

City of  
**MEMPHIS**

**MATA**  
MEMPHIS AREA TRANSIT AUTHORITY

# The Memphis Innovation Corridor

Project Summary

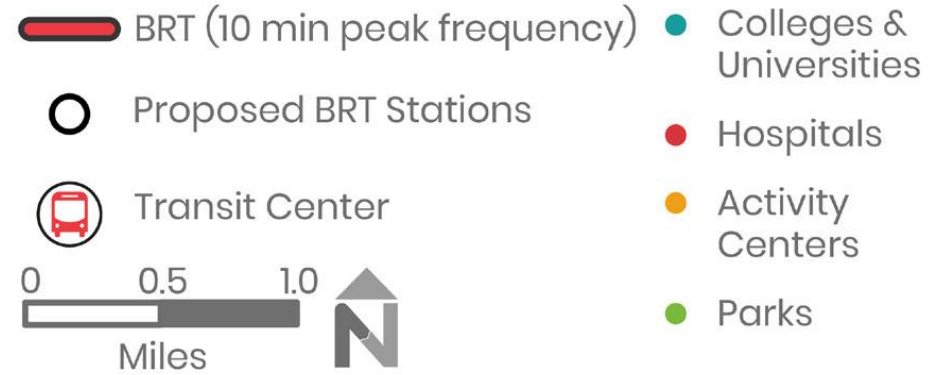
March 3, 2021





# Project Location

## mConnect Bus Rapid Transit (BRT) with Key Locations



**William Hudson  
Transit Center**

**St. Jude Children's  
Research Hospital**

**Bass Pro Shops  
at the Pyramid**

**AutoZone  
Park**

**Medical  
Center**

**Memphis Zoo**

**Overton  
Park**

**Benjamin L. Hooks  
Central Library**

**FedEx Forum**

**Central  
Station**

**Southwest Tennessee  
Community College**

**Christian  
Brothers  
University**

**Liberty Bowl  
Memorial Stadium**

**Methodist  
University  
Hospital**

**University of  
Memphis**

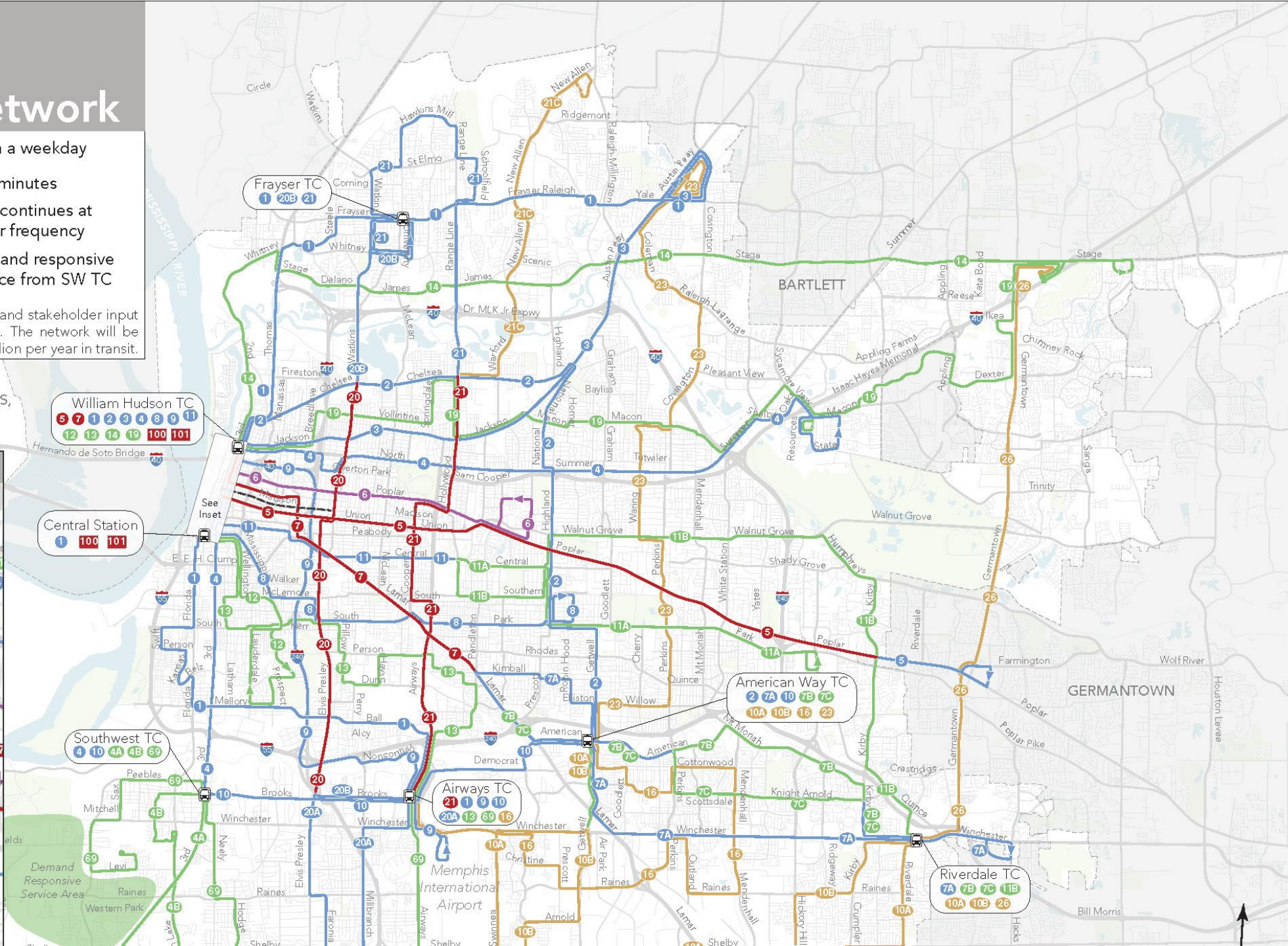
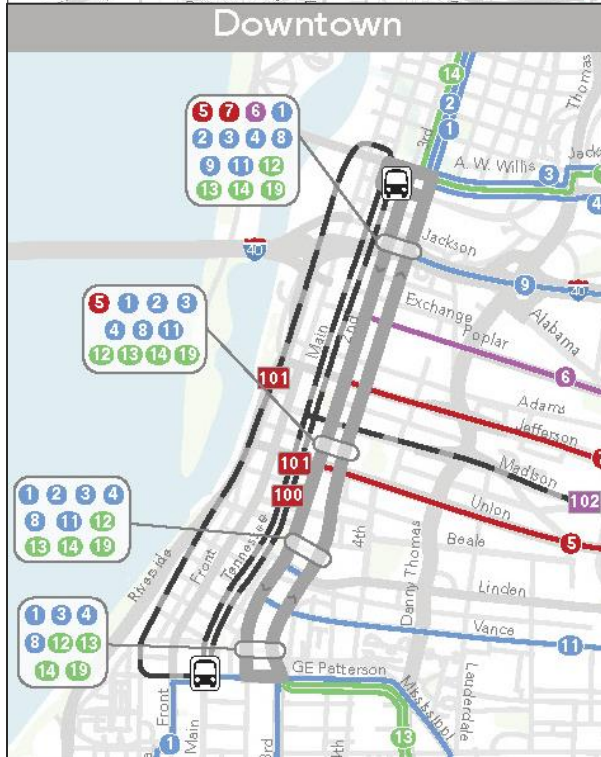


# Short-Term Recommended Network

Frequency (minutes between buses) at midday on a weekday

- Trolley
- 15 minutes
- 20 minutes
- 30 minutes
- 60 minutes
- 120 minutes
- Line continues at lower frequency
- Demand responsive service from SW TC

The Short-Term Recommended Network is based on public and stakeholder input on concepts developed for the Memphis 3.0 Transit Vision. The network will be implemented in 2022, if the city invests an additional \$30 million per year in transit.





# Overlay of mConnect on Short-Range Transit Plan

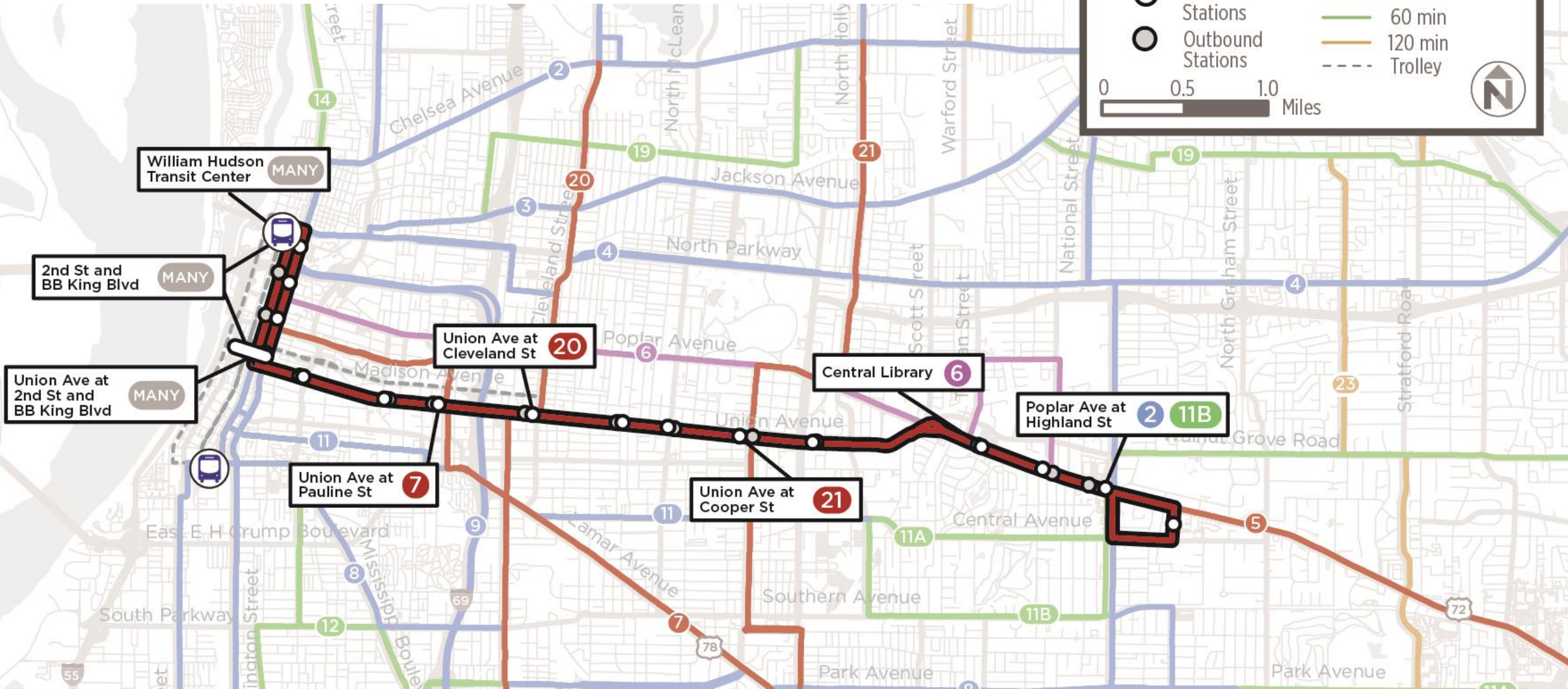
Memphis Innovation Corridor

### BRT Key Connections (Vision)

Weekday Midday Frequency

	BRT (10 min frequency)		15 min
	Inbound Stations		20 min
	Outbound Stations		30 min
			60 min
			120 min
			Trolley

0 0.5 1.0 Miles



# About the Project

The Memphis Innovation Corridor will include the following features along the eight-mile corridor:

- Roadway Improvements
- Green Infrastructure
- Bus Rapid Transit vehicles arriving every 10 minutes during peak periods
- Approximately 30 modern transit stations
- All electric BRT vehicles (quiet and eco-friendly)
- LED Street Lights
- Dedicated transit only lanes along portions of B. B. King Boulevard and Second Street
- Upgrades to all traffic signals
- Pedestrian improvements
- Intersection improvements



# Memphis Innovation Corridor

- Transit only lanes
  - Second Street from A. W. Willis to Union
  - B.B. King Blvd from Union to Shadyac
- Transit Signal Priority
- Short headway bidirectional service (10-15 minutes)
- Branded vehicles



# Union Avenue Road Diet

Manassas Street to East Parkway





# mConnect BRT Station - Features and Amenities

- Real-Time Bus Arrival Information
- Security
  - Cameras
  - Emergency Call Box
- Off-Board Fare Collection
- Tactile signage and strips at the boarding edge
- Voice announcements for next bus arrival
- Electronic signage and communications
- Bicycle and scooter parking areas
- Level Boarding
- Seating





# Level Boarding



Typical Boarding Height Platform  
Lynx, Orlando, Florida



Level Boarding Platform  
Red Line BRT, Apple Valley, MN



# Typical mConnect Station Downtown - South Second at Monroe





# Typical mConnect Station Medical Center – Union at Health Sciences Park





# Typical mConnect Stations







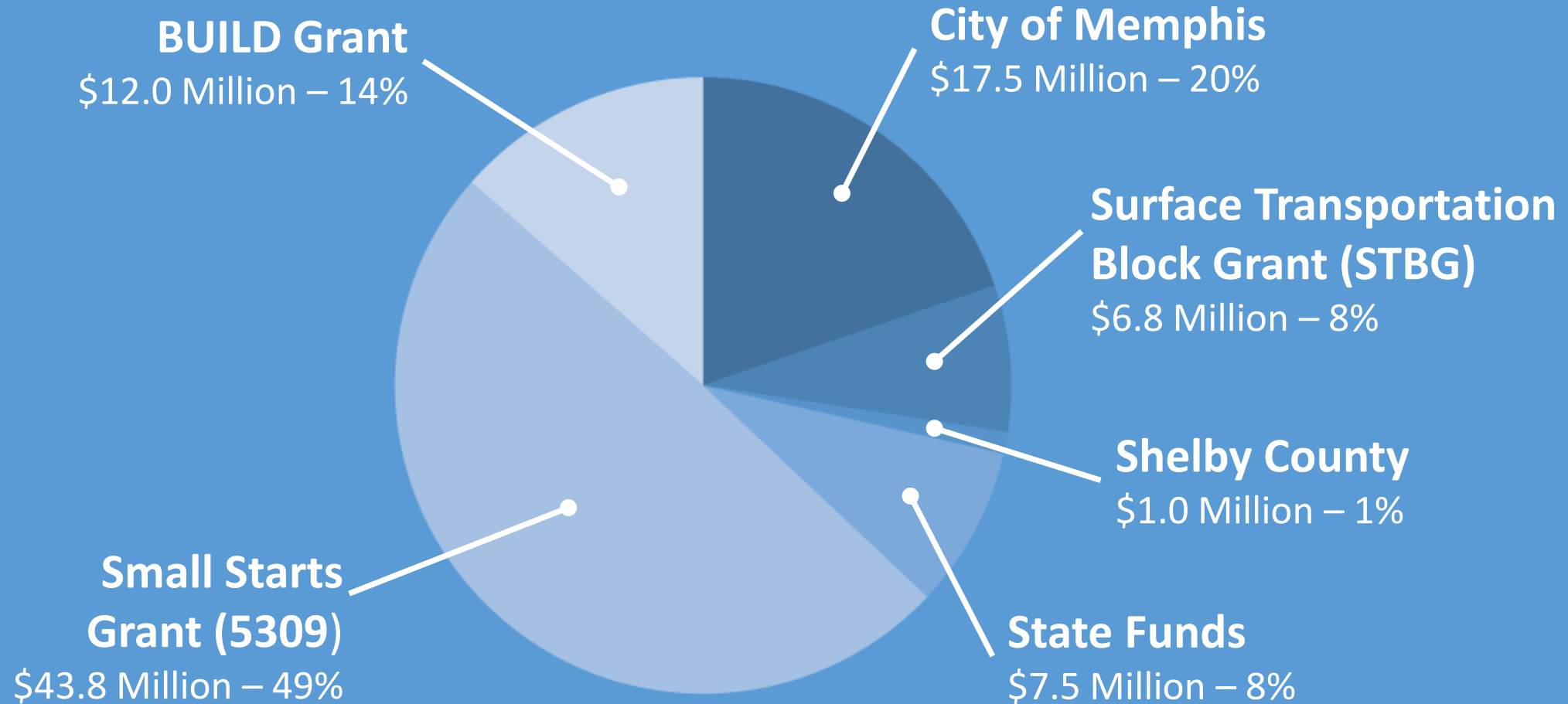
## **Public and Stakeholder Engagement**

- Public Meeting #1 – November 18, 2019
- Public Meeting #2 – June 15 – 30, 2020 (Virtual)
- Stakeholder Engagement
- Advocacy Groups
- Elected Officials



# Project Funding

Total Planned Project Funding - \$88.6 Million



\* Funding amounts are subject to change



# Project Timeline\*



\*Project schedule is subject to change.



# What's Next?

Project team members will continue to meet with impacted property owners and businesses to:

- Describe and show the planned location of the station relative to their property
- Begin the right-of-way and easement acquisition process

**Secure Local and Federal Funding**  
**Complete Construction Procurement**  
**Begin Utility Relocations**



# Project Contact

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# Questions?

