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
METRONext Delivery

- Fiscally Responsible
- Community Focused
- Universal Accessibility and Innovation
- Partnerships
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
METRONext Moving Forward Plan

METRO Rapid (BRT)

- Approximately 75 miles of METRO Rapid service
- Five new METRO Rapid corridors

Cost: $3.23 Billion*

*All costs are estimated in 2017 dollars.
Federal Project Development Process

1. PLANNING
   - FTA Acceptance

2. PROJECT DEVELOPMENT
   - FTA Evaluation/Approval

3. ENGINEERING
   - FTA Evaluation/Approval

4. FULL FUNDING GRANT AGREEMENT
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.
METRORapid
University Corridor Between Westchase and Tidwell

5 Line Sections
Each section includes:

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

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

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

Alignments and facilities are not shown to scale and are subject to further study.
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.
1 General Engineering Consultant Opportunity

- Scope Coordination
- Joint Schematic Development
  - Transit Components
- Public Engagement Support
- FHW A Environmental Coordination
  - Preliminary Engineering/Environmental
- Design Coordination
- Construction Management Oversight
METRONext Moving Forward Plan

METRORapid IH 45 North to IAH Airport and Greenspoint

Alignments and facilities are not shown to scale and are subject to further study.
Immediate Need (2020):

- 1 General Engineering Consultant Opportunity
  - NHHIP Design Support
  - IH 45 BRT Concept Development
  - LRT Conceptual Design Support
METRONext Moving Forward Plan

METRO RAPID
IH 45 North to IAH Airport and Greenspoint

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

13 Contract Opportunities

Alignments and facilities are not shown to scale and are subject to further study.
METRONext Moving Forward Plan

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.
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

5 Contract Opportunities
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

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

27 Contract Opportunities

Alignments and facilities are not shown to scale and are subject to further study.
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
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
Path Forward Activities:

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

Anticipated Opportunities:

- 1 Design
- 1 Construction
- 1 Construction Management

3 Contract Opportunities
METRONext Moving Forward Plan

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.
What is BOOST:

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

BOOST Network – 17 Lines
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
METRONext Moving Forward Plan

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*
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

Project Wide

- 4 Construction Management Contracts

16 Contract Opportunities
Program/Project Support Services

- Community Engagement
- Urban Design
- Legal Support
- Value Engineering
- Constructability Reviews
- Utility Coordination
- Quality Assurance/Quality Control
- Environmental Services
- Traffic Engineering
- Transit Oriented Development
- Surveying

METRO
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