

Baltimore Region FY 2017-2020 Transportation Improvement Program (TIP)

AMENDMENT

The graphic features a yellow background with a grey border. On the left, there is a yellow triangular warning sign with a black train icon. Below it is a green rectangular sign with white text that reads "PADONIA RD" and "WIGHT AVE". To the right of these signs, there are two bullet points: "• Train Detection & Worker" and "• Warning System project". Below these, there are two more bullet points: "• MD 45: Padonia Road to" and "• Wight Avenue project". On the right side of the graphic, there are two white speech bubbles. At the bottom, there is a dark blue banner with the BRTB logo (two yellow chevrons followed by "BRTB") and the text "OPEN FOR COMMENT Through June 9, 2017".

- Train Detection & Worker
- Warning System project
- MD 45: Padonia Road to
- Wight Avenue project

»BRTB»» OPEN FOR COMMENT
Through June 9, 2017

Baltimore Regional Transportation Board

June 27, 2017

Who We Are

- BMC - Organization of Region's Elected Executives.
- BRTB - Baltimore Regional Transportation Board – Metropolitan Planning Organization



BRTB Members

- City of Annapolis – Michael Pantelides, Mayor
- Anne Arundel County – Steve Schuh, County Executive
- City of Baltimore – Catherine Pugh, Mayor (Vice Chair)
- Baltimore County - Kevin Kamenetz, County Executive
- Carroll County – Stephen Wantz, Board of Commissioners
- Harford County – Barry Glassman, County Executive
- Howard County – Allan Kittleman, County Executive (Chair)
- Queen Anne’s County – Stephen Wilson, Board of Commissioners
- MD Department of Transportation – Pete Rahn, Secretary
- Maryland Transit Administration – Paul Comfort, Administrator
- MD Department of the Environment – Ben Grumbles, Secretary
- Maryland Department of Planning – Wendi Peters, Secretary
- Harford Transit – Robert Andrews, Administrator



What We Do - BRTB

- Air Quality
- Bicycle and Pedestrian
- Emergency Preparedness
- Freight
- Safety
- Transit



What We Do - BRTB

- Two-year work program (UPWP)
- Short-term transportation program (TIP)
- Long-range transportation plan (*Maximize 2040*)
- Air quality assessments of all transportation projects



What is the Transportation Improvement Program (TIP)

- Short-range (four-year) program of transportation improvements & priority projects
- Financially constrained
- Authorizes project sponsor to seek or use federal funds
- Generally updated annually
 - Current TIP is FY 2017-2020
- Amendments require 30-day public review
 - New projects, new funding, etc.



Air Quality Assessment

- The TIP goes through a process that compares estimated pollutants (emissions) from transportation projects to limits (budgets) set by the state.



This report, called a “conformity determination”, addresses the 8-hour ozone standard.





- Train Detection & Worker
- Warning System project

- MD 45: Padonia Road to
- Wight Avenue project



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**OPEN FOR
COMMENT**

Through June 9, 2017

Proposed Amendments

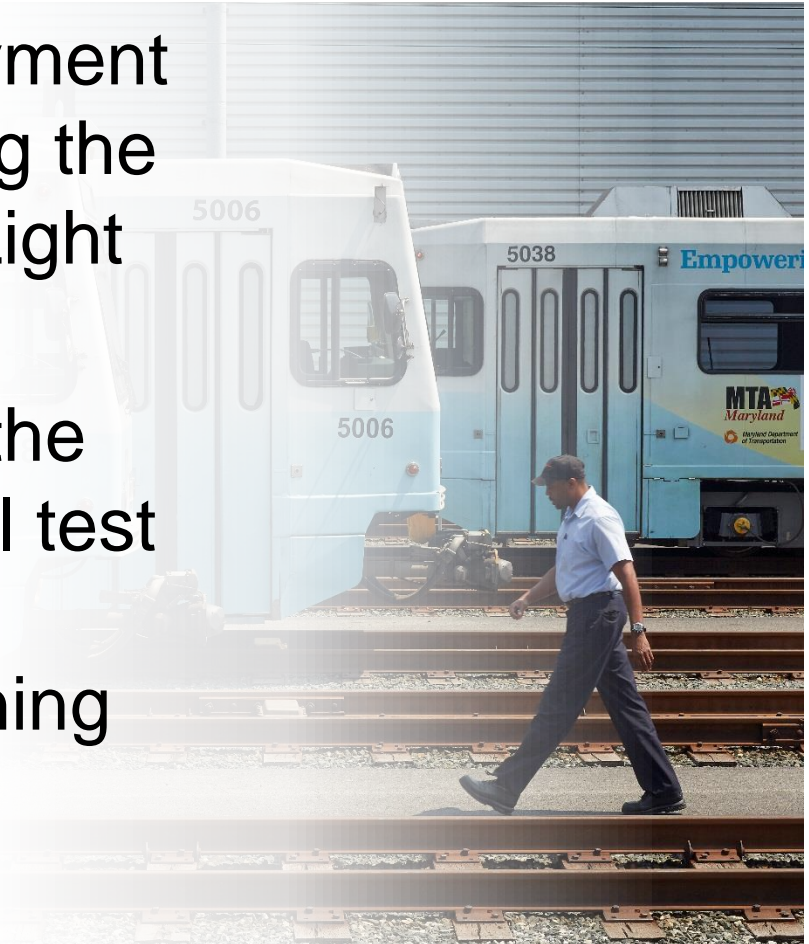
June 2017

- MTA: Fixed Location Train Detection and Worker Warning System
- SHA: MD 45: Padonia Road to Wight Avenue



Fixed Location Train Detection and Worker Warning System

- Installation of fixed deployment system (ZoneGuard) along the entire length of the MTA Light Rail line
- Study in partnership with the State of New York that will test the proof-of-concept of an electronic secondary warning system

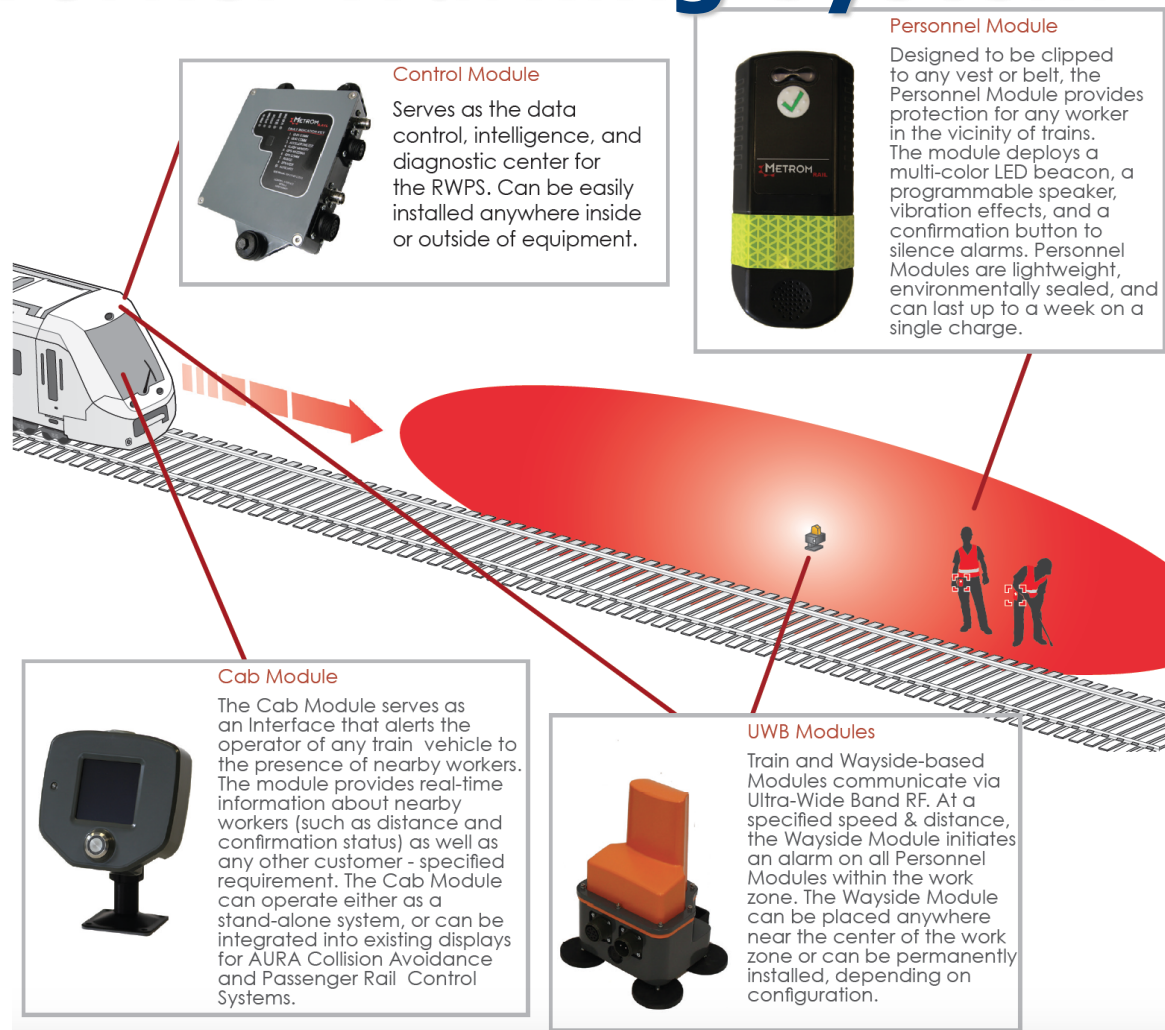


Fixed Location Train Detection and Worker Warning System

- Electronic secondary warning system that warns work crews in the track of approaching trains
- Fixed devices along the Light Rail line communicate with devices worn by rail workers
- Enhances the safety of track workers
- Increases available track maintenance time



Fixed Location Train Detection and Worker Warning System



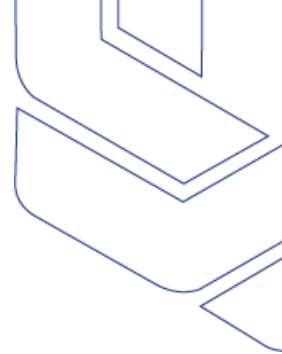
Fixed Location Train Detection and Worker Warning System



5312 FUNDING	AMOUNT
FEDERAL	\$688,000
STATE OF MARYLAND	\$280,000
PRIVATE (MILLER/METROM)	\$2,003,552
NEW YORK CITY TRANSIT	\$18,000



Fixed Location Train Detection and Worker Warning System



DATE	MILESTONE
7/1/2017	Project begins
10/13/2017	Product installation, testing, and verification (NY) complete
12/31/2017	Product installation, testing, and verification (MD) complete
3/15/2018	Data collection and evaluation (NY) complete
10/1/2018	Data collection and evaluation (MD) complete
2/1/2019	Final report with evaluation draft complete



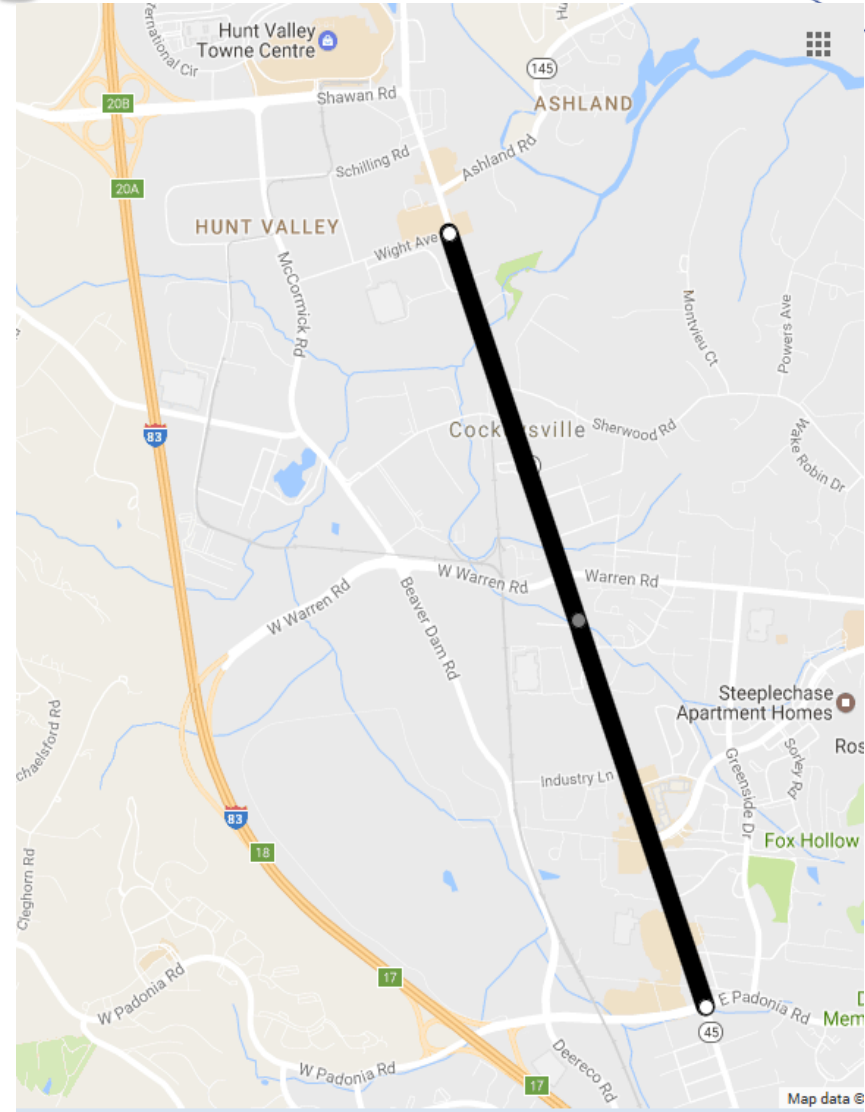
MD 45 (York Road) Padonia Road to Wight Avenue

Schedule

Advertisement: 06/13/2017

Notice to Proceed: 09/25/2017

Completion: Fall 2020



Baltimore Metropolitan Council

MD 45 (York Road)

Padonia Road to Wight Avenue

- Utility project followed by roadway resurfacing
- Baltimore County 24 inch water main replacement
- Major Project (> \$10 million) in MDOT CTP

Total Costs (in thousands)

Design	\$ 662
Roadwork	\$ 3,507
<u>Waterline (County funds)</u>	<u>\$ 13,200</u>
Total	\$ 17,369
<i>Federal Aid</i>	<i>\$ 2,736</i>



Share your thoughts

Comments welcome through **June 9, 2017** to:

The Baltimore Regional Transportation Board
Attn: Public Involvement Coordinator
1500 Whetstone Way, Suite 300
Baltimore, MD 21230

Fax: 410-732-8248

E-mail: comments@baltometro.org

Twitter: @BaltoMetroCo @BmoreInvolved #BRTBlistens



Comments are also welcome during the Public Comment Opportunity of the BRTB meetings at 9:00 am on Tuesday, May 23 and Tuesday, June 27 (scheduled vote).



Baltimore Metropolitan Council

