



Transit Asset Management (TAM)

Board of Directors
November 1, 2018
Agenda Item # 12



Overview

- TAM Requirements
- New TAM Policy
- New TAM Program
- Next Steps

TAM Requirements

- Aging Assets - \$90B nationwide backlog
- 2016: New FTA TAM Rule
 - Requirement to receive federal funds
 - TAM Plan due Oct 1, 2018
- TAM Plan completed Sep 28, 2018
 - Request Board to adopt new TAM Policy

New TAM Policy

“Caltrain is committed to sustainably maintaining its assets in a State of Good Repair in order to deliver a safe and reliable passenger rail service.

This commitment will be ensured through:

- Financial stewardship and resource allocation*
- Promoting a culture that supports asset management*
- Focusing on high quality information*
- Risk-based approach for decision making”*



New TAM Policy

FOCUS AREA	TAM GOAL
Safety	Maintain assets in a SOGR to support a safe operating environment for employees, customers, and the public
Fiscal Sustainability	Build and promote financial sustainability through implementation of asset management best practices
Infrastructure & Rolling Stock	Maintain assets in a SOGR to support a high quality passenger rail service
Organizational Efficiency	Strengthen asset management processes
People and TAM Culture	Promote asset management culture throughout the organization

New TAM Program

Prioritizes funding based on useful-life, age, or condition to maintain a SOGR

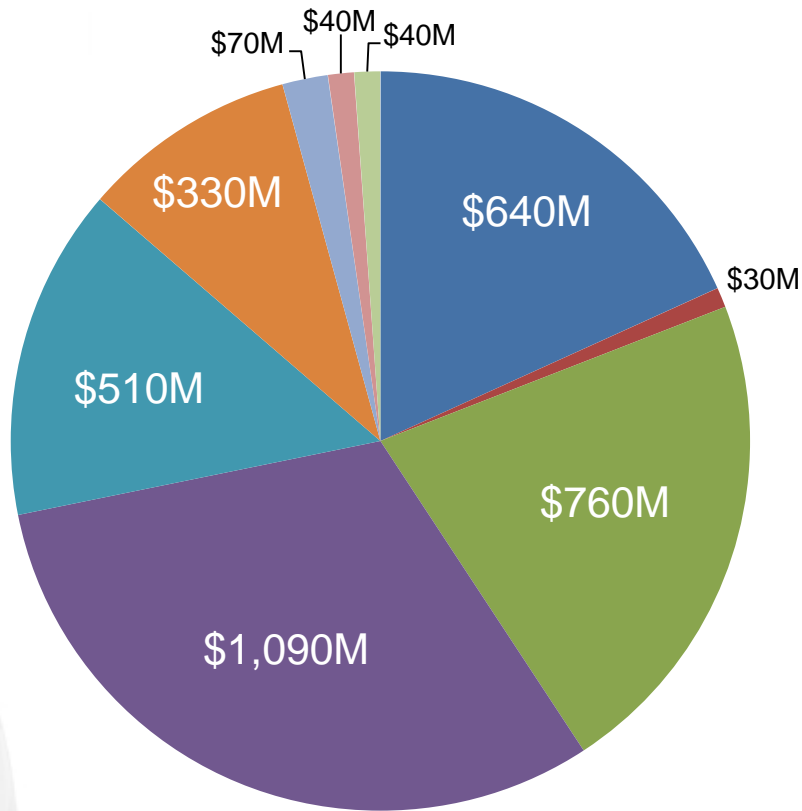
- Based on FTA guidelines
- Systematic process
- Risk-based evaluation
- Consistent approach for different types of assets
- Coordinated by Engineering; Agency-wide effort

New TAM Program

What does it provide?

- Distribution of available funds by asset types
- Estimated costs for future SOGR projects
- Asset information to meet reporting requirements
- Planning tool - 20 year outlook
- Transparency
- Lower long-term maintenance costs
- Key Performance Indicators (KPI)
- Increase reliability
- Improve safety

Asset Overview by Replacement Value



Current Assets

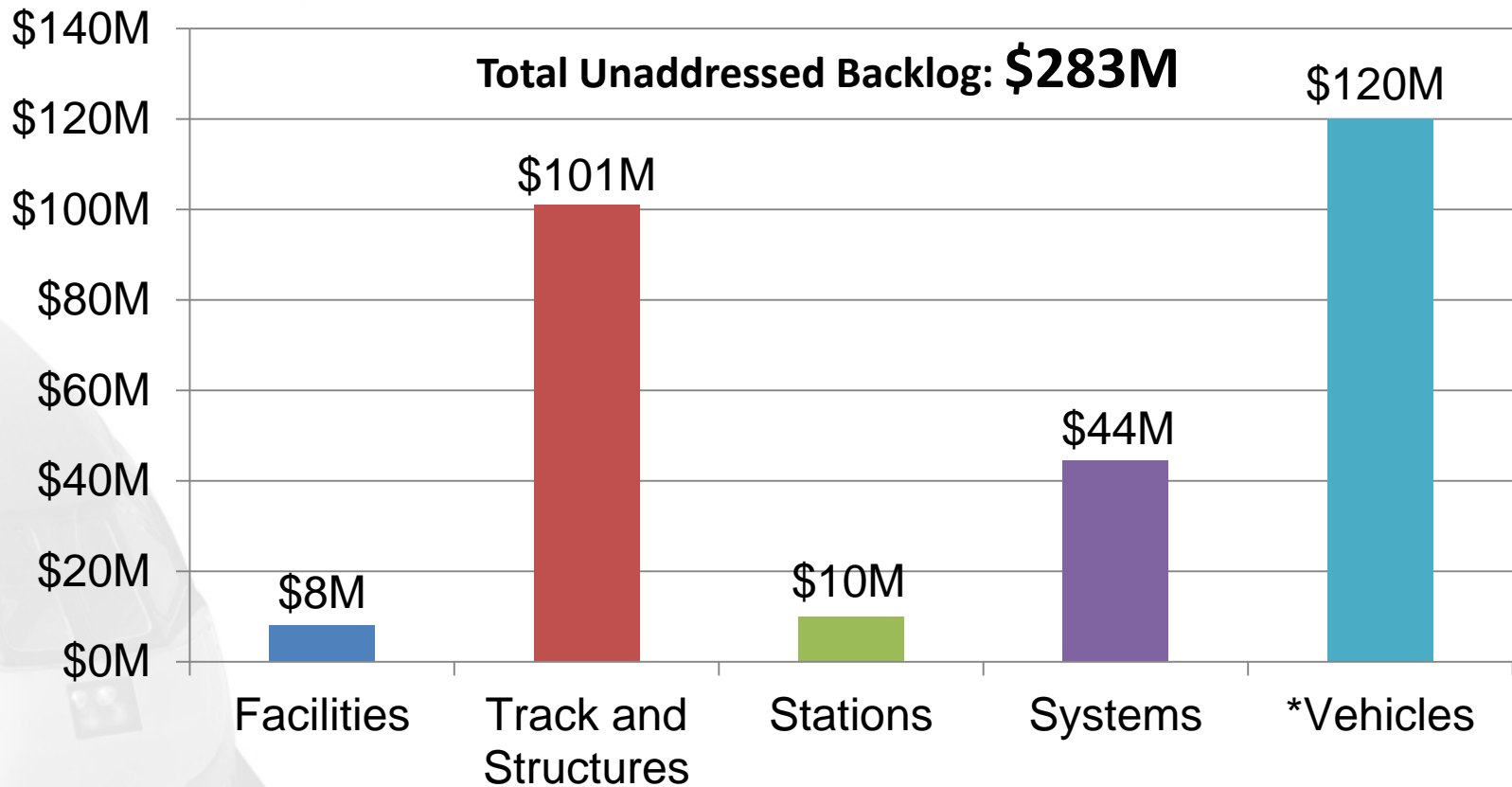
- Rolling Stock
- MOW Equipment & Service Vehicles
- Track
- Structures
- Stations
- Maintenance Facilities
- Signals
- Communications
- Fiber

*Future Assets – (additional \$720M)

- Positive Train Control
- Overhead Contact System
- Traction Power System
- Additional Rolling Stock

Total Current Asset Value: \$3.5B*

Current Backlog



* EMU replacement addresses an additional vehicle backlog which is not shown here.

Next Steps

- Recommend adopting TAM Policy

- Program Rollout
 - Resource enhancements
 - SOGR investment recommendation
 - Integrate with future budget planning
 - Future TAM Plan updates

 - ***Additional SOGR needed for new assets***