



METRONext Business Now

February 20, 2020

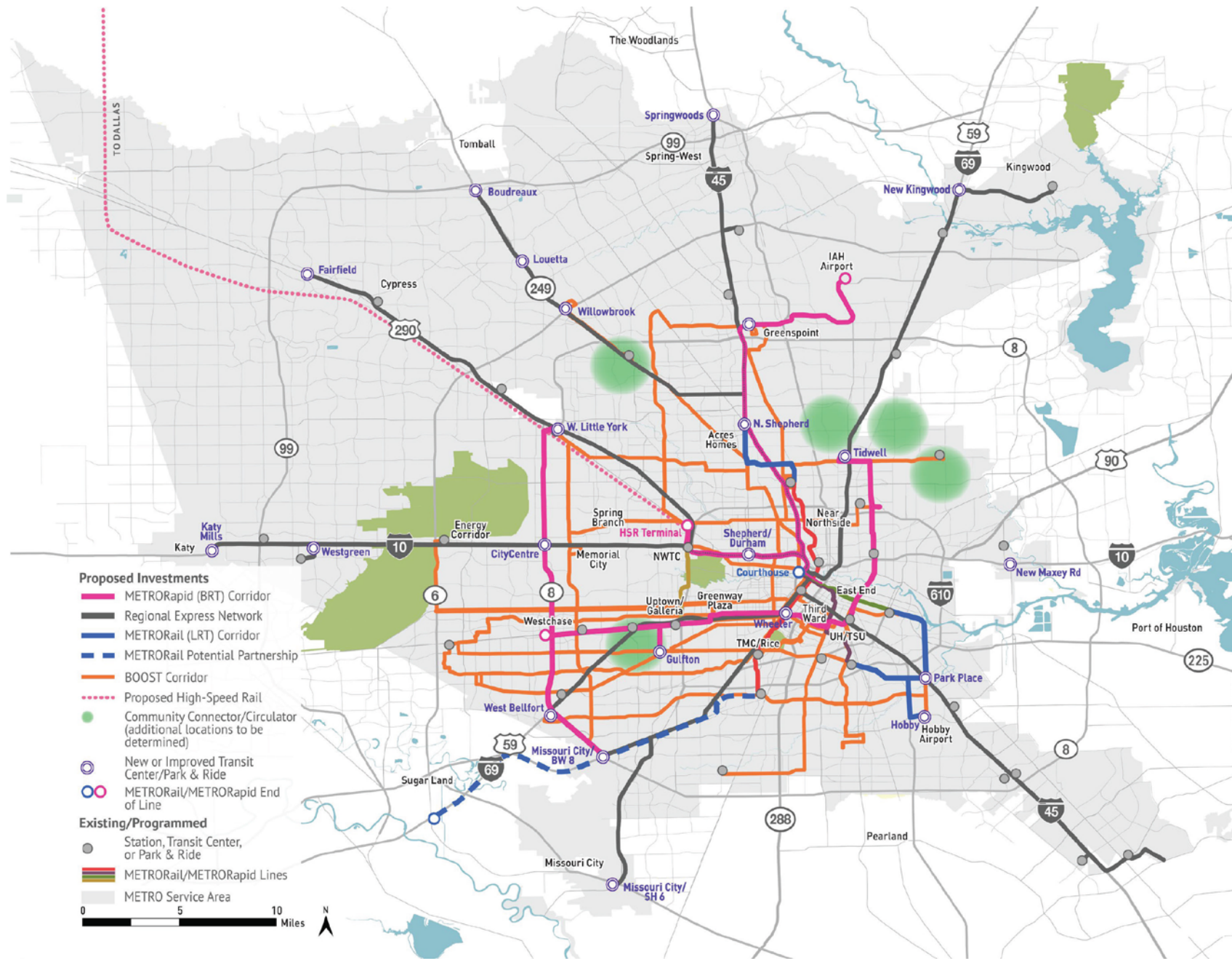


METRONext Moving Forward Plan

\$7.5B program over 20 years

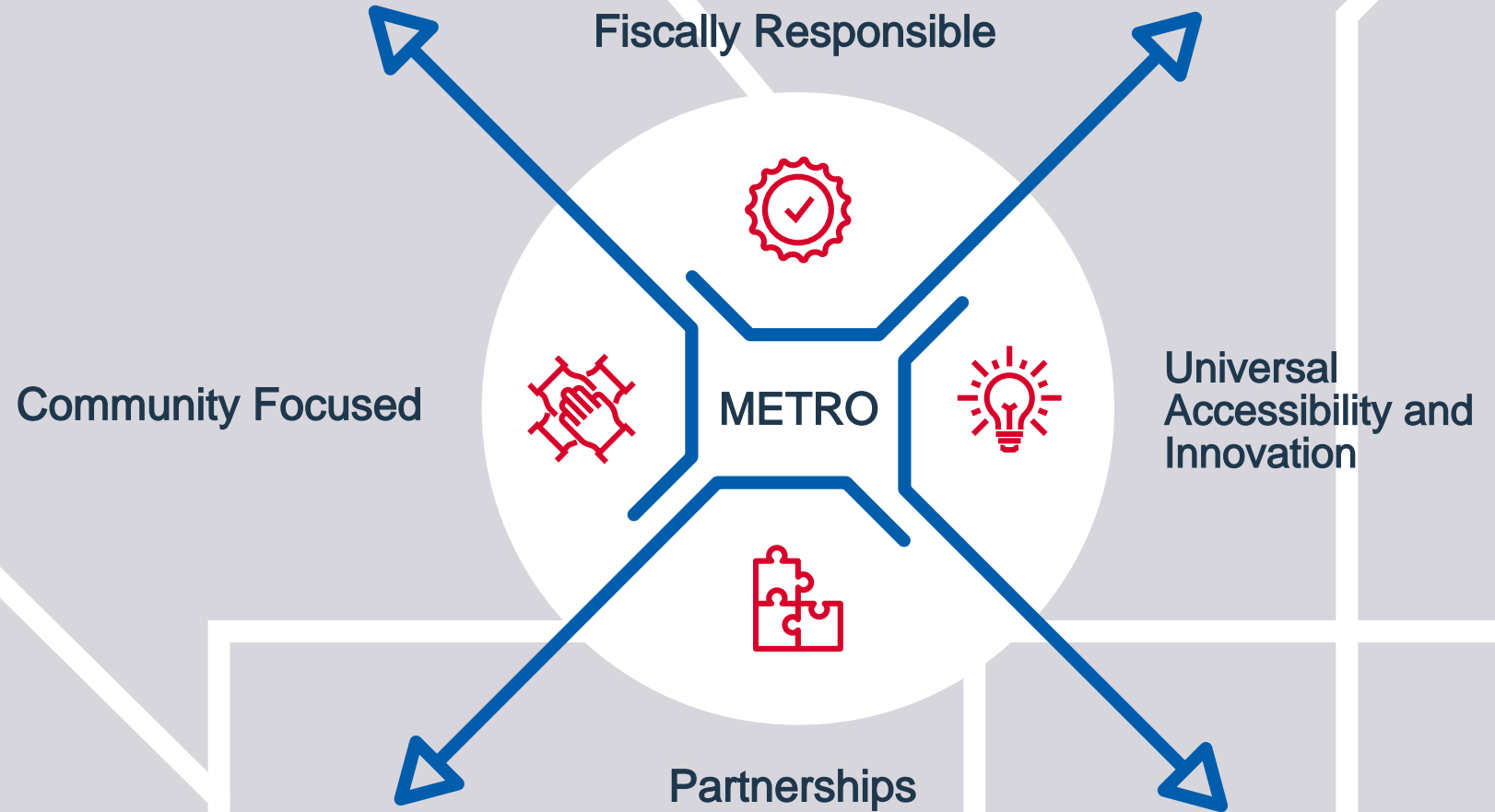
Program Goals:

- ▶ Improved Mobility and Connectivity
 - Serve more people and more places
 - Provide service that is faster, more reliable and more often
- ▶ Better Access and Customer Experience
 - Universal Access
- ▶ Innovation in Services



Note: During the course of the implementation of METRONext, exact routes of the METRORapid and METRORail connections shown above will only be decided and finalized after an extensive community involvement process.

METRONext Delivery



Next steps: Implementing METRONext

100+
Prime contract
opportunities



Moving Forward Plan — Phase 1
Work Package Structure

**METRO Project
Management Team**

Program Management Team – PMT
(Integrated team of METRO and Program Management Consultant - PMC)

**METRORapid
University
Corridor BRT
Line**

**METRORapid
Inner Katy
Corridor BRT
Line**

**METRORapid
IH-45 North to
IAH Corridor
BRT Line**

**METRORail
Green/Purple
Lines to
Courthouse**

**METRORail
Green/Purple
Ext. to Hobby
Airport**

**Regional
Express/Park &
Ride
Reimagining**

Moving Forward Plan — Phase 1
Work Package Structure

**METRO Project
Management Team**

Program Management Team – PMT
(Integrated team of METRO and Program Management Consultant - PMC)

Missouri City
Park & Ride

**BOOST
Network**

Universal
Accessibility

Community
Connectors

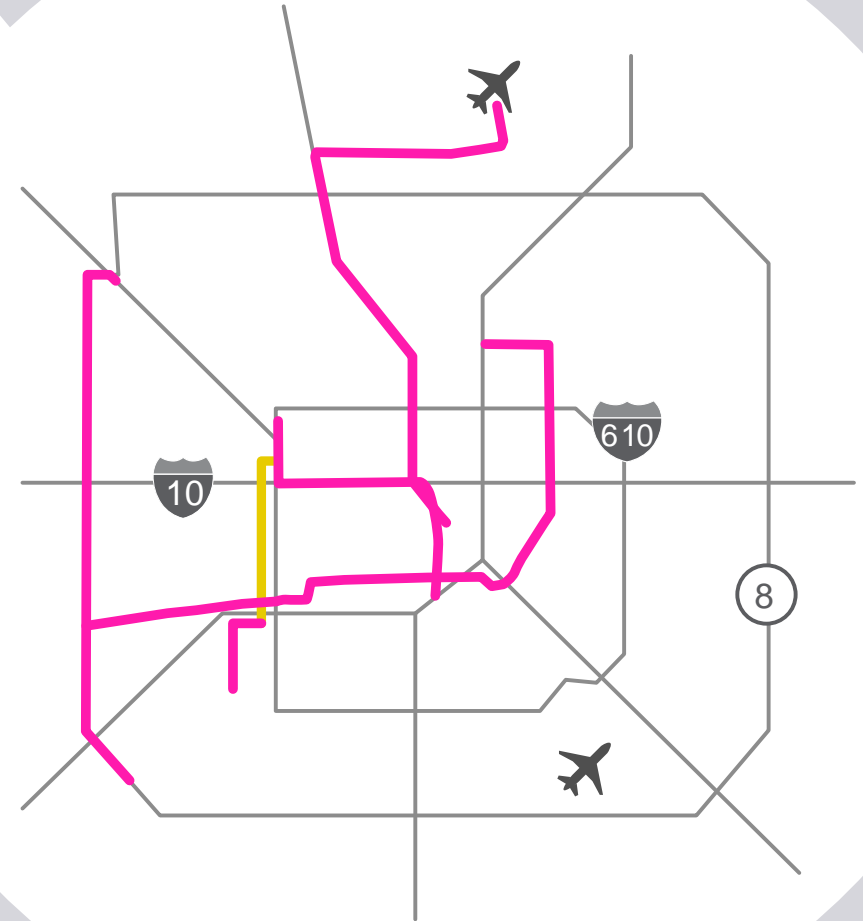
Service
Enhancement

Program/
Project
Support
Services

▶ METRORapid (BRT)

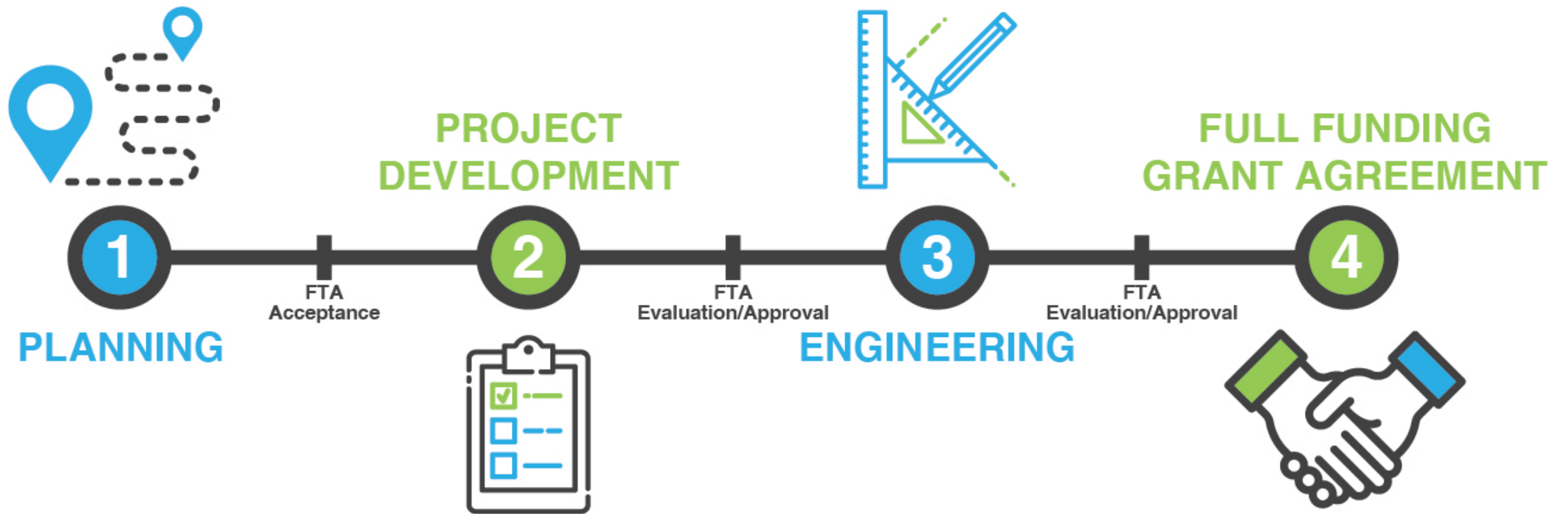
- ▶ Approximately 75 miles of METRORapid service
- ▶ Five new METRORapid corridors

Cost: \$3.23 Billion*



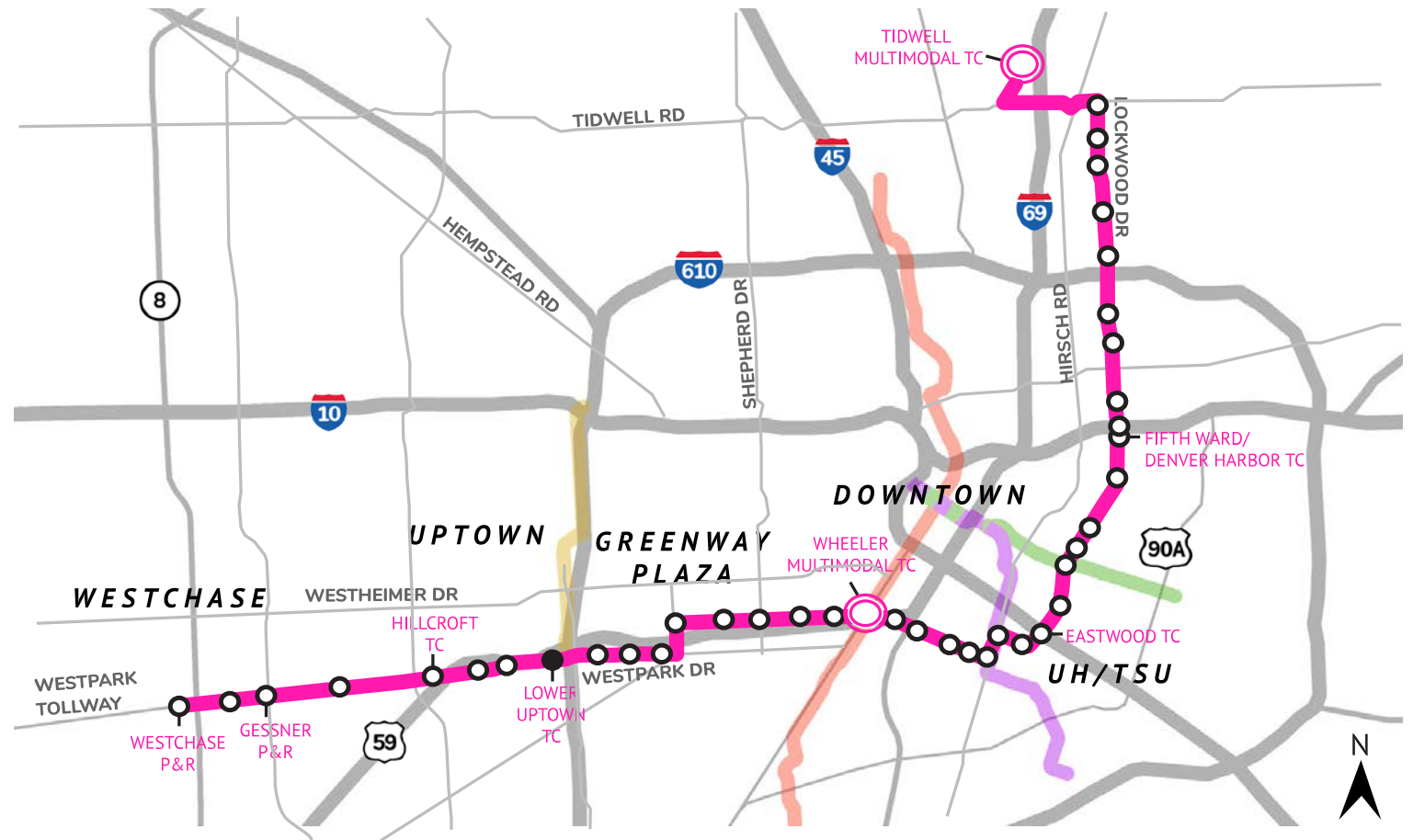
* All costs are estimated in 2017 dollars.

Federal Project Development Process



METRONext Moving Forward Plan

METRORapid University Corridor Between Westchase and Tidwell



Path Forward Activities:

- ▶ Begin Planning/Project Development
- ▶ Selection of General Engineering Contract

Alignments and facilities are not shown to scale and are subject to further study.

PROPOSED PROJECT
 — BUS RAPID TRANSIT (BRT) FACILITY
 — COMMUTER BUS SERVICE
 EXISTING FACILITIES
 ● EXISTING STATION
 — EXISTING LRT/BRT

METRONext Moving Forward Plan

METRORapid University Corridor Between Westchase and Tidwell

5 Line Sections

Each section includes:

- ▶ 1 Civil Design
- ▶ 1 Civil Construction
- ▶ 1 Construction Management



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PROPOSED PROJECT
 ● BUS RAPID TRANSIT (BRT) FACILITY
 — COMMUTER BUS SERVICE
 EXISTING FACILITIES
 ● EXISTING STATION
 — EXISTING LRT/BRT

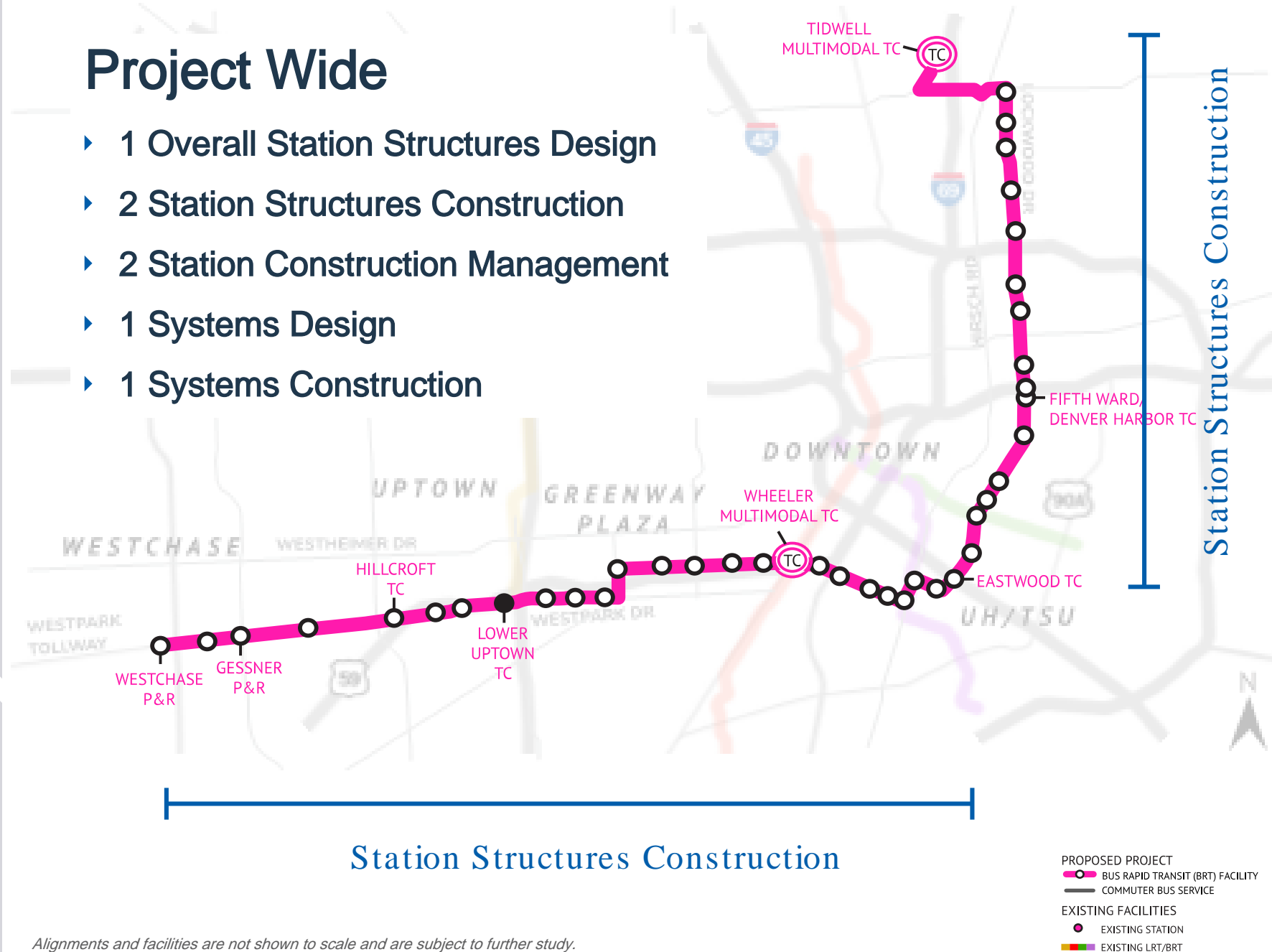
METRONext Moving Forward Plan

METRORapid University Corridor Between Westchase and Tidwell

20+ Contract Opportunities

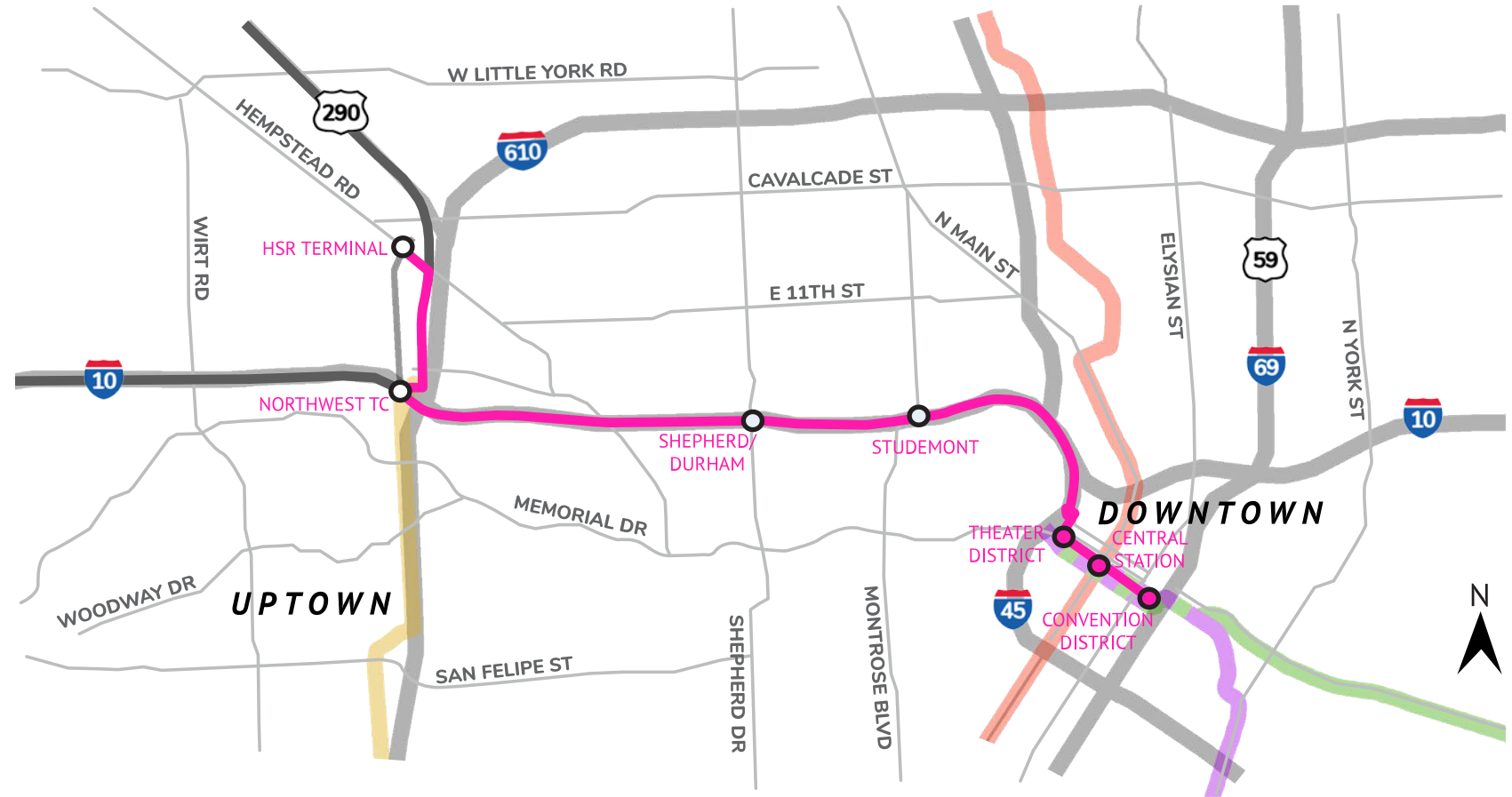
Project Wide

- ▶ 1 Overall Station Structures Design
- ▶ 2 Station Structures Construction
- ▶ 2 Station Construction Management
- ▶ 1 Systems Design
- ▶ 1 Systems Construction



METRONext Moving Forward Plan

METRORapid Inner Katy Corridor to Northwest Transit Center / Proposed High Speed Rail / Uptown



Path Forward Activities:

- ▶ H-GAC Grant
- ▶ Letter of Agreement with TxDOT

Alignments and facilities are not shown to scale and are subject to further study.

PROPOSED PROJECT
 ● BUS RAPID TRANSIT (BRT) FACILITY
 — COMMUTER BUS SERVICE
 EXISTING FACILITIES
 ● EXISTING STATION
 ■ EXISTING LRT/BRT

METRONext Moving
Forward Plan

METRORapid
Inner Katy
Corridor to
Northwest
Transit Center /
Proposed High
Speed Rail /
Uptown



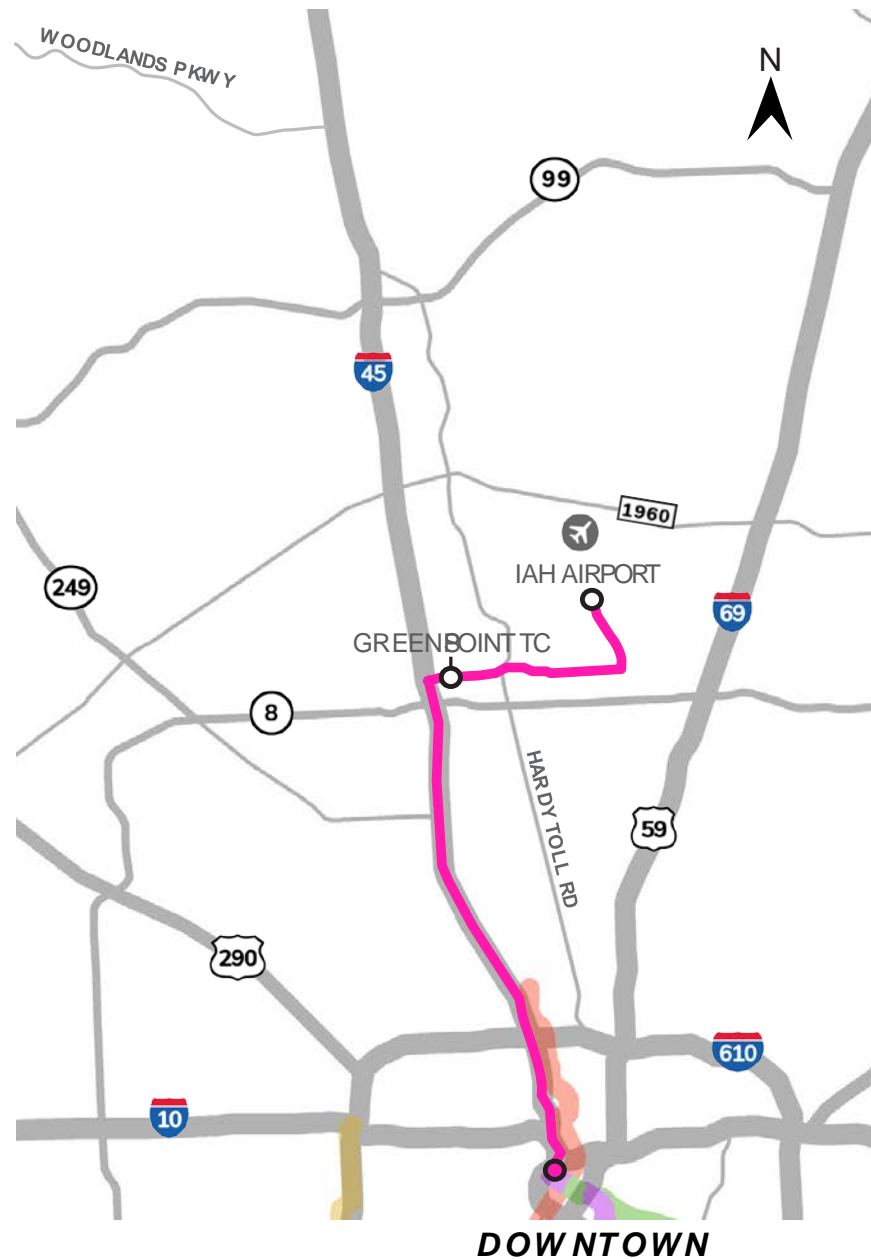
**1 Contract
Opportunity**

► 1 General Engineering Consultant Opportunity

- Scope Coordination
- Joint Schematic Development
 - *Transit Components*
- Public Engagement Support
- FHWA Environmental Coordination
 - *Preliminary Engineering/Environmental*
- Design Coordination
- Construction Management Oversight

METRONext Moving Forward Plan

METRORapid IH 45 North to IAH Airport and Greenspoint



PROPOSED PROJECT

- BUS RAPID TRANSIT (BRT) FACILITY
- COMMUTER BUS SERVICE

EXISTING FACILITIES

- EXISTING STATION
- EXISTING LRT/BRT

Alignments and facilities are not shown to scale and are subject to further study.

METRONext Moving
Forward Plan

METRORapid
IH 45 North to
IAH Airport and
Greenspoint



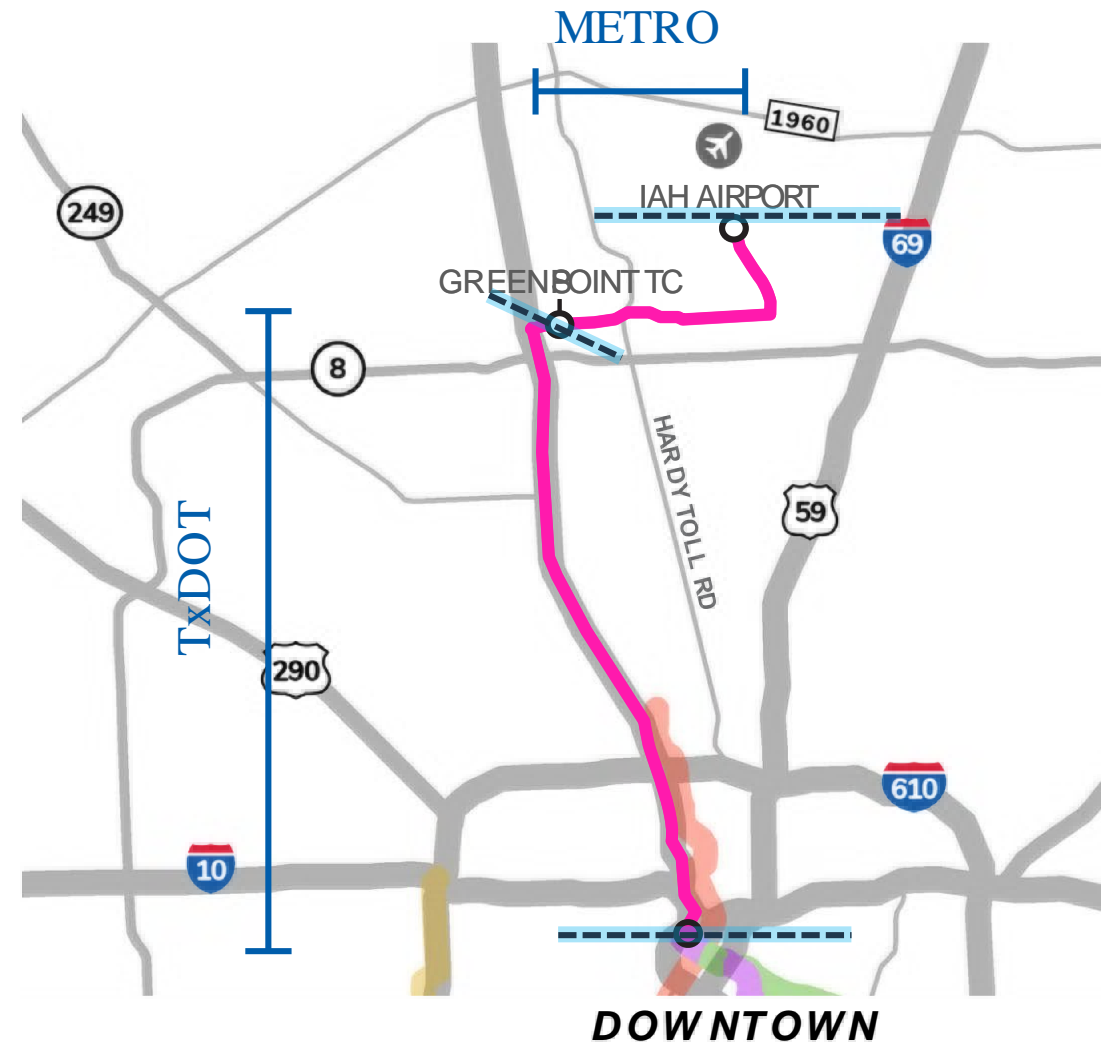
Immediate Need (2020):

- ▶ 1 General Engineering Consultant Opportunity
 - NHHIP Design Support
 - IH 45 BRT Concept Development
 - LRT Conceptual Design Support

METRORapid IH 45 North to IAH Airport and Greenspoint

13 Contract Opportunities

- ▶ 4 Design
- ▶ 4 Construction
- ▶ 4 Construction Management
- ▶ 1 System Design

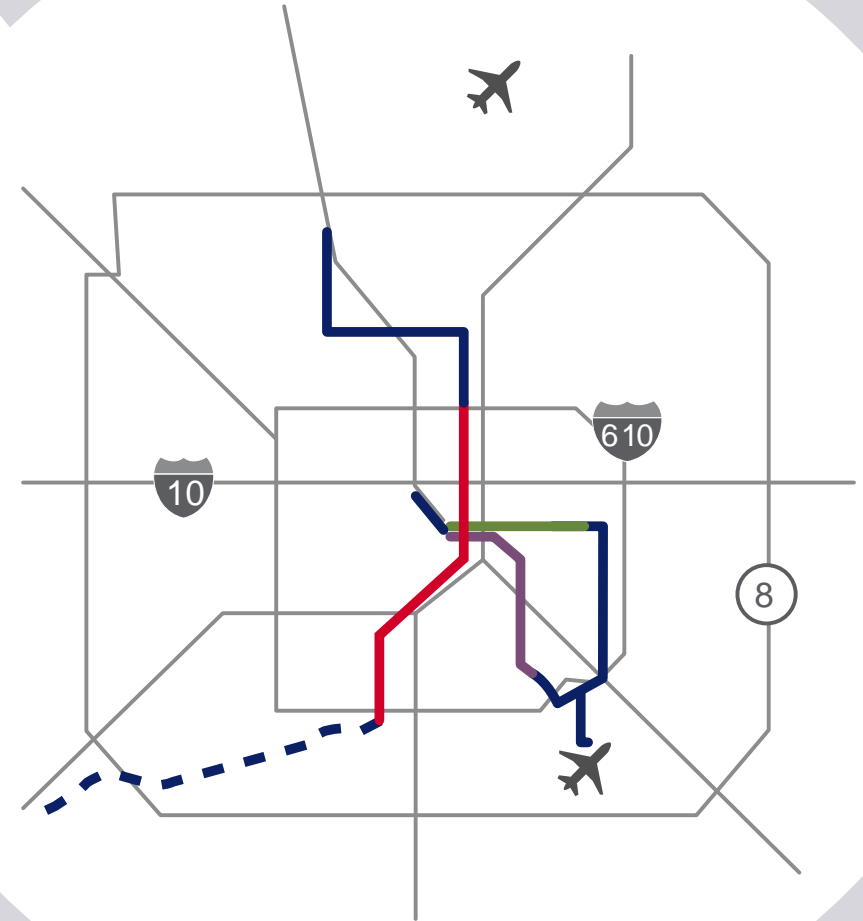


Alignments and facilities are not shown to scale and are subject to further study.

▶ METRORail (LRT)

- ▶ Approximately 16 miles of METRORail extensions
- ▶ Four new extensions + one partnership project

Cost: \$2.10 Billion*



* All costs are estimated in 2017 dollars.

METRONext Moving Forward Plan

METRORail Extensions of Green and Purple Lines to the Municipal Courthouse



Alignments and facilities are not shown to scale and are subject to further study.

- PROPOSED PROJECT**
- LIGHT RAIL TRANSIT (LRT) FACILITY
- EXISTING FACILITIES**
- EXISTING STATION
 - EXISTING LRT/BRT

**METRONext Moving
Forward Plan**

**METRORail
Extensions of
Green and
Purple Lines to
the Municipal
Courthouse**



**5 Contract
Opportunities**

Path Forward Activities:

- ▶ **Streamlined Project Development**
 - City of Houston Coordination
 - Limited Federal Coordination
 - State Environmental
 - Final Locally Preferred Alternative

Anticipated Opportunities:

- ▶ **1 Final Design – Civil**
- ▶ **1 Design - Systems**
- ▶ **1 Construction – Civil**
- ▶ **1 Construction - Systems**
- ▶ **1 Construction Management**

METRONext Moving Forward Plan

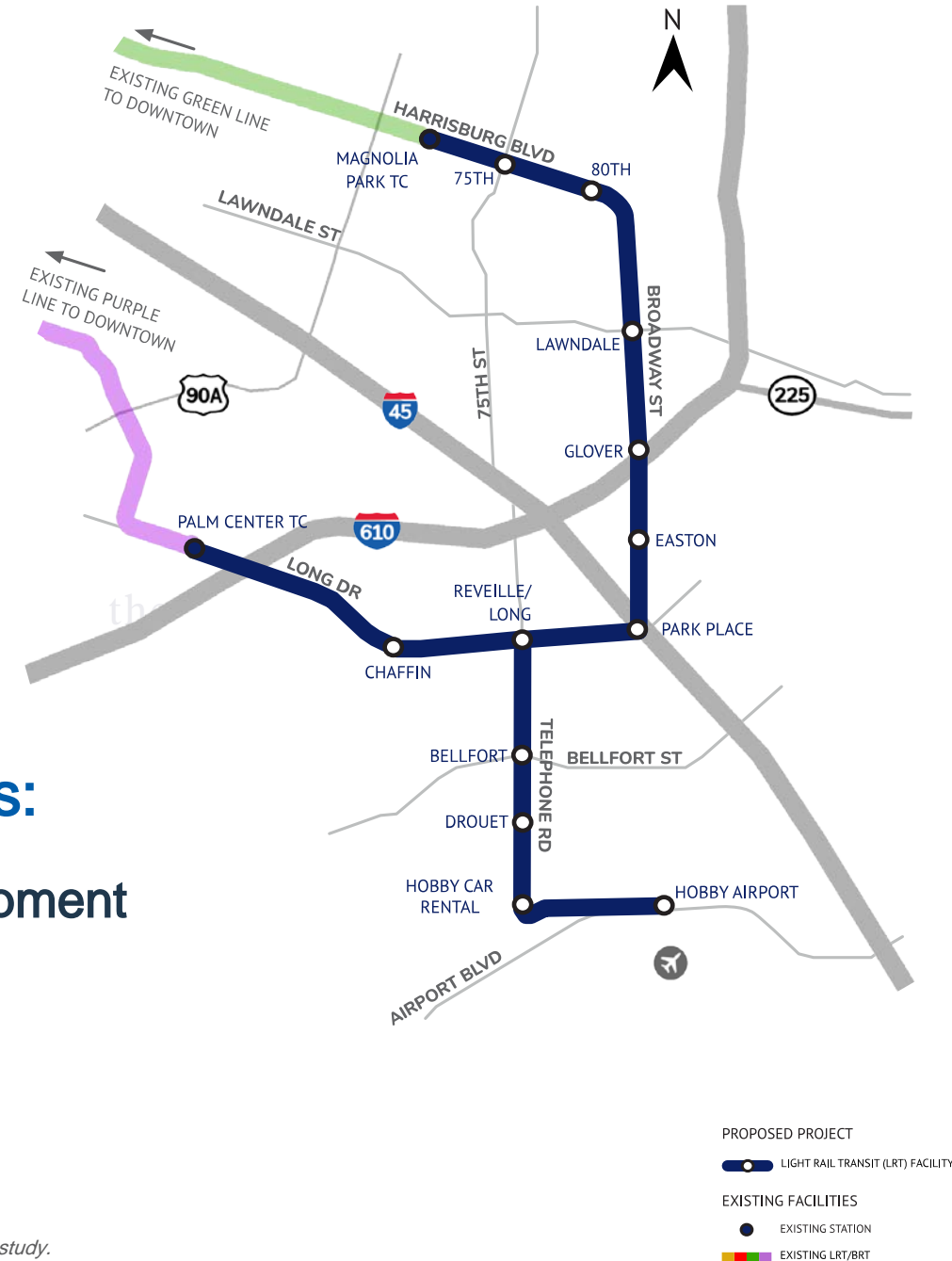
METRORail Connecting the Green and Purple Line and Extending the Combined Lines to Hobby Airport



Path Forward Activities:

- ▶ Planning/Project Development
- ▶ Selection of Preliminary Engineering Firms

Alignments and facilities are not shown to scale and are subject to further study.

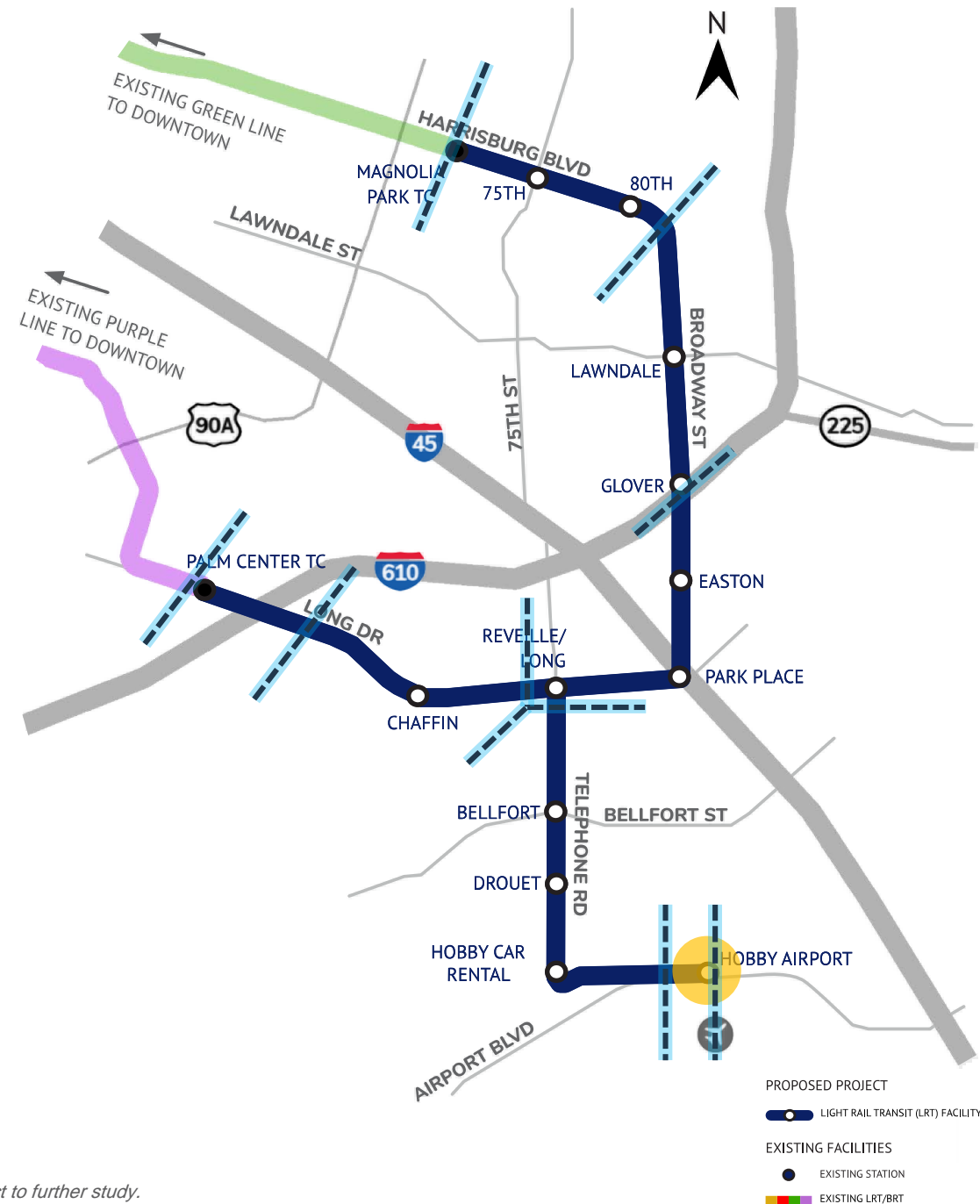


METRONext Moving Forward Plan

METRORail Connecting the Green and Purple Lines and Extending the Combined Lines to Hobby Airport

27 Contract Opportunities

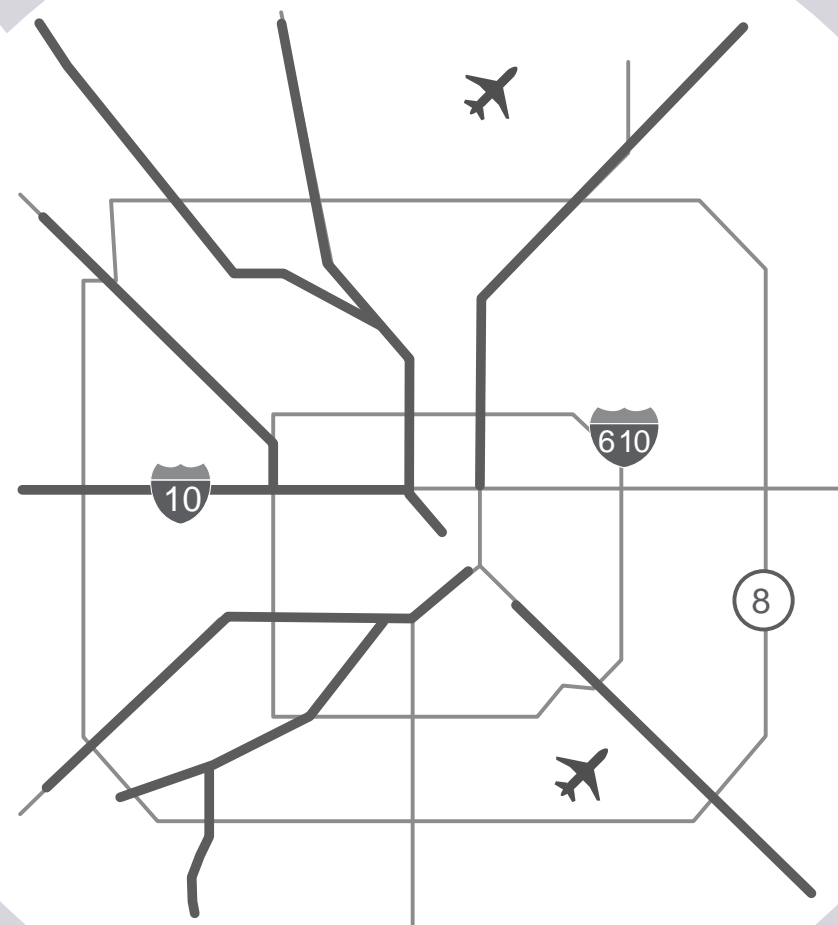
- ▶ 8 Civil Design
- ▶ 8 Civil Construction
- ▶ 8 Construction Management
- ▶ 1 System Designers
- ▶ 1 Station Structural Construction
- ▶ 1 Overall Station Structures Design



▶ Regional Express

- ▶ Approximately 110 miles of new or improved HOV
- ▶ Park & Ride

Cost: \$1.56 Billion*



* All costs are estimated in 2017 dollars.

METRONext Moving Forward Plan

Regional Express/ Park & Ride Reimaging

- ▶ Fast
- ▶ Seamless
- ▶ Two-Way Everyday
- ▶ Flexible
- ▶ Tailored Service
- ▶ Integrated Fares
- ▶ Dedicated Transitways
- ▶ Communities Centered Around Transit



METRONext Moving Forward Plan

Regional Express/ Park & Ride Reimaging



1 Contract
Opportunity

Path Forward Activities:

- ▶ 1 General Engineering Consultant Opportunity
 - Public Engagement Support
 - Schematic Design Development
 - *Transit Facility Improvements (Near Term & Long Term)*
 - *Highway Components (Near Term & Long Term)*
 - Design Coordination with Agency Partners
 - Transit Oriented Development Coordination
 - Innovation

Missouri City Park & Ride



**3 Contract
Opportunities**

Path Forward Activities:

- ▶ **Planning Activities**
 - Site Selection /Analysis
 - FTA Coordination
 - Stakeholder Coordination
 - Environmental Clearance / Concept

Anticipated Opportunities:

- ▶ **1 Design**
- ▶ **1 Construction**
- ▶ **1 Construction Management**

▶ BOOST and Signature

- ▶ Approximately 290 miles of BOOST and Signature Network
- ▶ Approximately 17 BOOST Routes + one Signature Bus Service

Cost: \$179 Million*



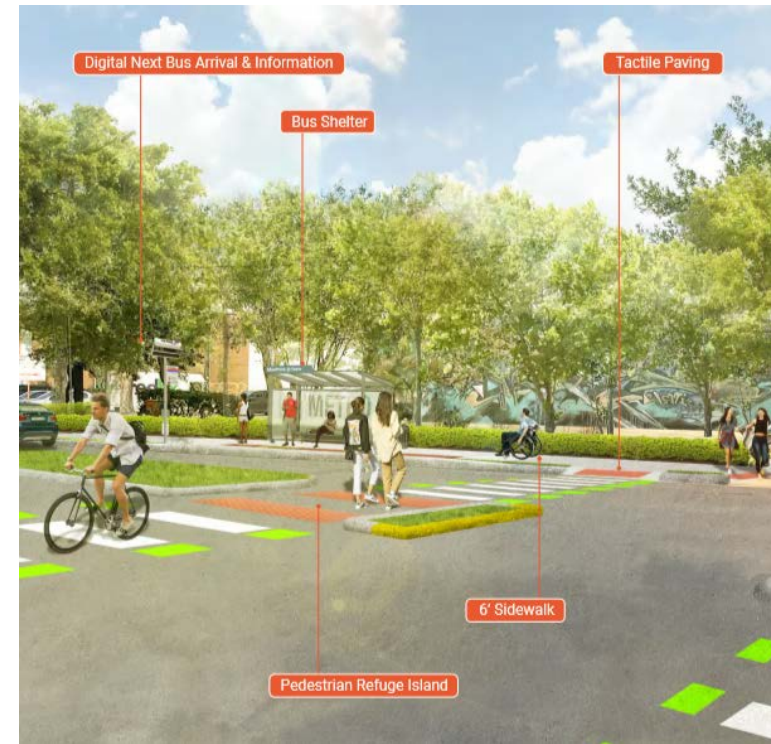
* All costs are estimated in 2017 dollars.

METRONext Moving Forward Plan

BOOST Network – 17 Lines

What is **BOOST**:

- ▶ A better walk
- ▶ A better stop
- ▶ A better ride



METRONext Moving Forward Plan

**BOOST
Network –
17 Lines**



**17 Contract
Opportunities**

Path Forward Activities:

- ▶ 1 Design RFQ Annually for 7 years
(2 Lines Each)
- ▶ 1 Construction Contract Annually for 7 years
(2 Lines Each)

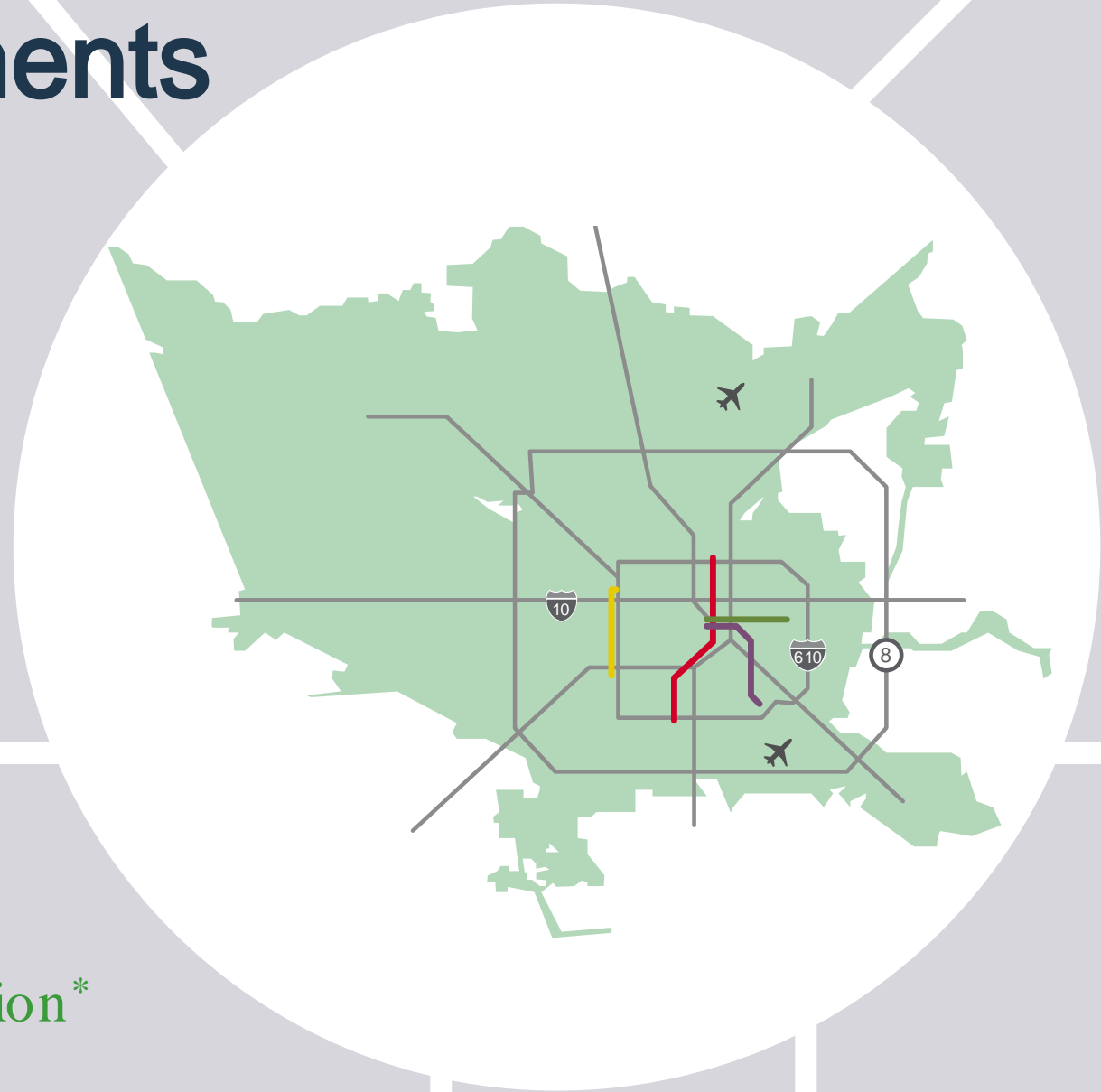
Anticipated Opportunities:

- ▶ 7 Design
- ▶ 7 Construction
- ▶ 3 Construction Management

▶ System Enhancements

- ▶ 21 new or improved Park & Rides and Transit Centers
- ▶ 10 new Community Connectors / Circulators
- ▶ Systemwide route improvements and bus stop enhancements
- ▶ Downtown, Midtown, and Texas Medical Center transit improvements
- ▶ Park & Ride Service Enhancements
- ▶ Universal Accessibility and First Mile/Last Mile Improvements
- ▶ Bus Operating Facility

Cost: \$414 Million*

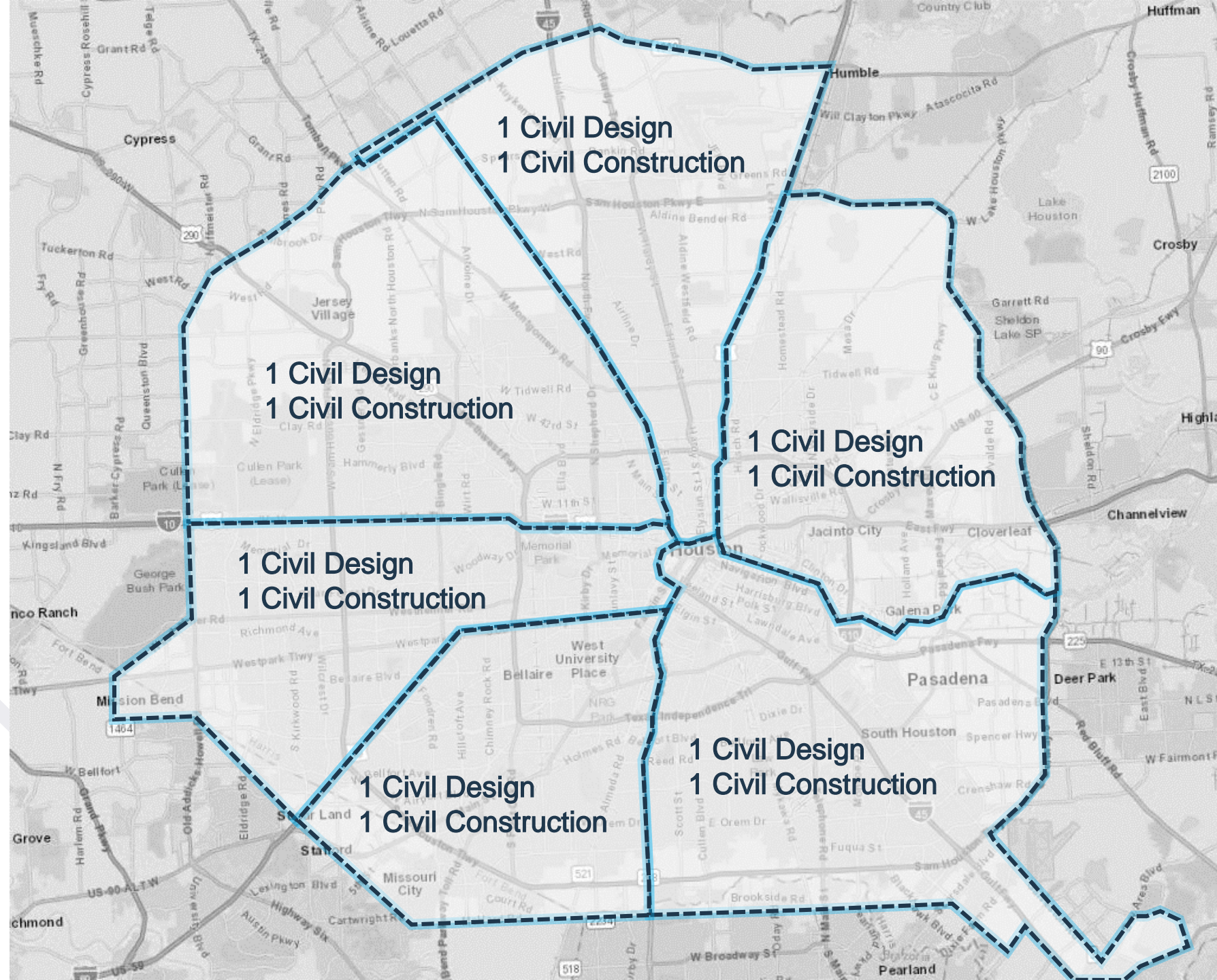


METRONext Moving Forward Plan

Universal Accessibility



METRO's commitment to the design and composition of an environment so that it can be accessed, understood and used to the greatest extent possible by all people regardless of their age, size, ability or disability.



METRONext Moving Forward Plan

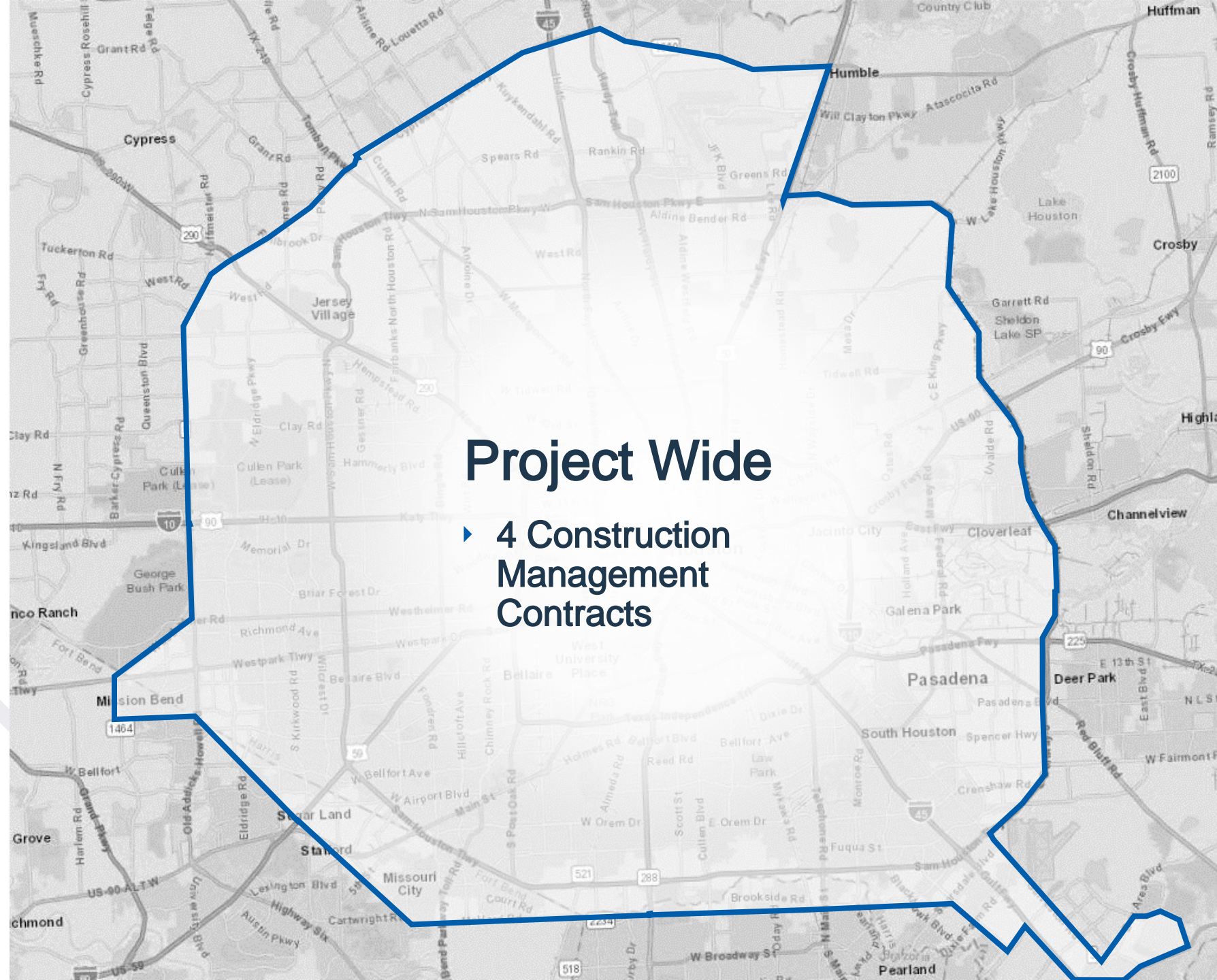
Universal Accessibility



16 Contract Opportunities

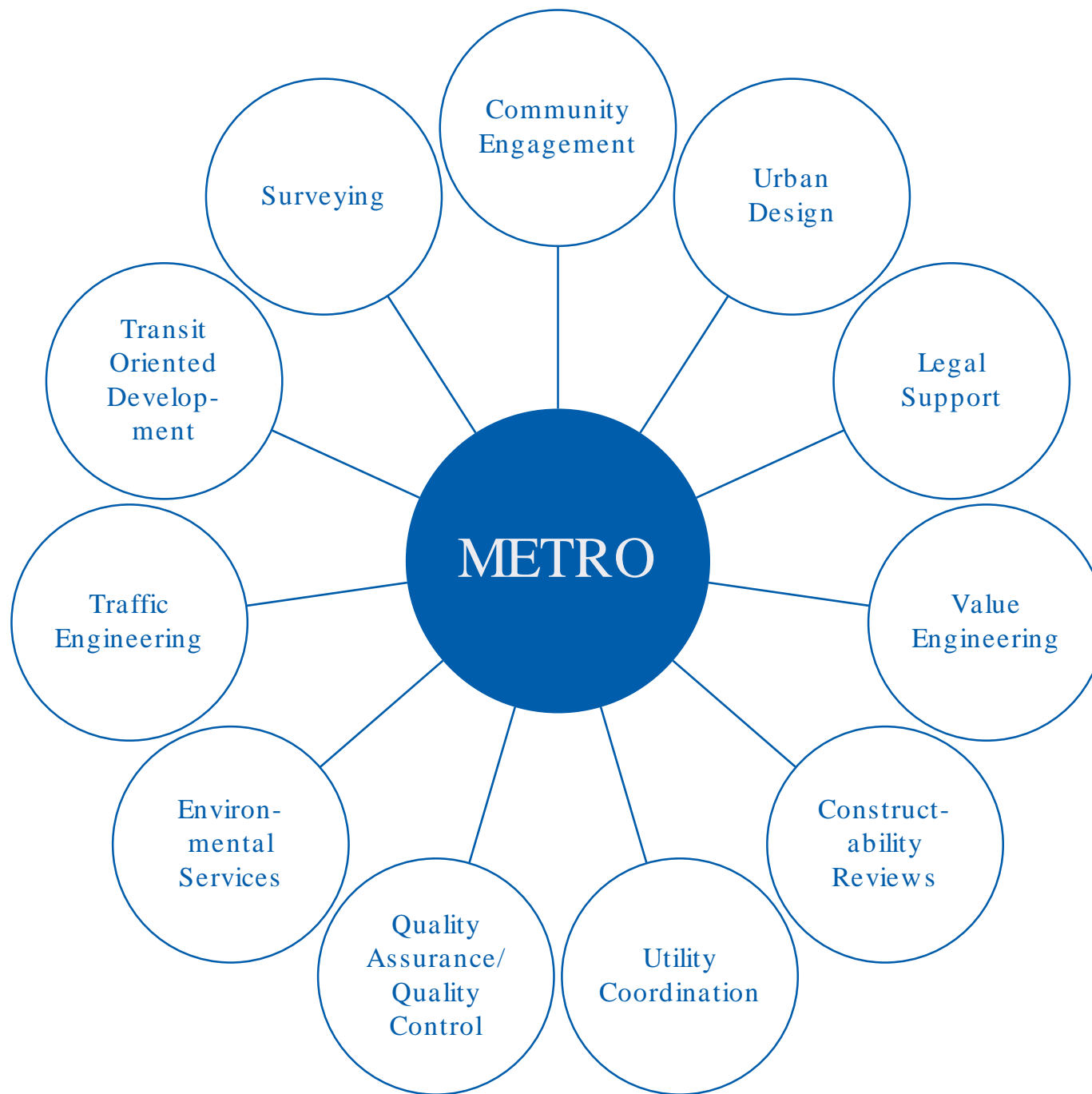
Project Wide

- ▶ 4 Construction Management Contracts



METRONext Moving Forward Plan

Program/ Project Support Services



Upcoming Procurements

- Program Management Consultant
- Program Management Information Software
- University Corridor General Engineering Consultant
- Inner Katy BRT General Engineering Consultant
- IH 45 BRT General Engineering Consultant
- LRT Extension to Courthouse Design
- Regional Express Reimagining General Engineering Consultant
- Missouri City Park & Ride Design Services
- BOOST (design, construction and construction management)
- Universal Accessibility (construction and construction management)



Upcoming Procurements

▶ Program Support Services

- Public Engagement
- Transit Oriented Development
- Real Estate Acquisition Support

▶ Legacy Projects

- Maintenance of Way/METRO Police Department Design Services
- LRT/BRT Engineering Support Services
- Environmental Services





Questions