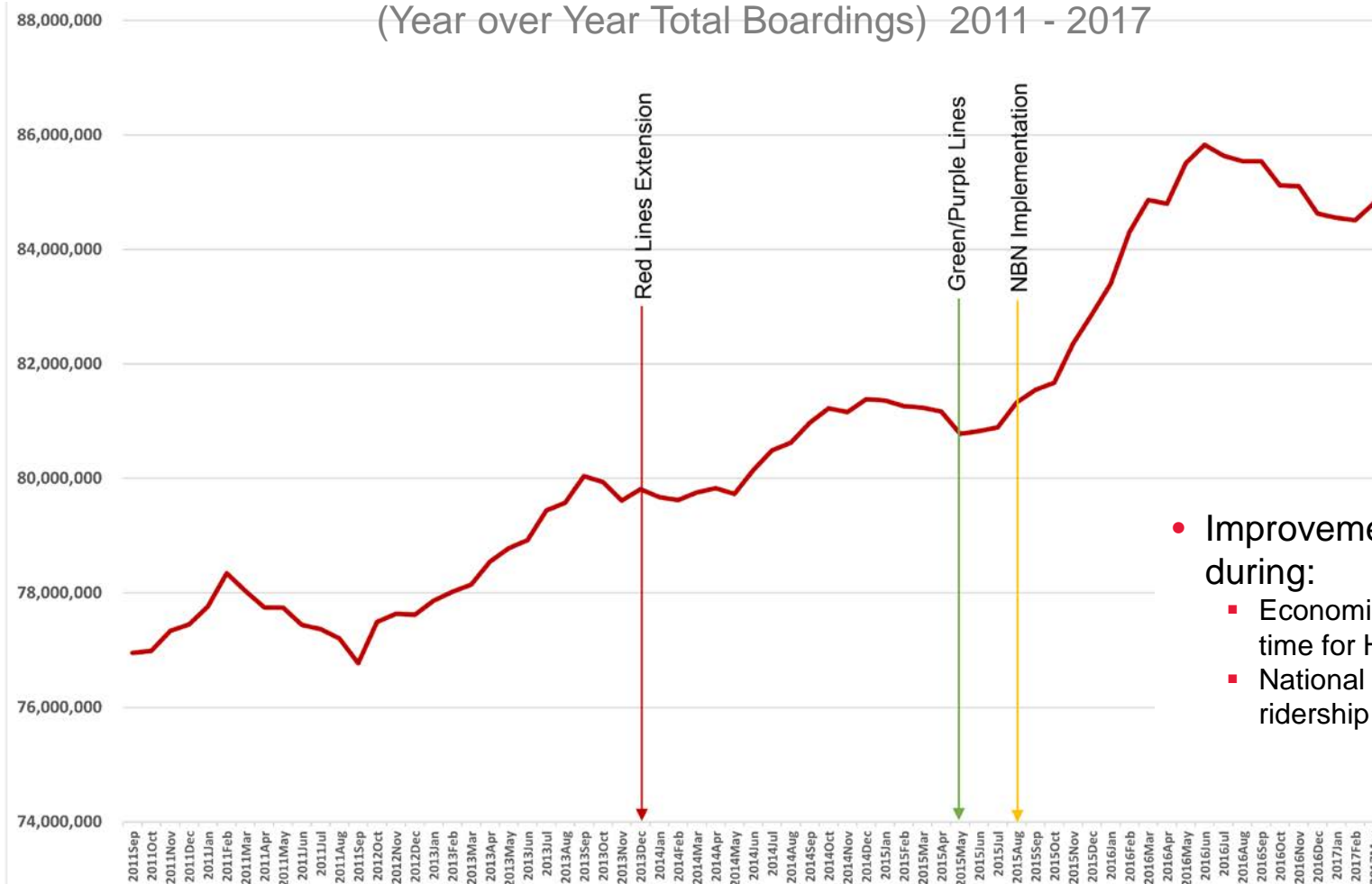
Source: H-GAC Travel Demand Model

WHAT HAVE WE LEARNED?

WHERE ARE OUR OPPORTUNITIES?

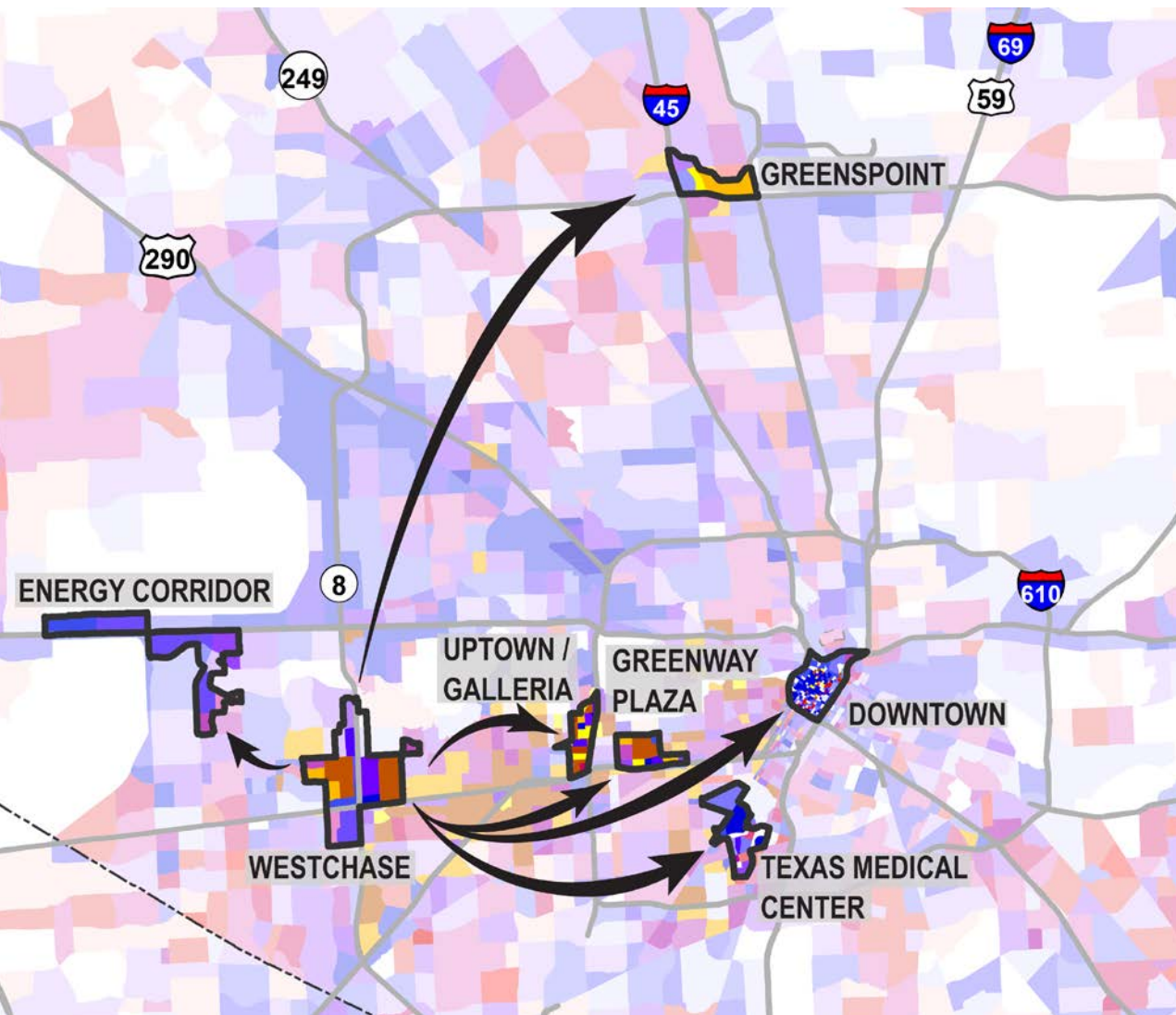
COORDINATED SYSTEM-LEVEL INVESTMENTS HAVE IMPROVED PERFORMANCE

METRO System Ridership for Local Bus, Rail and Park & Ride
(Year over Year Total Boardings) 2011 - 2017

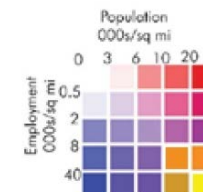


- Improvements occurred during:
 - Economically challenging time for Houston
 - National declines in bus ridership

IMPROVE TRAVEL TIMES BETWEEN ACTIVITY CENTERS

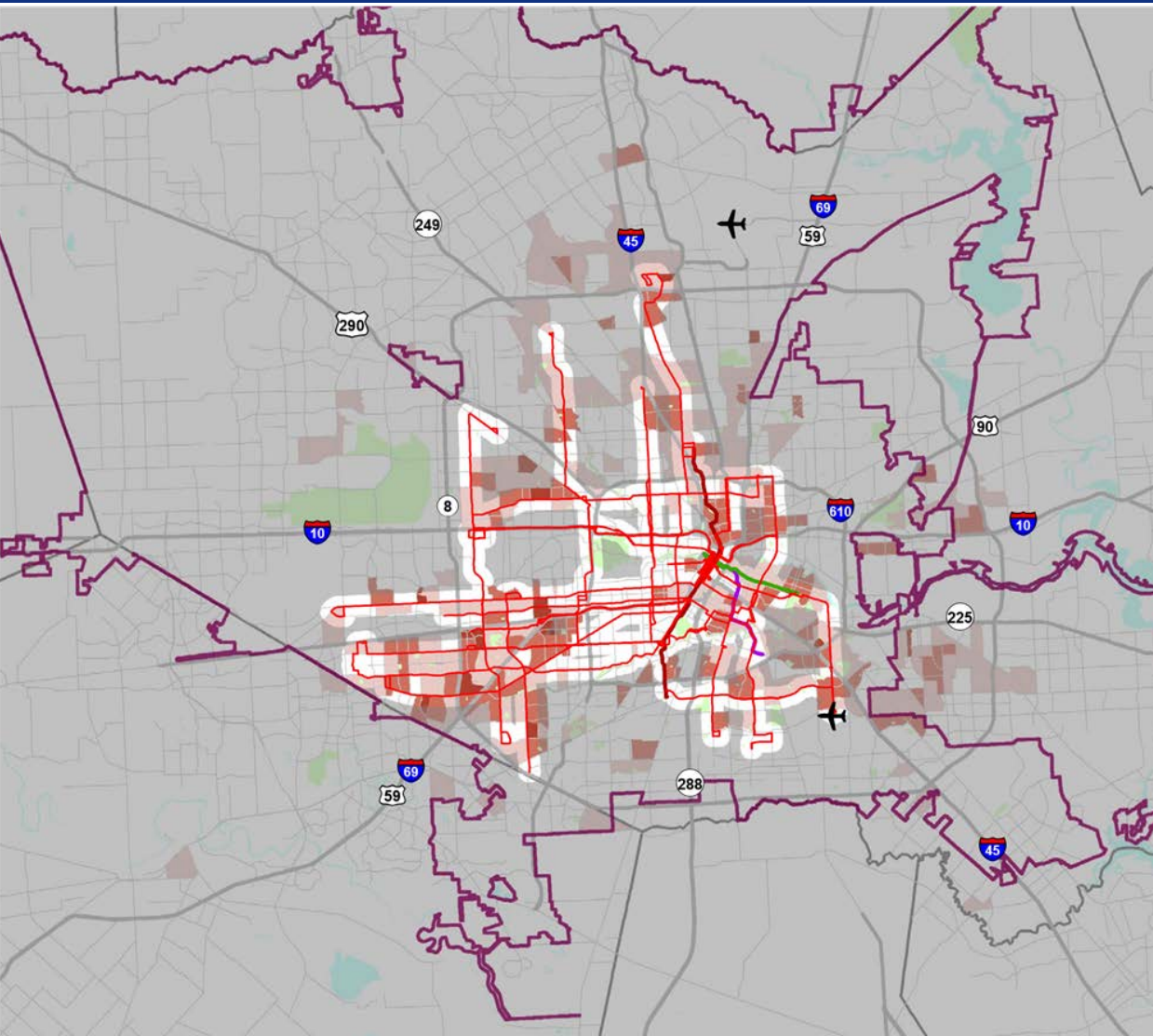


- 1/3 of bus and rail boardings occur within major activity centers
- Direct service between activity centers will reduce travel times

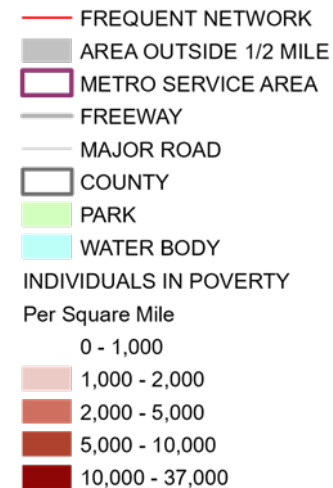


Source: H-GAC Population and Employment Forecasts, 2016

EXTEND FREQUENT NETWORK FOR FASTER, MORE RELIABLE COVERAGE TO MORE PEOPLE AT MORE TIMES OF DAY

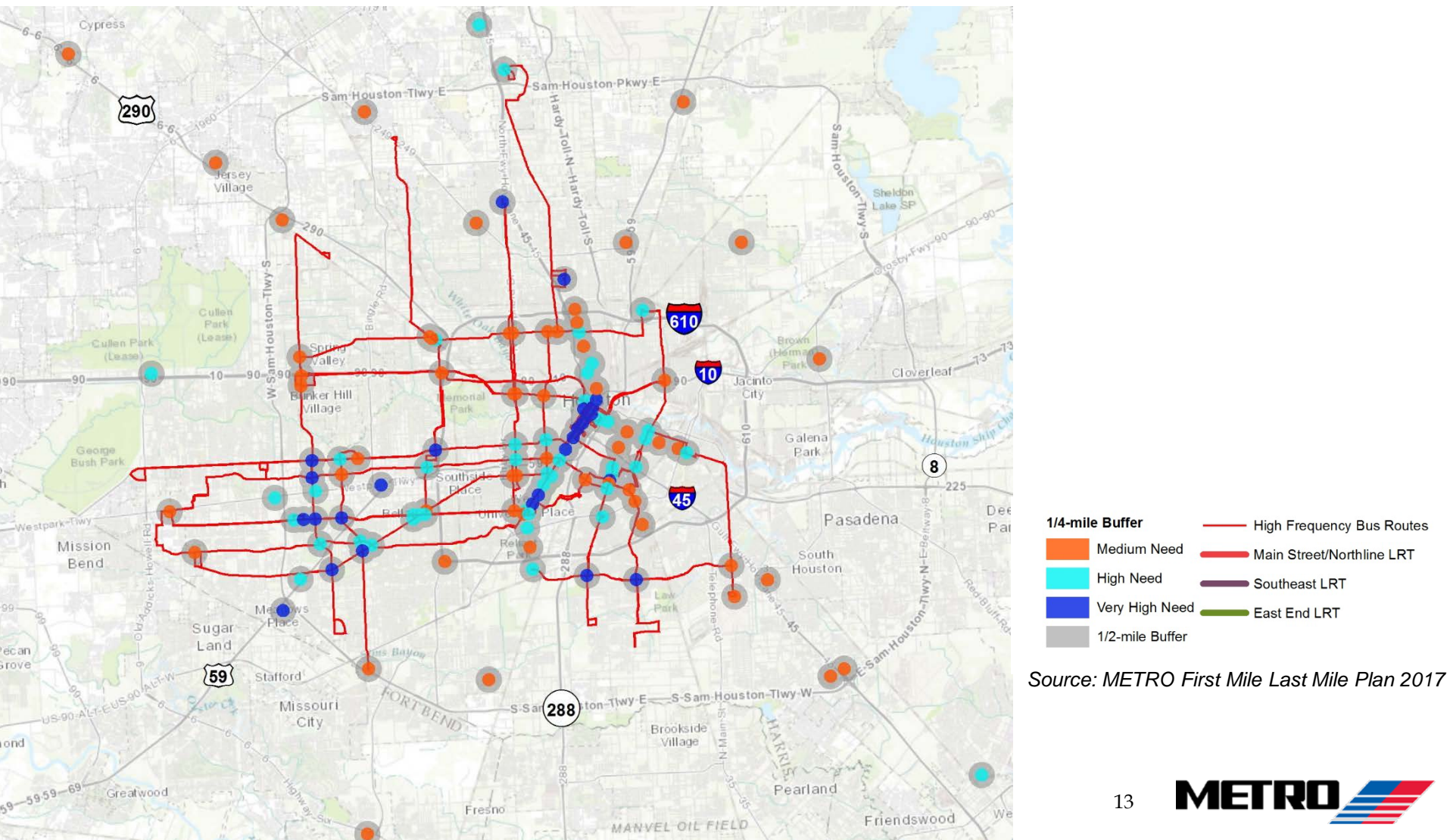


Frequent Network Access and Poverty Density

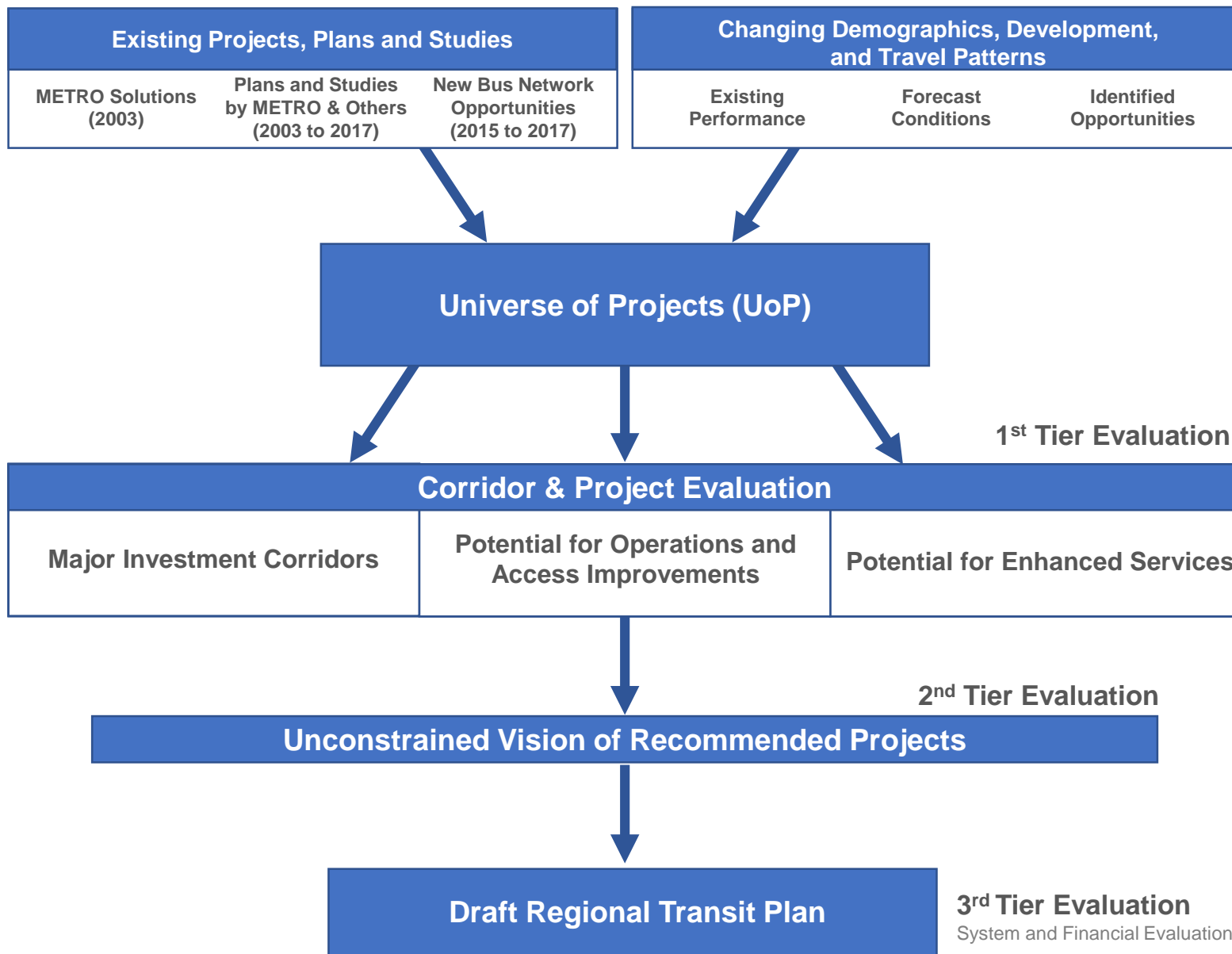


Source: METRO Frequent Network,
2015 Census

TRANSIT NODES AND FIRST AND LAST MILE CONNECTIONS ARE RELATIVELY LOW INVESTMENTS WITH HIGH RETURNS

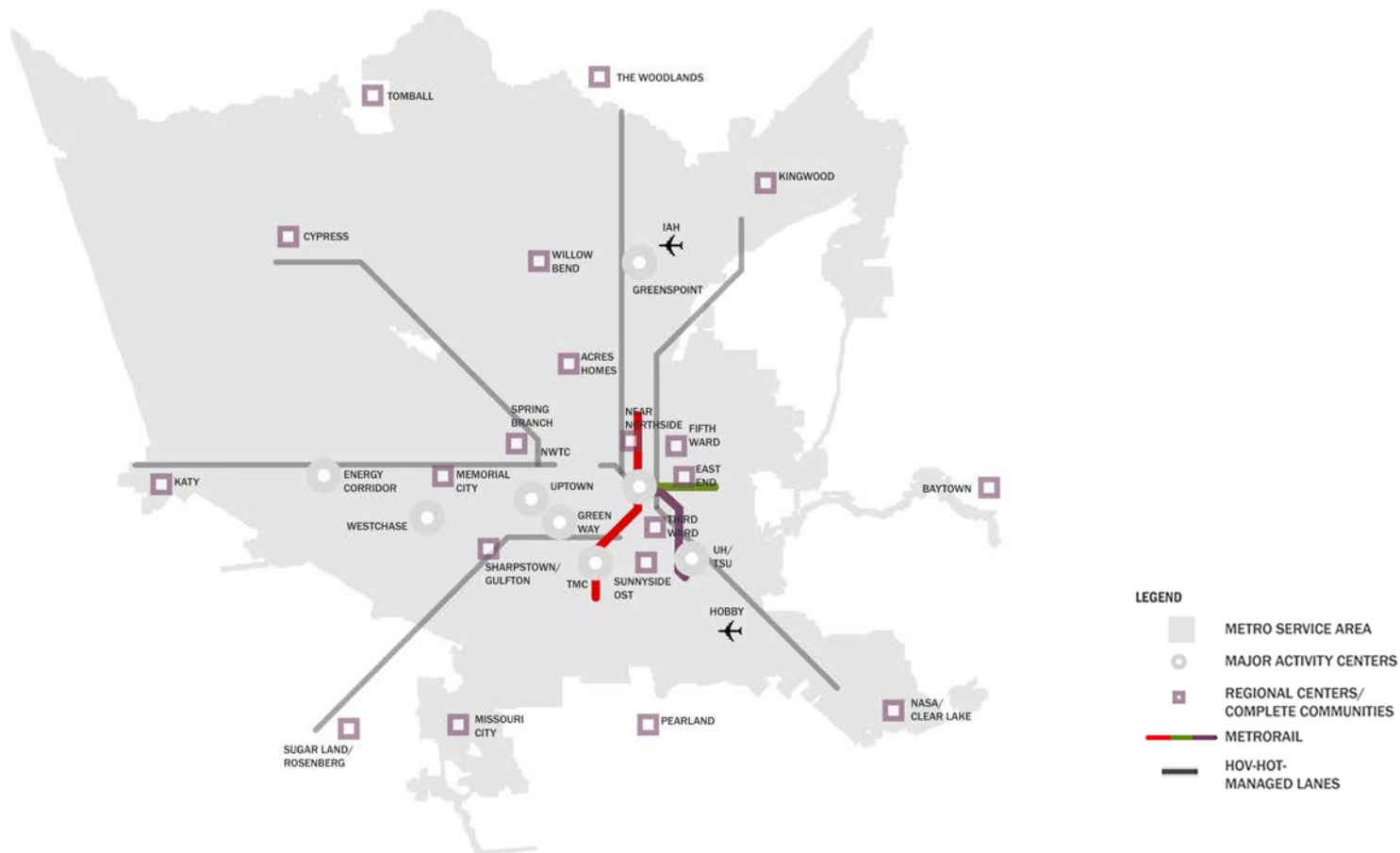


PLAN DEVELOPMENT PROCESS

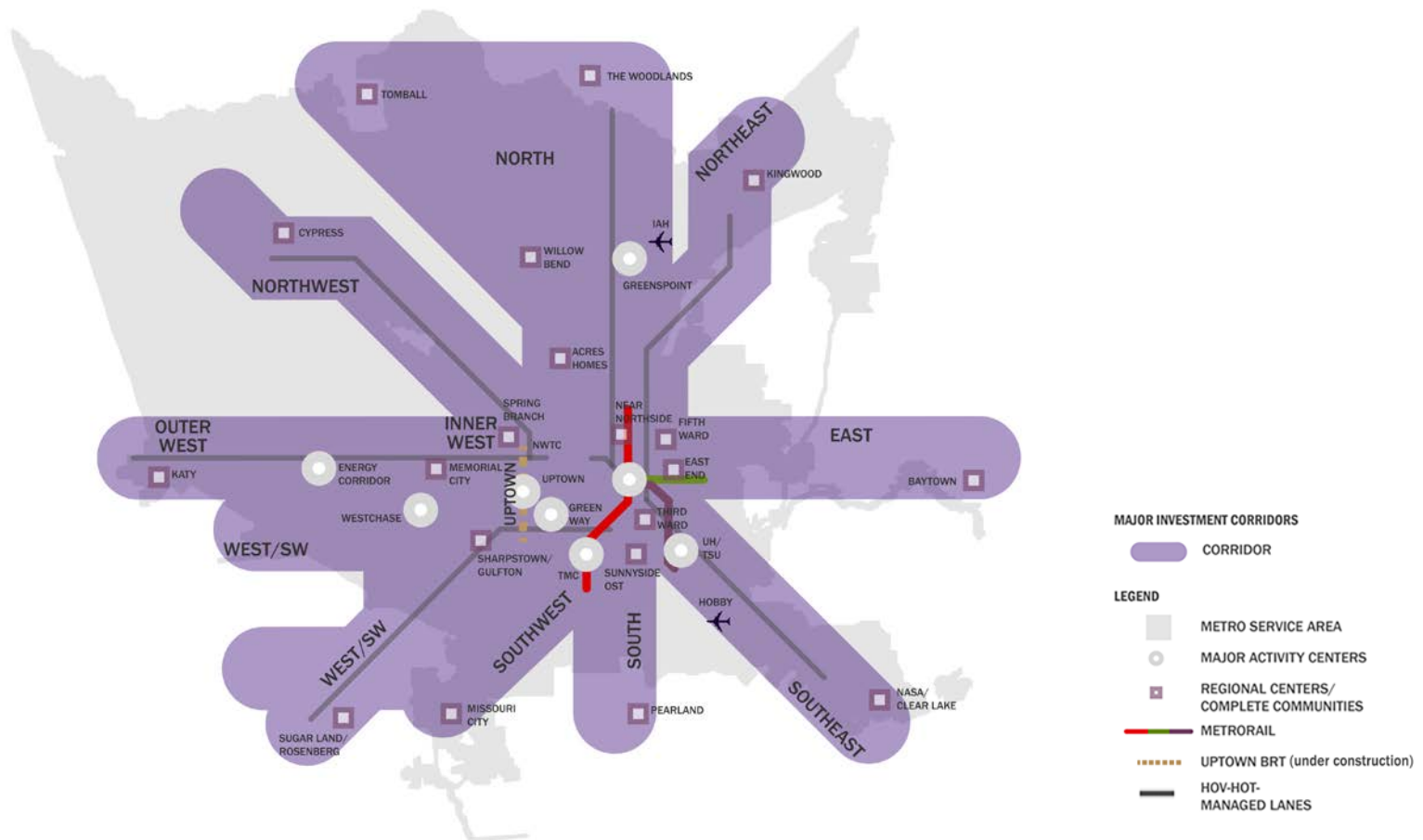


EXISTING SYSTEM

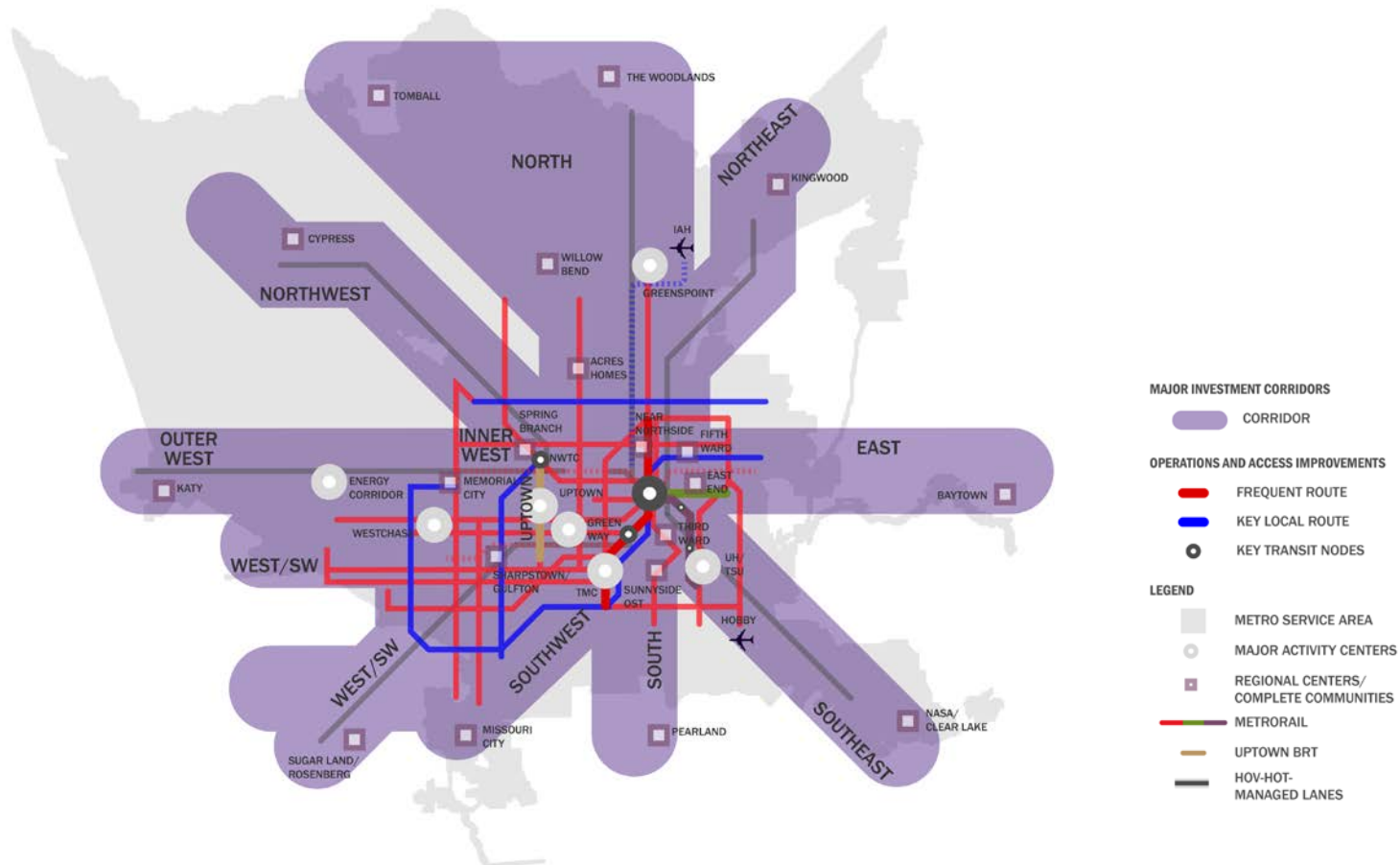
METRORail and HOV-HOT-Managed Lanes



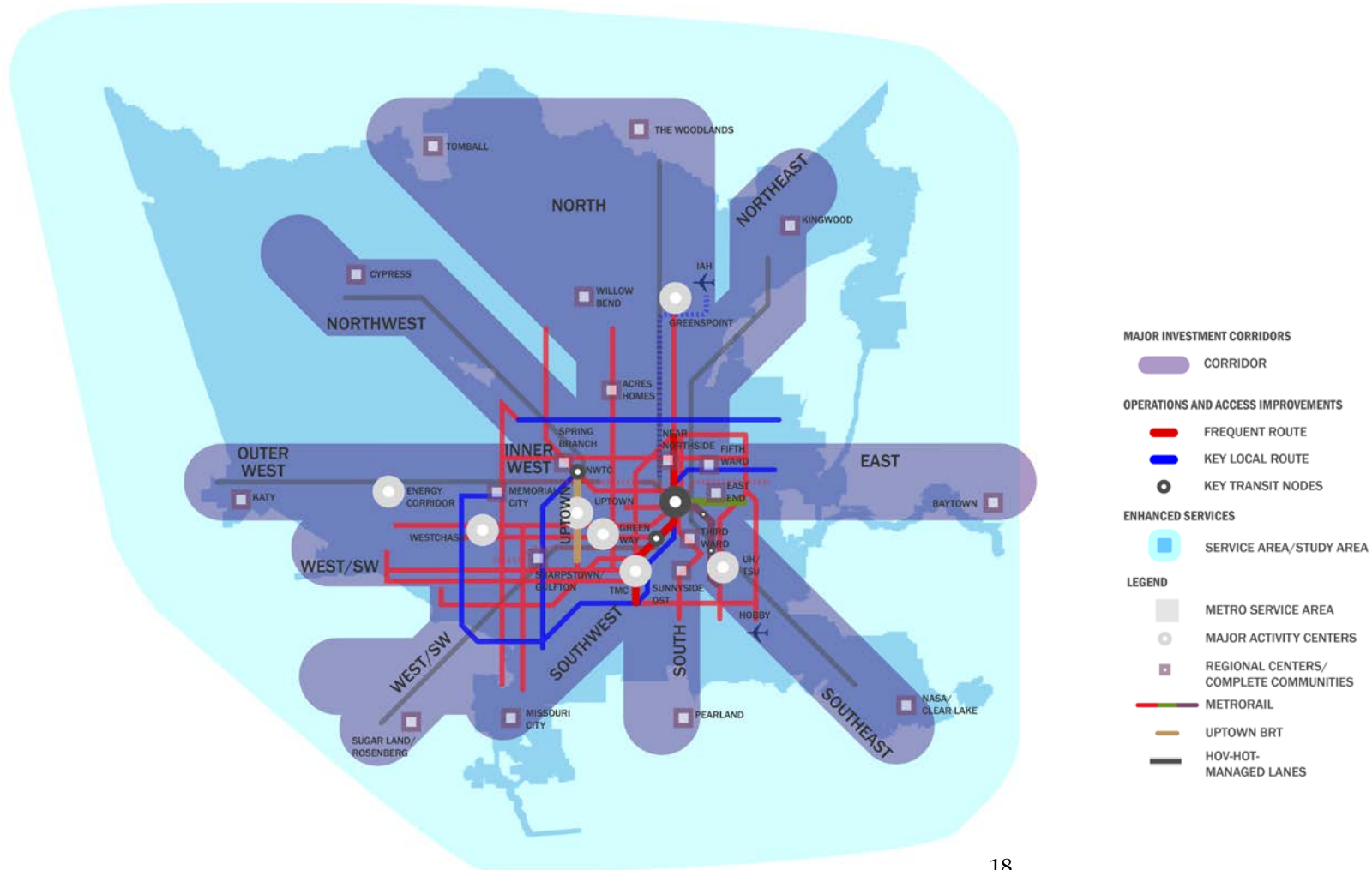
MAJOR INVESTMENT CORRIDORS



POTENTIAL FOR OPERATIONS AND ACCESS IMPROVEMENTS



POTENTIAL FOR ENHANCED SERVICES



PUBLIC INVOLVEMENT

- Public meetings
 - Open house format
 - Anticipated Summer 2017
 - Present findings from existing conditions and forecast analysis
 - Solicit ideas for METRO's next capital projects
- Initial meetings with technical stakeholders
 - Includes Harris County, Texas Department of Transportation, City of Houston, Houston-Galveston Area Council
- Web site is live: www.ridemetro.org