

NORTH AVENUE RISING



Transportation Investments Generating Economic Recovery (TIGER) Project Overview

Presented to the Maryland Transportation Commission
9/7/2016



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

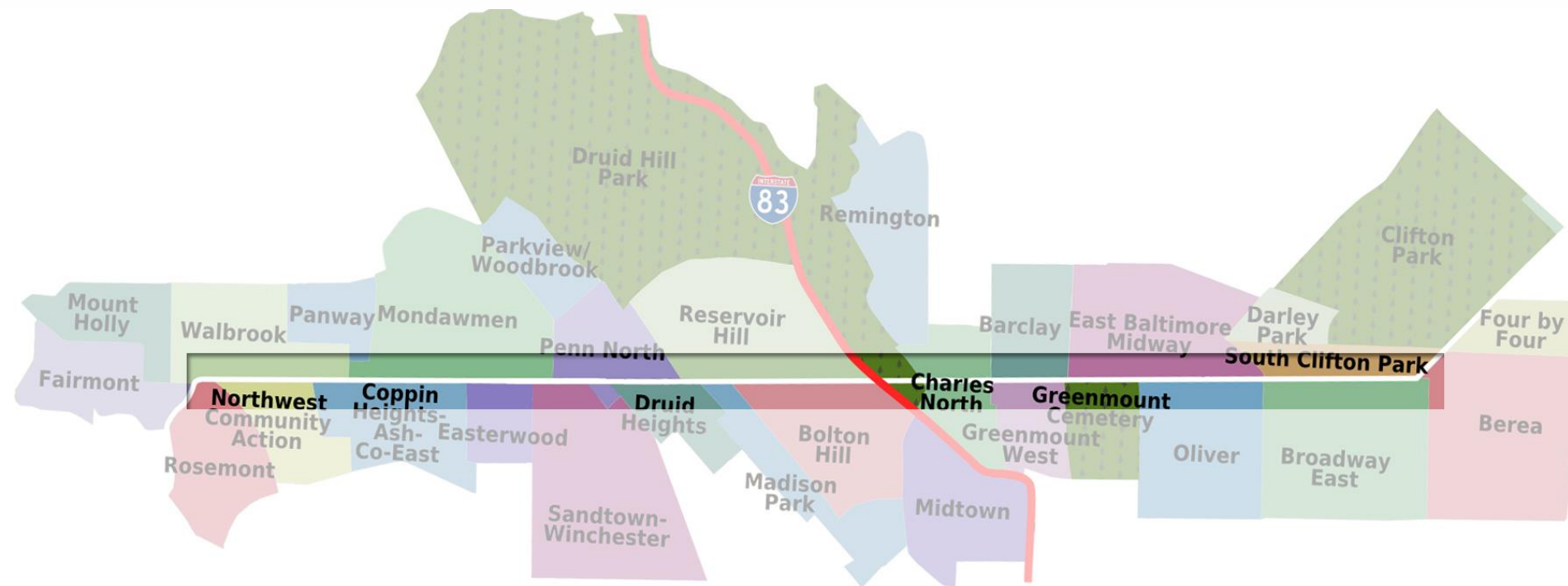
- USDOT received 585 applications (over \$9.3 Billion) in FFY 2016
- \$500 million was available nationally
- MTA awarded \$10 million toward North Avenue Rising (One of 40 applications awarded in FFY 2016)

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

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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

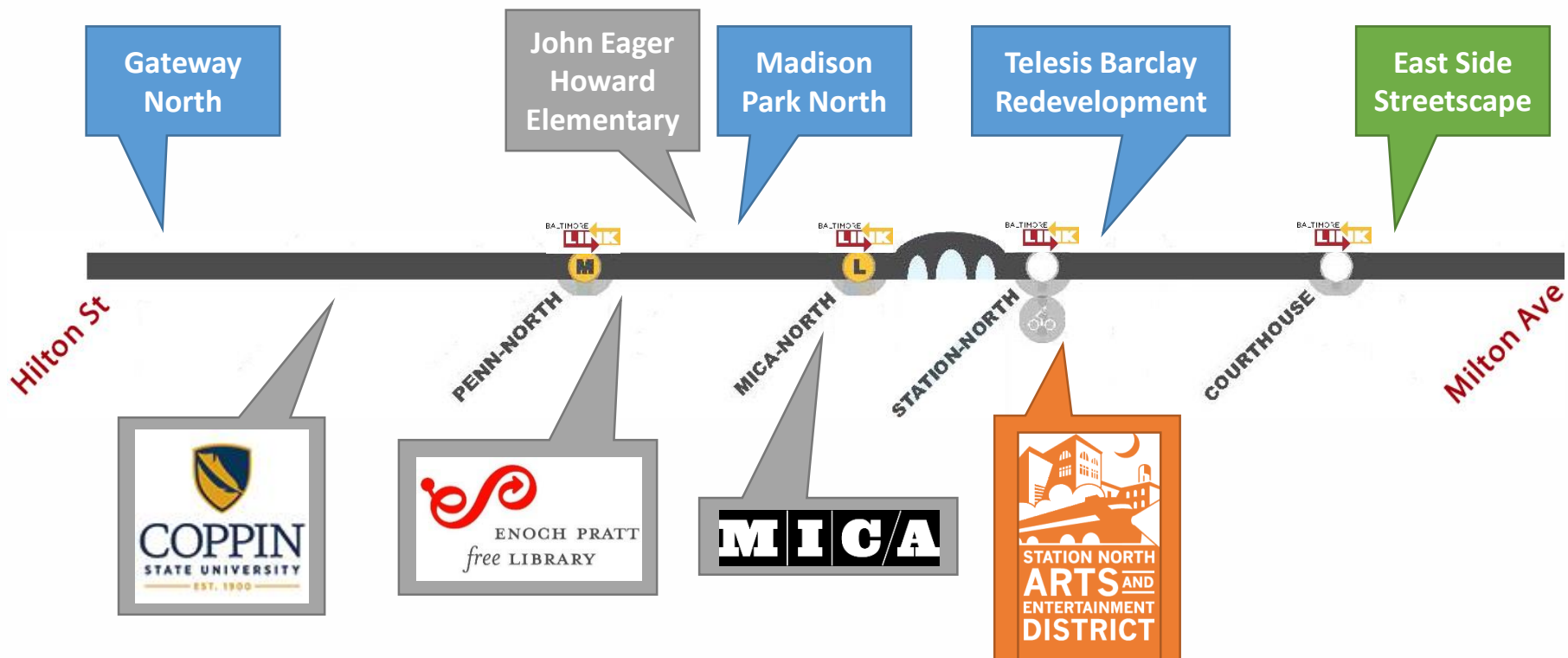
Now



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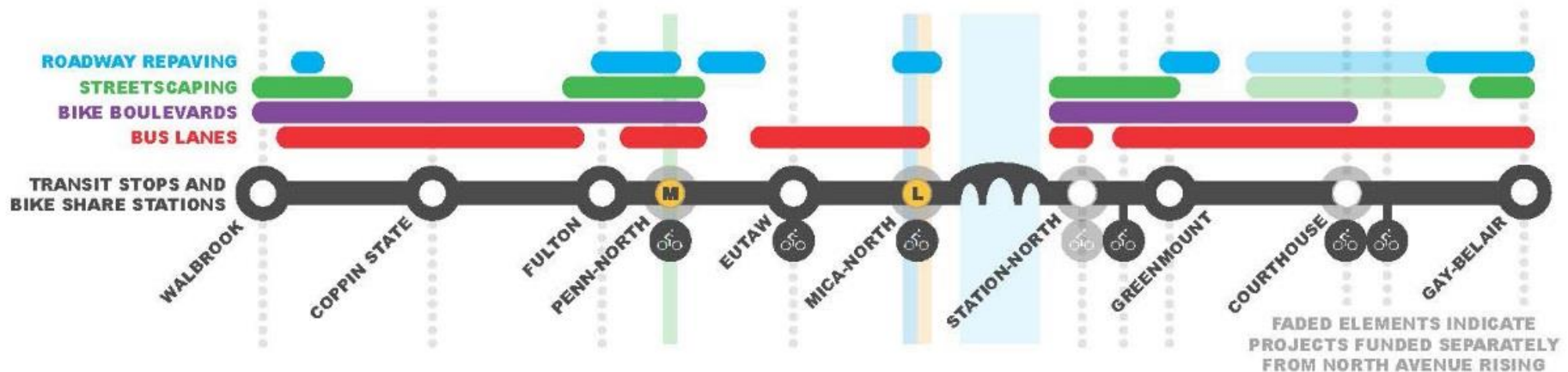


A Common Thread for Economic Assets



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Scope of North Avenue Rising



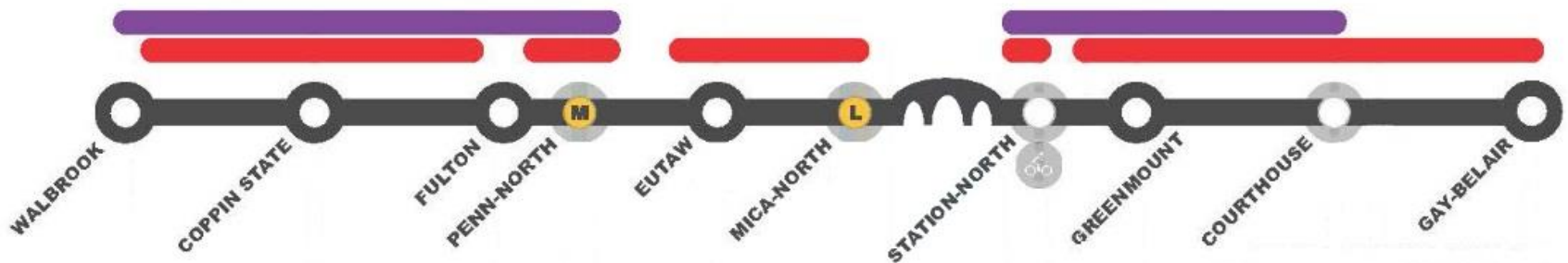
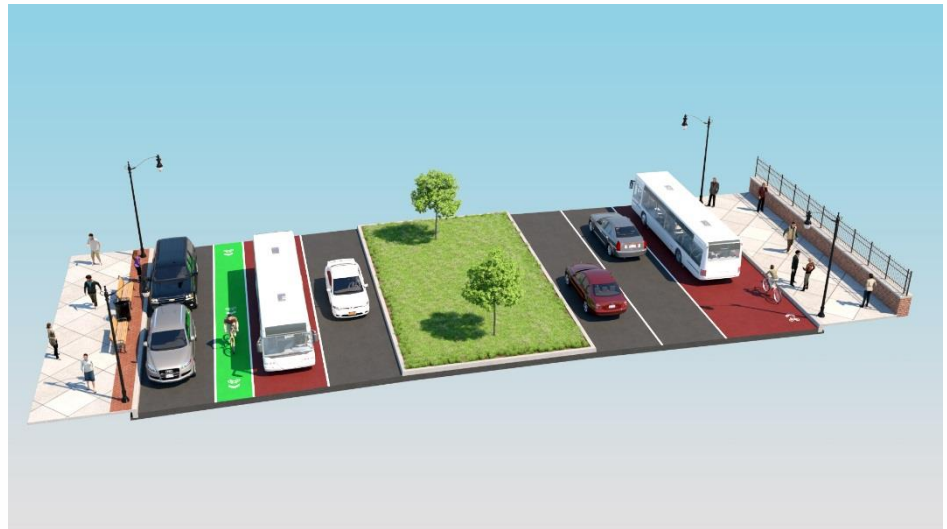
- ✓ Dedicated Lanes
- ✓ Roadway Repaving
- ✓ Transit Signal Priority
- ✓ Enhanced Bus Stops
- ✓ Streetscaping
- ✓ Bike Share Docks
- ✓ Metro Station Improvements
- ✓ Intersection Reconstruction

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Dedicated Lanes

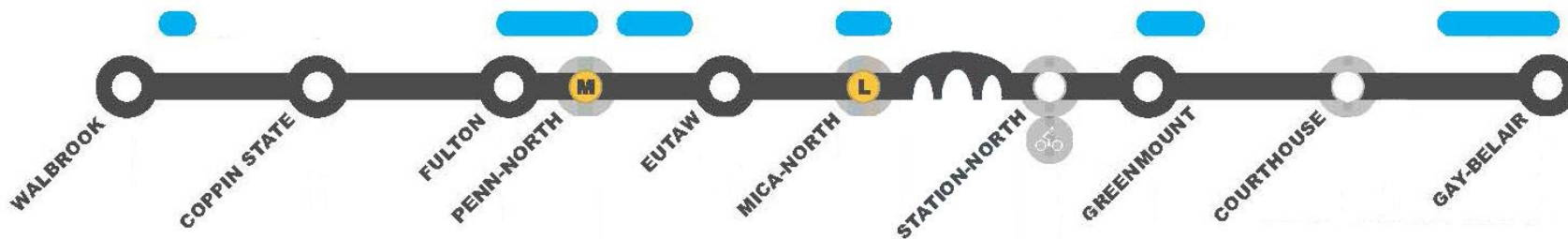
- 7+ lane miles of bus/bike lanes
- 3 miles of bike boulevards





Roadway Repaving

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

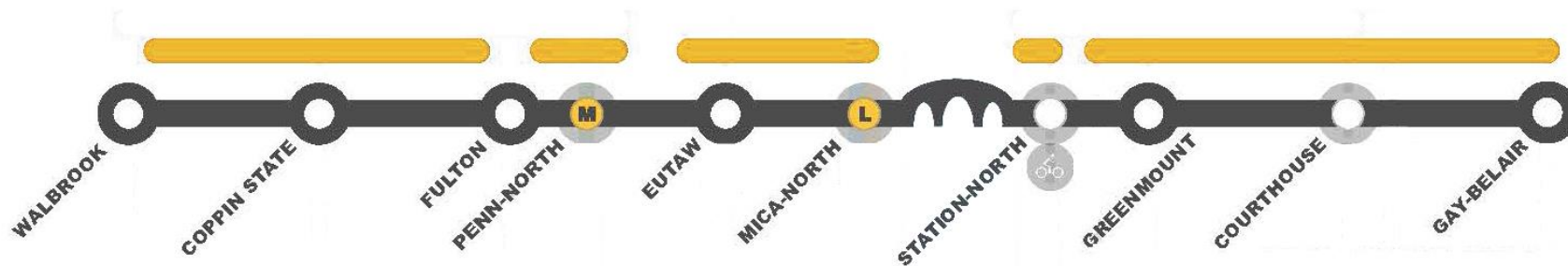
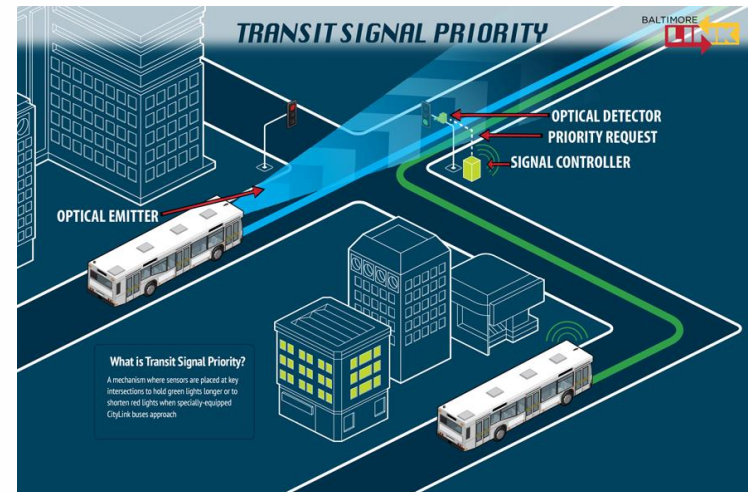


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Transit Signal Priority

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

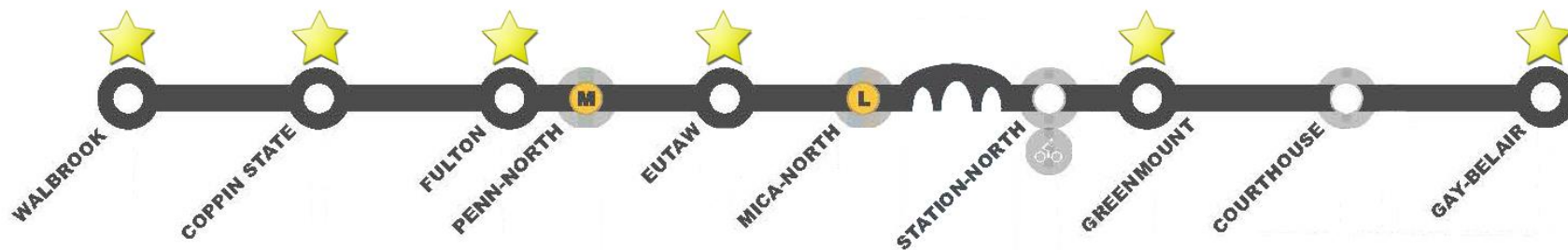


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Enhanced Bus Stops

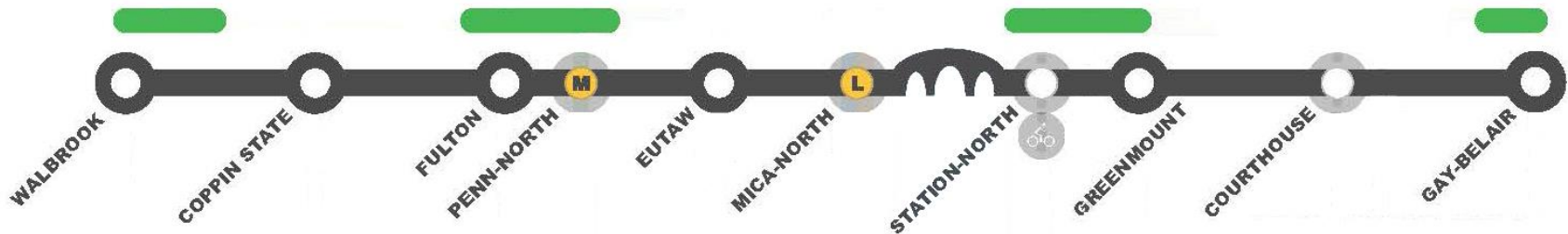
- 6 enhanced stops in addition to 4 BaltimoreLink facilities
- Shelters, signage, benches, and trash cans
- Landscaping and real-time information where possible



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Streetscaping

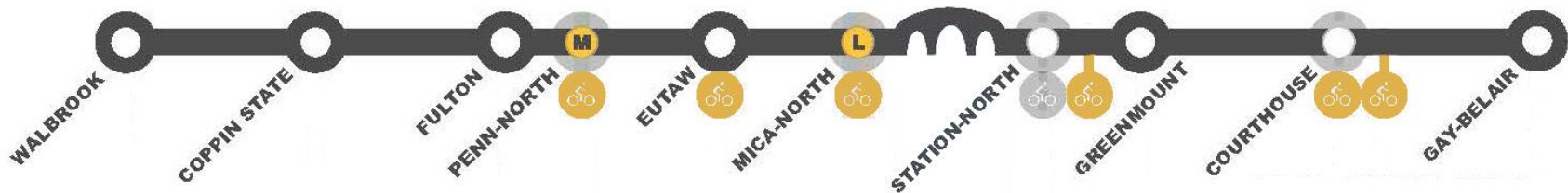
- ADA-compliant curb ramps
- Sidewalk repairs
- Lighting upgrades
- Accessible pedestrian signals
- Trees and other plantings



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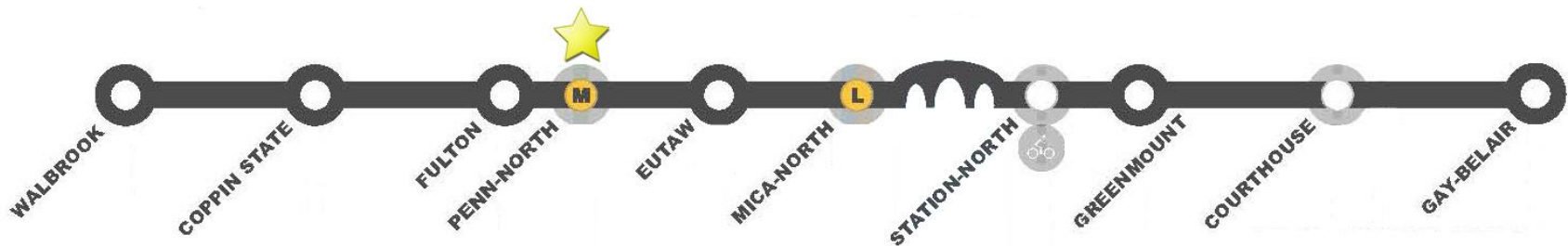
Bike Share Docks

- 6 bike share docks
- Electric pedal assist bike fleet



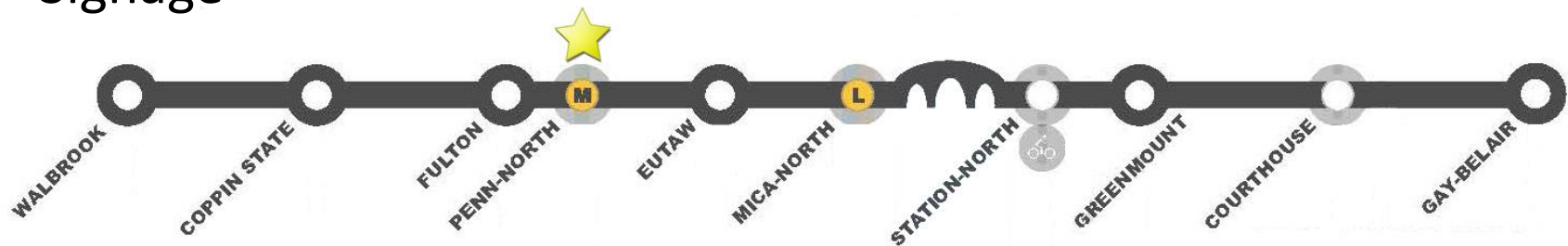
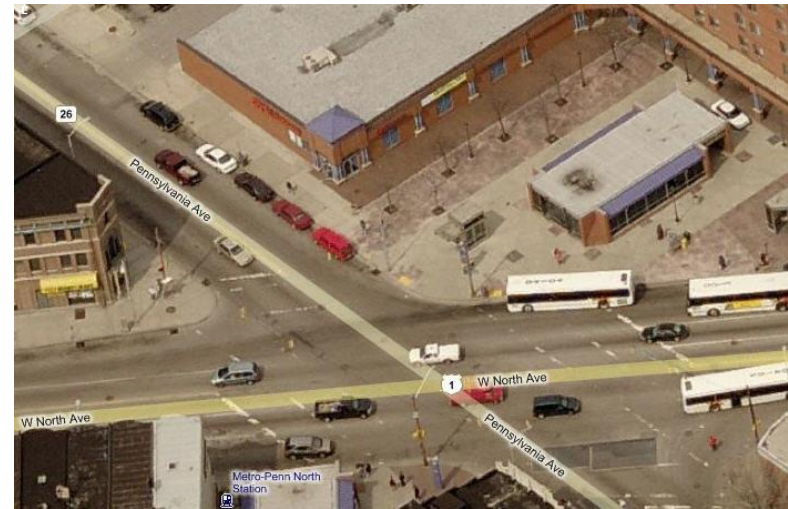
Penn-North Metro Station Improvements

- 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

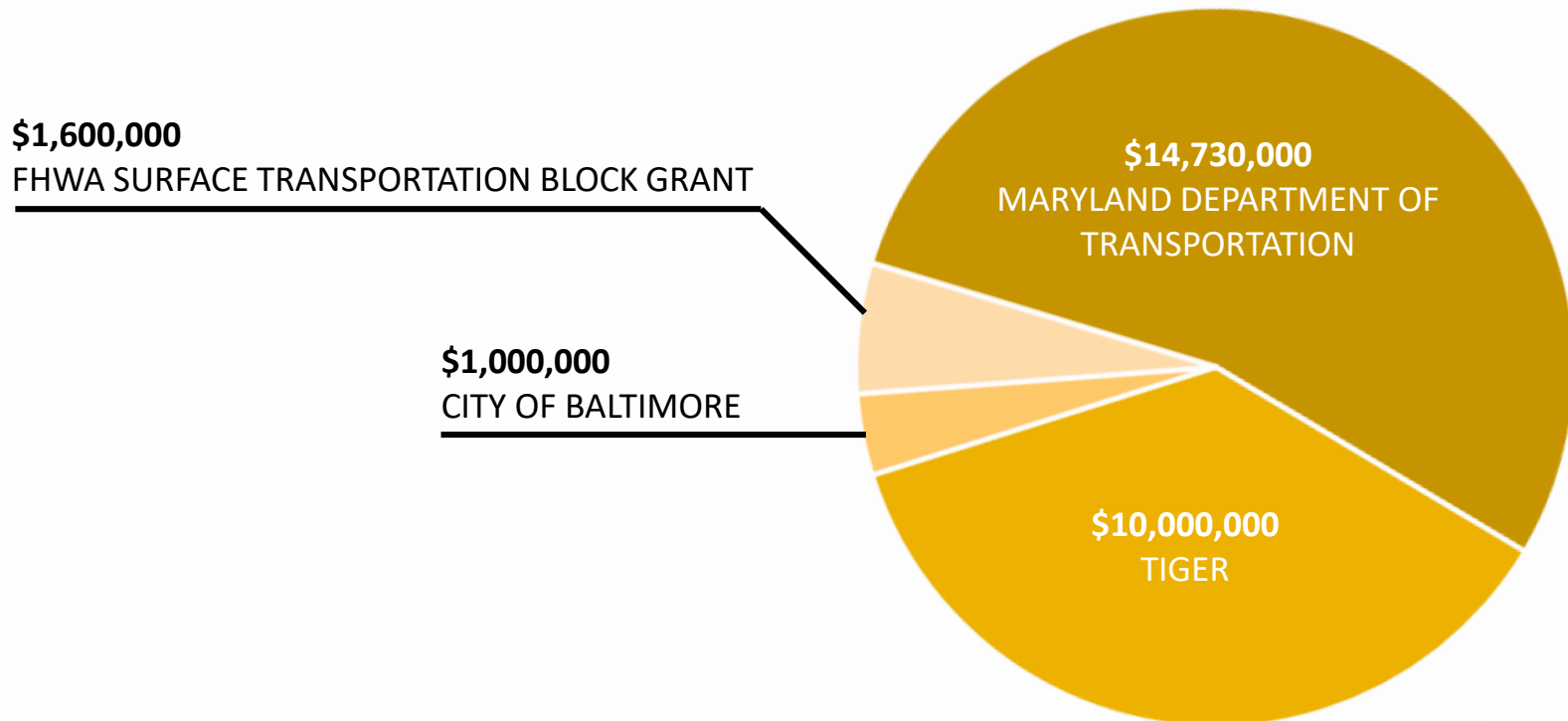


Project Budget by Element

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
TOTAL	\$27,330,000



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			★	



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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