

# NORTH AVENUE RISING



## Transportation Investments Generating Economic Recovery (TIGER) Project Overview

Presented to the TPB Regional Public Transportation  
Subcommittee

January 24, 2017



## 2016 TIGER Program

- The nation's most competitive transportation grant program
- For construction of surface transportation projects that:
  - Improve State of Good Repair (SGR)
  - Increase the nation's Economic Competitiveness
  - Enhance regional Quality of Life
  - Enhance Environmental Sustainability
  - Improve transportation Safety
  - Demonstrate innovative approaches
  - Leverage partnerships



## 2016 TIGER Program

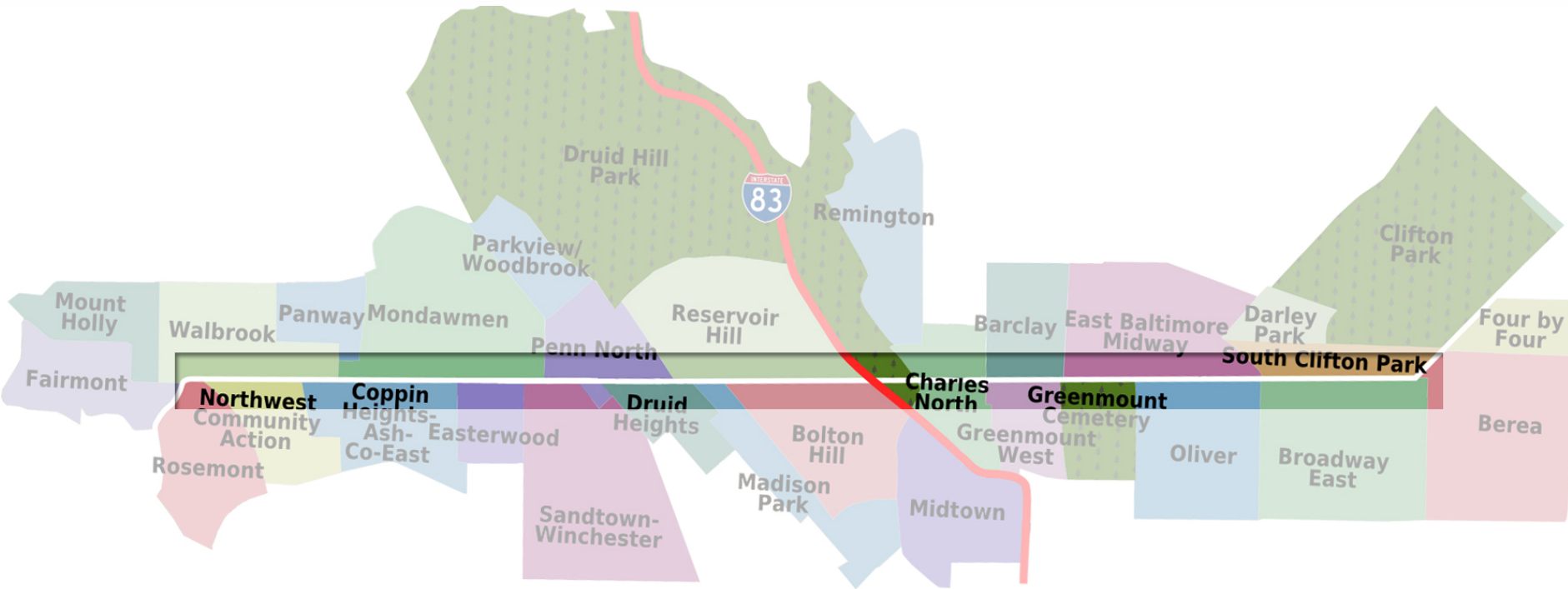
- USDOT received 585 applications (over \$9.3 Billion) in FFY 2016
- \$500 million was available nationally
- MTA awarded \$10 million toward North Avenue Rising (One of 40 applications awarded in FFY 2016)

*This is the first time MTA has been the direct recipient of a TIGER grant since the program's inception in 2009*

# NORTH AVENUE RISING



## Project Location



*From Hilton Street to Milton Avenue*

# NORTH AVENUE RISING



## Distressed Areas with Rich Cultural Histories

Then



Hilton St

PENN-NORTH

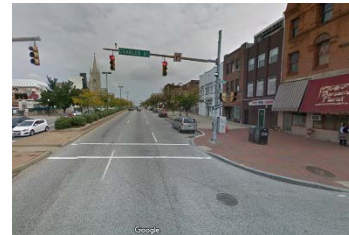
MICA-NORTH

STATION-NORTH

COURTHOUSE

Milton Ave

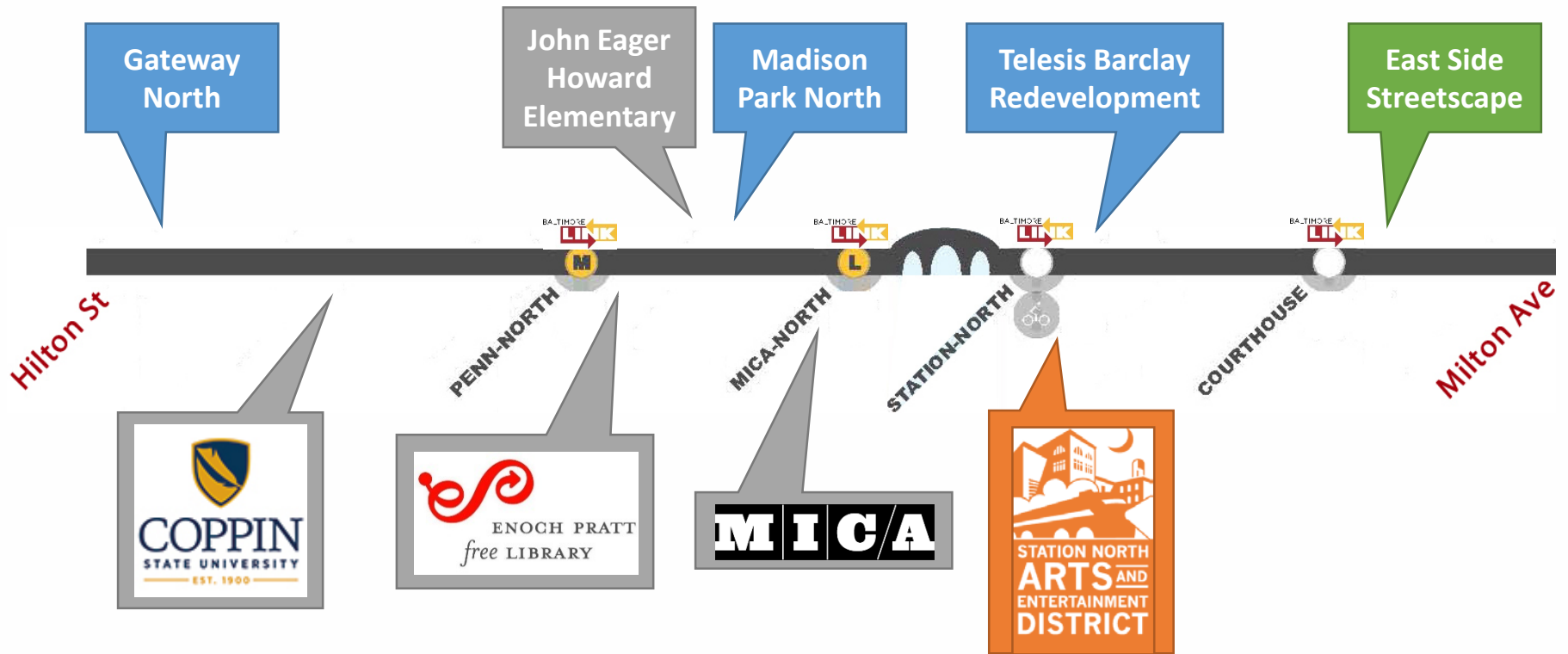
Now



# NORTH AVENUE RISING



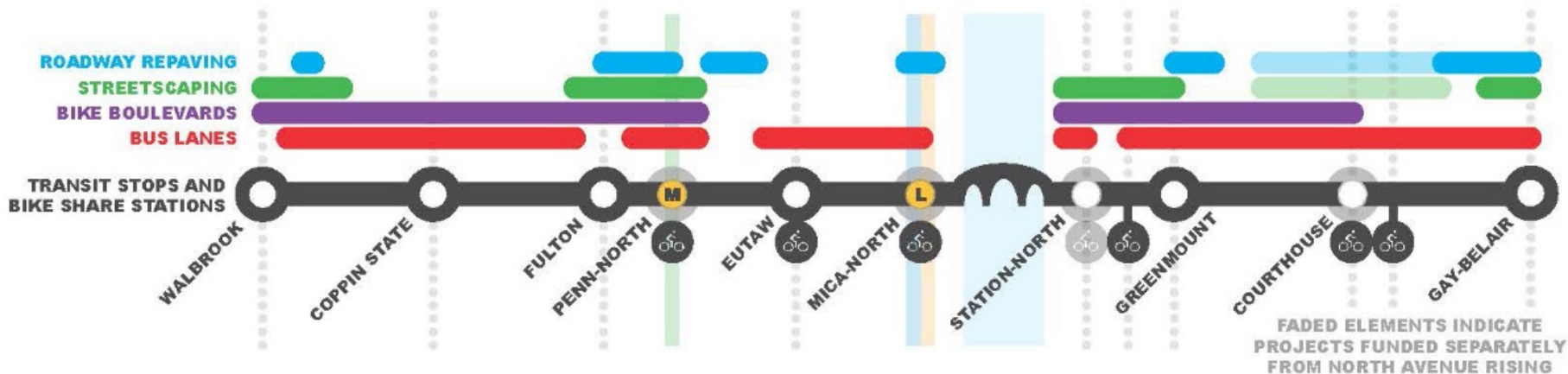
## A Common Thread for Economic Assets



# NORTH AVENUE RISING



## Scope of North Avenue Rising



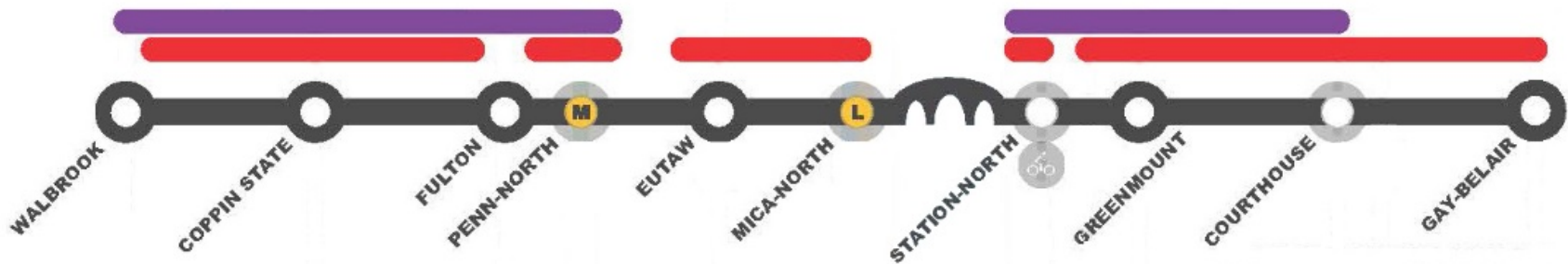
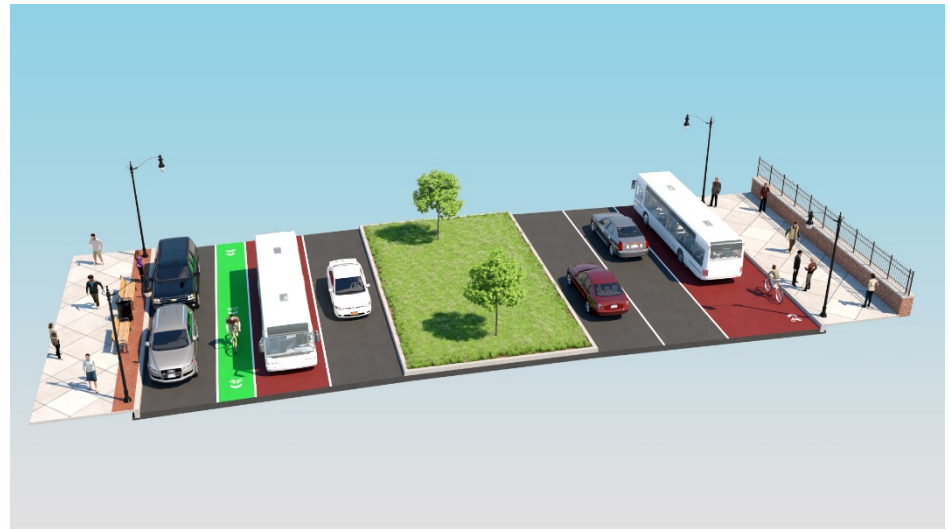
- ✓ Dedicated Lanes
- ✓ Roadway Repaving
- ✓ Transit Signal Priority
- ✓ Enhanced Bus Stops
- ✓ Streetscaping
- ✓ Bike Share Docks
- ✓ Metro Station Improvements
- ✓ Intersection Reconstruction

# NORTH AVENUE RISING



## Dedicated Lanes

- 7+ lane miles of bus/bike lanes
- 3 miles of bike boulevards

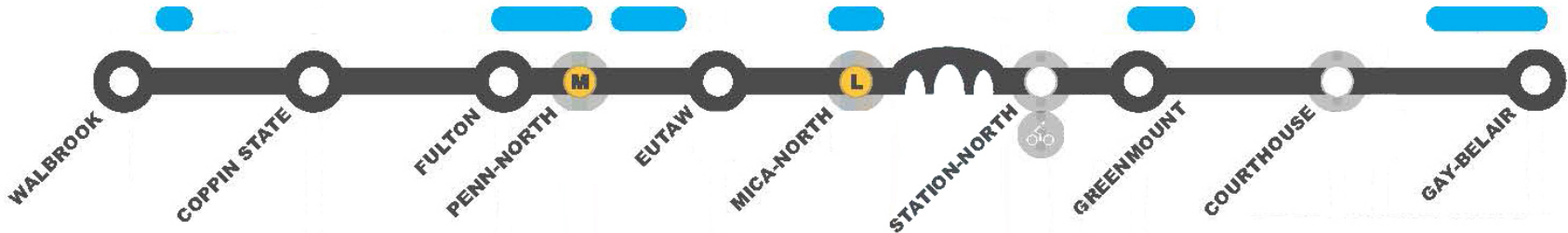






## Roadway Repaving

- Resurfacing  $\frac{3}{4}$  mile of roadway in “mediocre” condition
- Reconstruction of  $\frac{1}{2}$  mile of roadway in “poor” condition

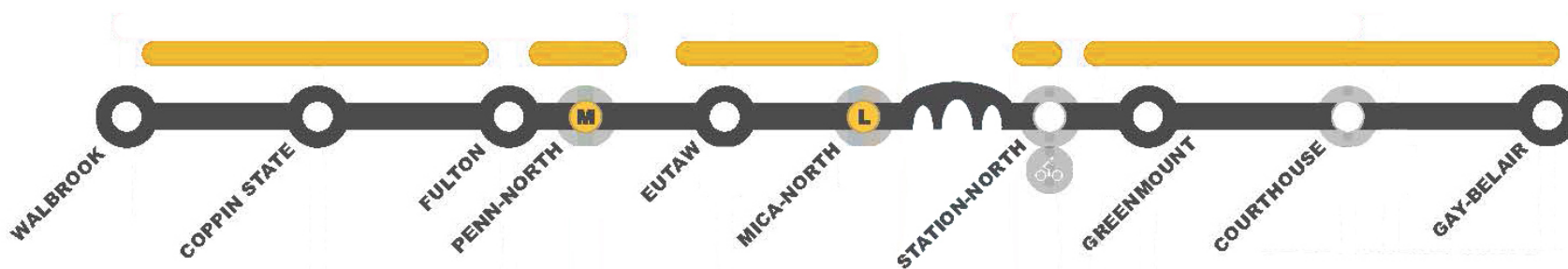
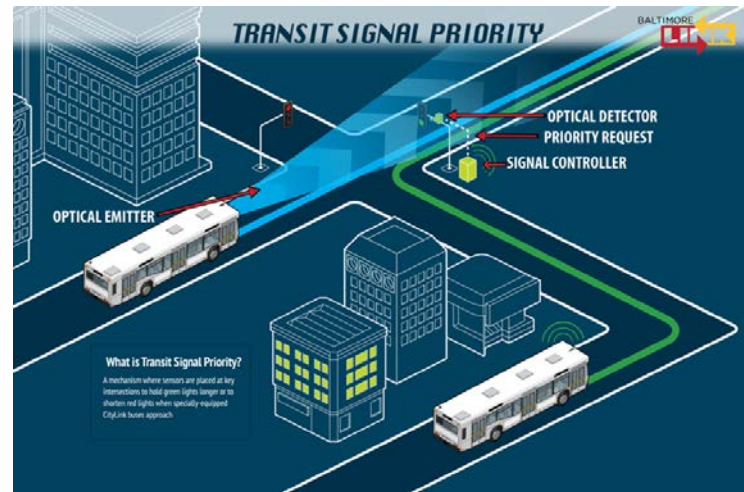


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## Transit Signal Priority

- Modern traffic controllers at all North Avenue intersections
- TSP equipment at 80% of North Avenue intersections
- Extends green lights for buses behind schedule

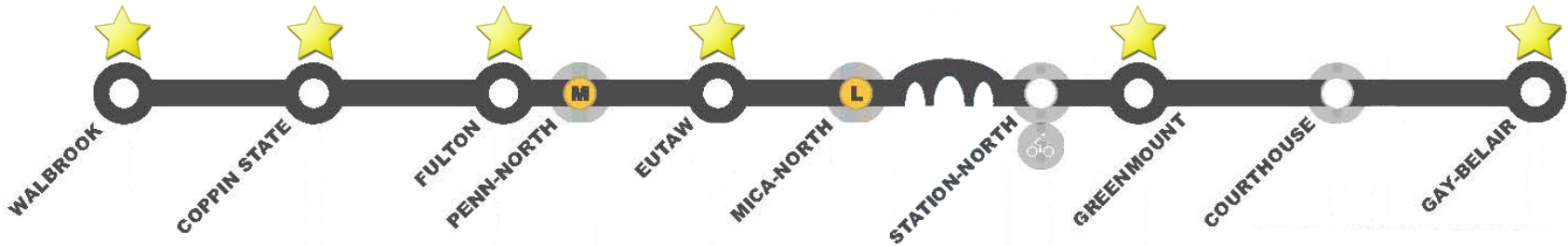


# NORTH AVENUE RISING



## Enhanced Bus Stops

- 6 enhanced stops in addition to 4 BaltimoreLink facilities
- Shelters, signage, benches, and trash cans
- Landscaping and real-time information where possible

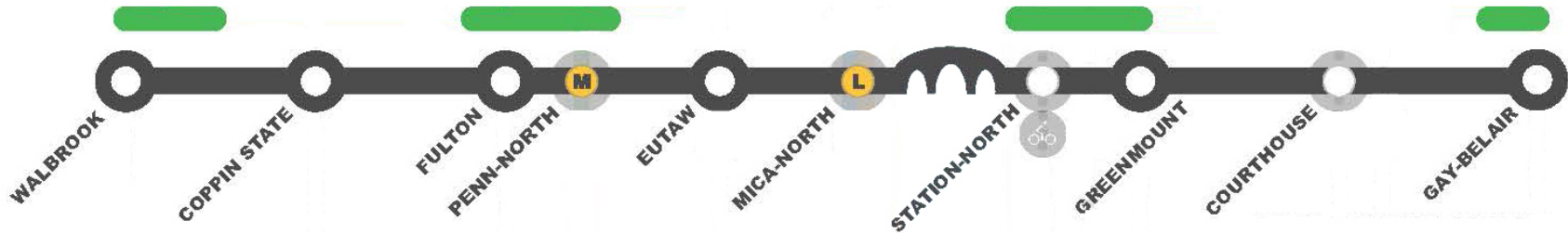


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## Streetscaping

- ADA-compliant curb ramps
- Sidewalk repairs
- Lighting upgrades
- Accessible pedestrian signals
- Trees and other plantings

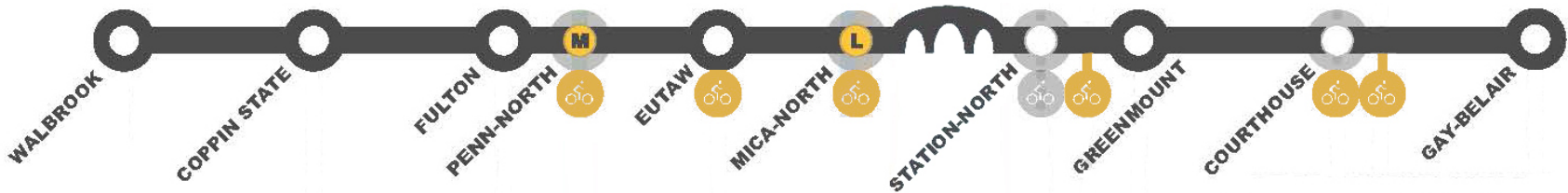


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## Bike Share Docks

- 6 bike share docks
- Electric pedal assist bike fleet
- Compliment and expand City's new Bike Share system

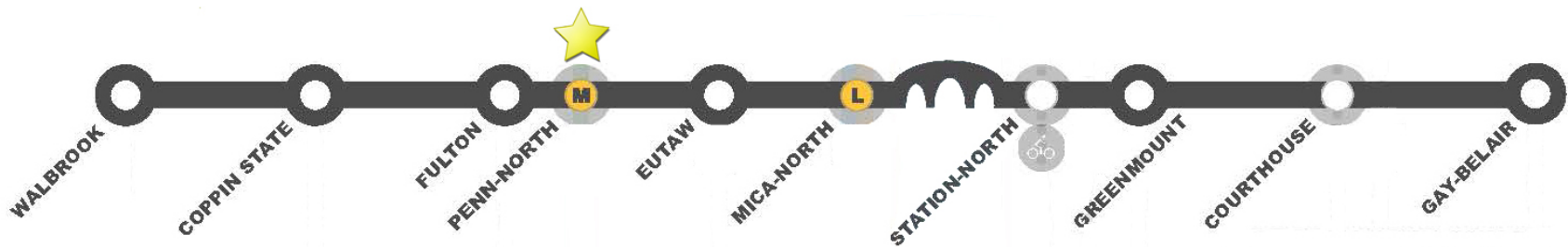


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## Penn-North Metro Station Improvements

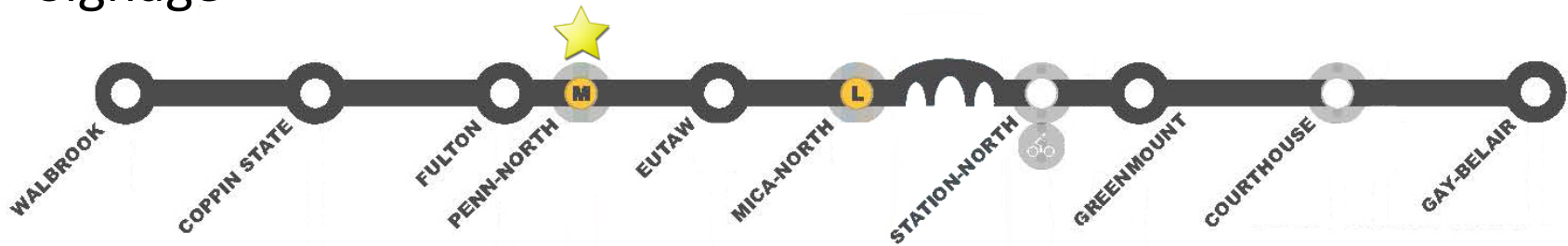
- Elevator and escalator rehab
- Station LED lighting conversion
- Demolition of metal bars around station windows
- Installation of artwork





## Penn-North Intersection Reconstruction

- Enhanced sidewalks
- Pedestrian bump-outs
- ADA-compliant curb ramps
- Traffic signal reconstruction
- LED pedestrian lighting
- Signage





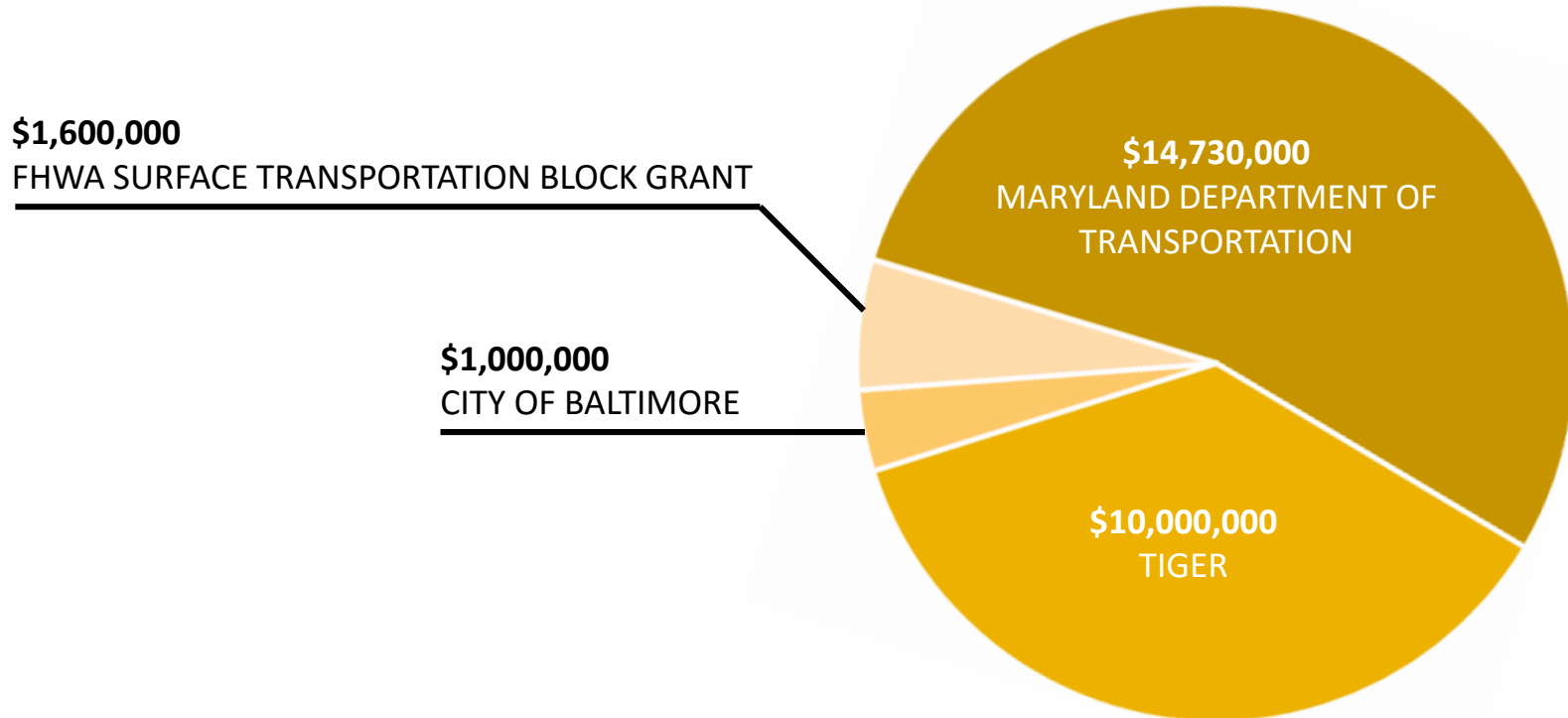
## Project Budget by Element

Project Element	Cost (\$)
Streetscaping	\$8,900,000
Penn-North Station Improvements	\$4,915,000
Dedicated Lanes	\$3,725,000
Roadway Repaving	\$3,380,000
Enhanced Bus Stops	\$2,210,000
Penn-North Intersection Reconstruction	\$2,000,000
Transit Signal Priority	\$1,960,000
Bikeshare Docks	\$240,000
<b>TOTAL</b>	<b>\$27,330,000</b>





## Project Budget by Funding Source





## Project Schedule

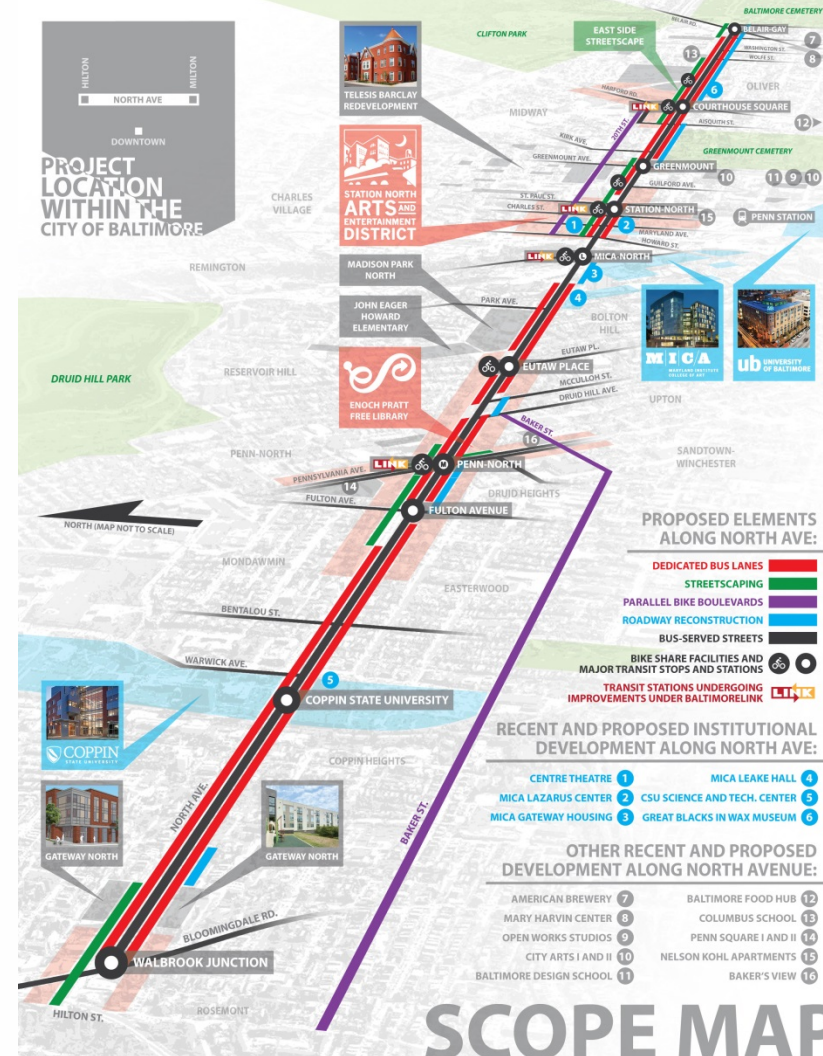
Project Element	CY 2017	CY 2018	CY 2019	CY 2020
Dedicated Lanes				★
Roadway Repaving				★
Transit Signal Priority		★		
Enhanced Bus Stops				★
Streetscaping				★
Bikeshare Docks		★		
Penn-North Station Improvements				★
Penn-North Intersection Reconstruction			★	

# NORTH AVENUE RISING



## Next Steps

- Division of responsibilities between MTA and Baltimore City
- Public outreach
- FTA concurrence with NEPA categorical exclusion
- Initiate design for all project components





Thank you

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