



MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION

TRANSIT ASSET MANAGEMENT IMPLEMENTATION

Holly T Arnold

Director of Planning and Capital Programming

Justin M Barclay

Transit Asset Management Program Manager



MDOT Maryland Transit Administration

1,795 sq. miles

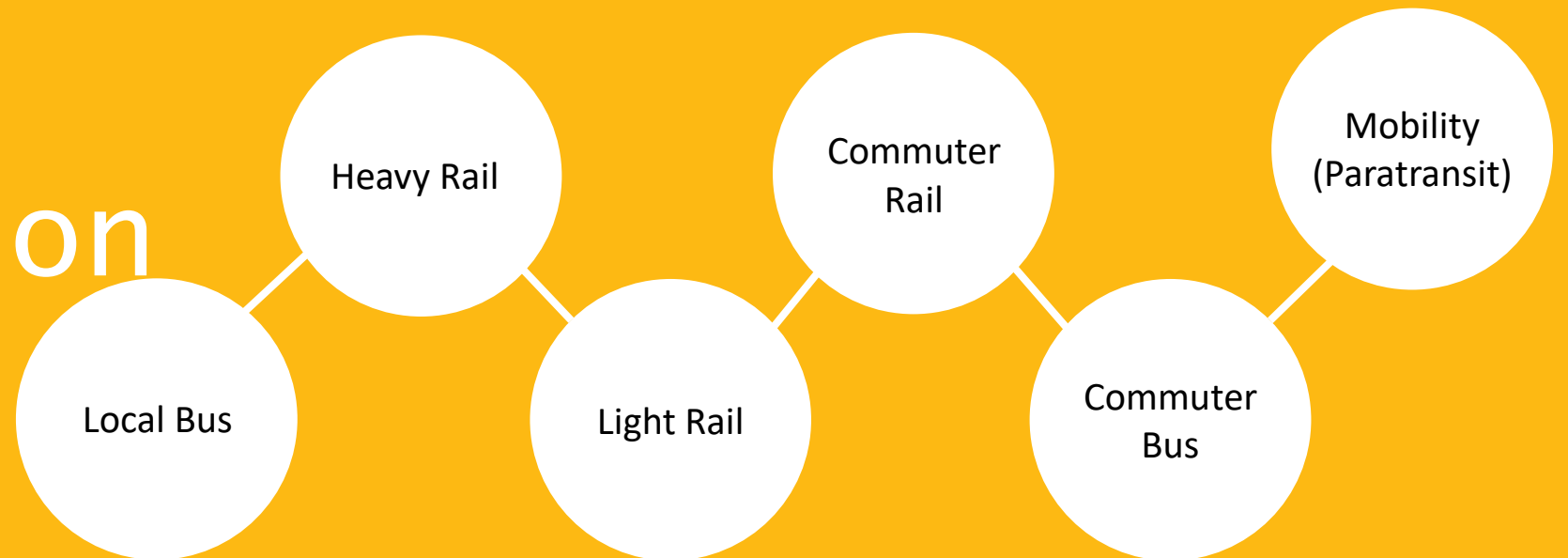
Service Area

\$9.25 Billion

Asset Base (2017)

23

Locally Operated
Transit Systems





Initial Challenges To Asset Management Implementation

- Inventory
- Asset Owners not understanding “what’s in it for me?” or simply “don’t get it”
- Lack of an Asset Management Program



Transit Asset Management at MDOT MTA

- Completed
 - ✓ Transit Asset Management Directive
 - ✓ Transit Asset Management Plan (TAMP)
 - ✓ 7 Modal Lifecycle Management Plans (LMP)
- Completed an Investment Prioritization Tool to aid in the prioritization of capital projects



Transit Asset Management at MDOT MTA – Ongoing Efforts

- Utilizing TERM Lite to project State of Good Repair (SGR) needs, prioritization, and capital expense forecasting
- Updating Lifecycle Management Plans for all modes
- Executing improvement projects as outlined in the TAMP
- **Improving asset inventory process through TAM Pilot**
- **Leading Agency-Wide Asset Management Workshops to help define roles & responsibilities for Executives and Staff, customized to each office/division**



Inventory Collection & Process Improvement

Asset Management to Date

Asset Inventory

Asset Data Collection Processes

Asset Data Reporting

Next Steps

Better O&M Strategies

Better O&M Processes

Better Supporting Technology

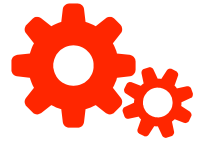


Agency-Wide Asset Management Workshops

Administrator
Support

High Level
Overview

Customized
Workshops



Asset Management Workshops

- Office /Division based workshops
- Spread over two years
- One-two hours each
- Combination of video and live presentations



Summary

Solutions

Challenges

Inventory

Determine inventory; updating annually

Lack of Program

Early development of Directive/Policy; full time coordinator for asset management; tangible deliverables for stakeholders

Unfamiliarity

Agency-Wide Asset Management Workshops to improve knowledge, define roles/responsibilities

TAM Kickoff Video

Thank You

Holly T Arnold

Director of Planning and Capital Programming
MDOT Maryland Transit Administration

410-767-3027

harnold@mta.maryland.gov

Justin M Barclay

Program Manager, Transit Asset Management
MDOT Maryland Transit Administration

410-767-3759

jbarclay@mta.maryland.gov