



Transit Asset Management Plan

Palm Tran Transit Asset Management Plan

Presentation to the TPA Governing Board

DECEMBER 13, 2018





Asset Management Journey





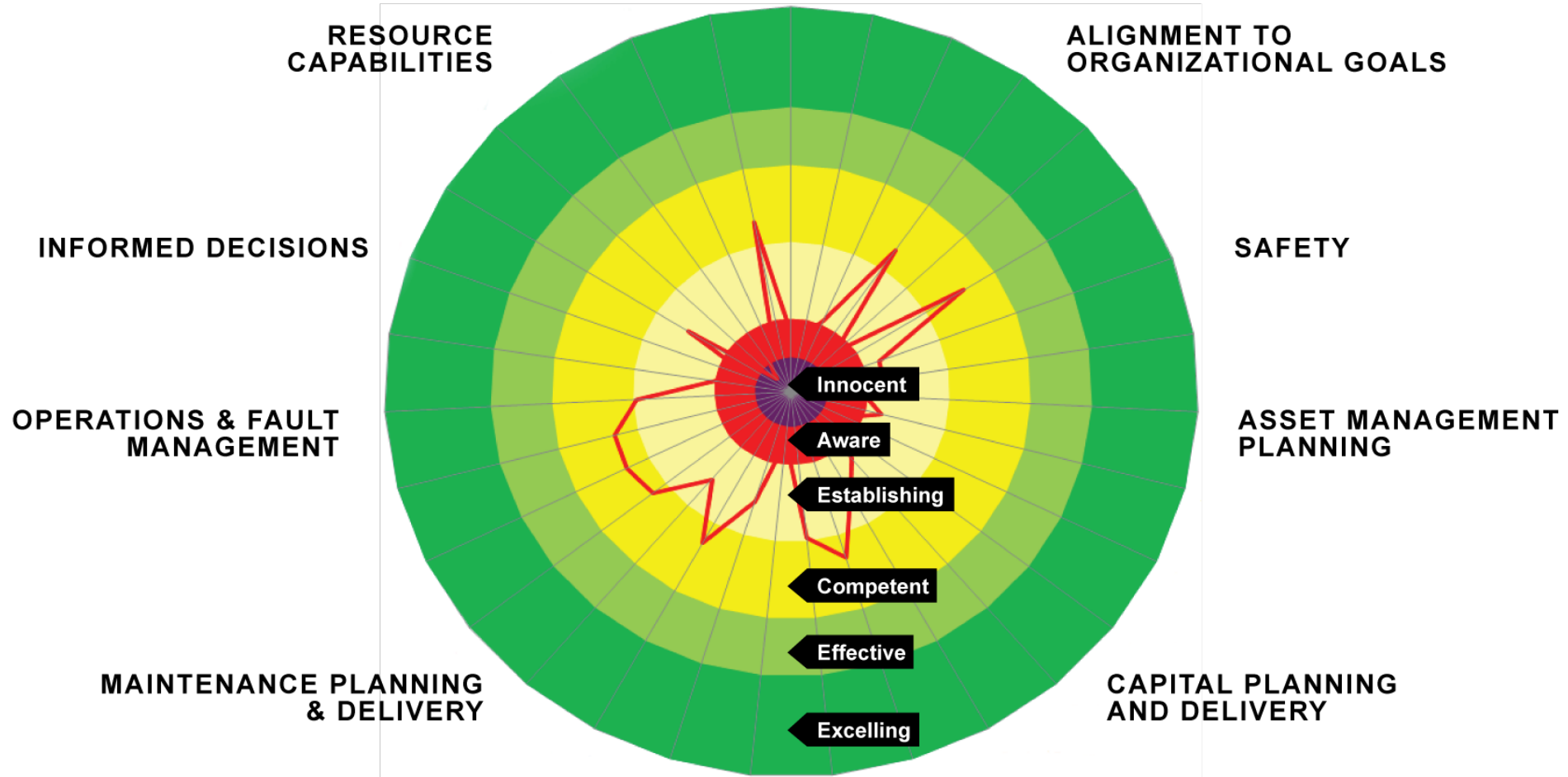
Asset Management Baseline Assessment

- Assessment model mapped to global standards, industry best practice, federal requirements for asset management
- Held interviews and workshops with each part of the business to assess against eight subject areas or “pathways” for asset management success
- Highlighted areas of strength and opportunities for improvement





Baseline Assessment Performance Areas





U.S. 49 CFR 625 requires transit agencies to establish asset management practices and develop an asset management plan by October 1, 2018

Key TAM Requirements	Transit Asset Management <i>Plan</i> Requirements
✓ Identification of the 'Accountable Executive' ultimately responsible for asset management practices	Establish an inventory of all capital assets
✓ Establishment of TAM Performance Targets →	Provide an assessment of asset condition
✓ Develop a TAM Plan	Describe the resources and processes needed to bring or maintain assets in a state of good repair
Report asset inventories, condition, and performance measures through the NTD	Describe the decision support tools and investment prioritization methods
Also includes risk identification, assessment, and management as a requirement of agency safety plans and asset management planning	Identify project-based prioritization of investments
	Define the TAM and SGR Policy
	Discuss the TAM Plan implementation strategy
	Describe key TAM activities to be undertaken during the 4yr horizon
	Outline how the TAM Plan will be monitored and updated

✓ Completed ✓ In Progress



Palm Tran's TAM Plan Approved 9-24-18

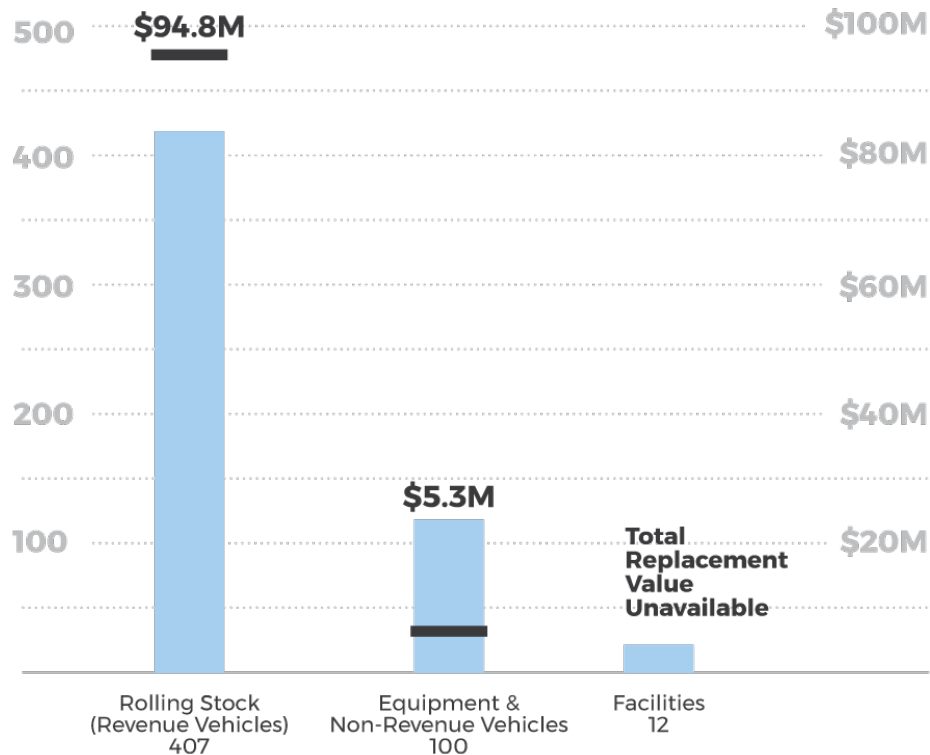


- Asset Management Policy
- Asset and Asset Management Performance
- Asset Portfolio
- Risk Management
- Asset Lifecycle Management Strategies
- Work Plans and Budget Forecasts
- Asset Management Enablers
- Continuous Improvement

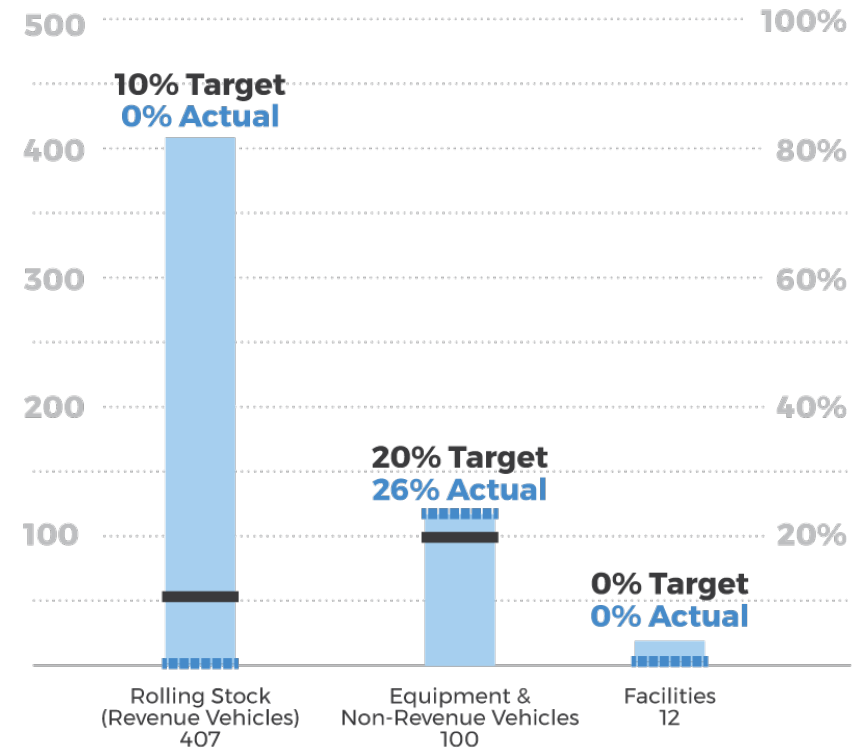


Assets and Performance Summary

Summary of Palm Tran Asset Inventory

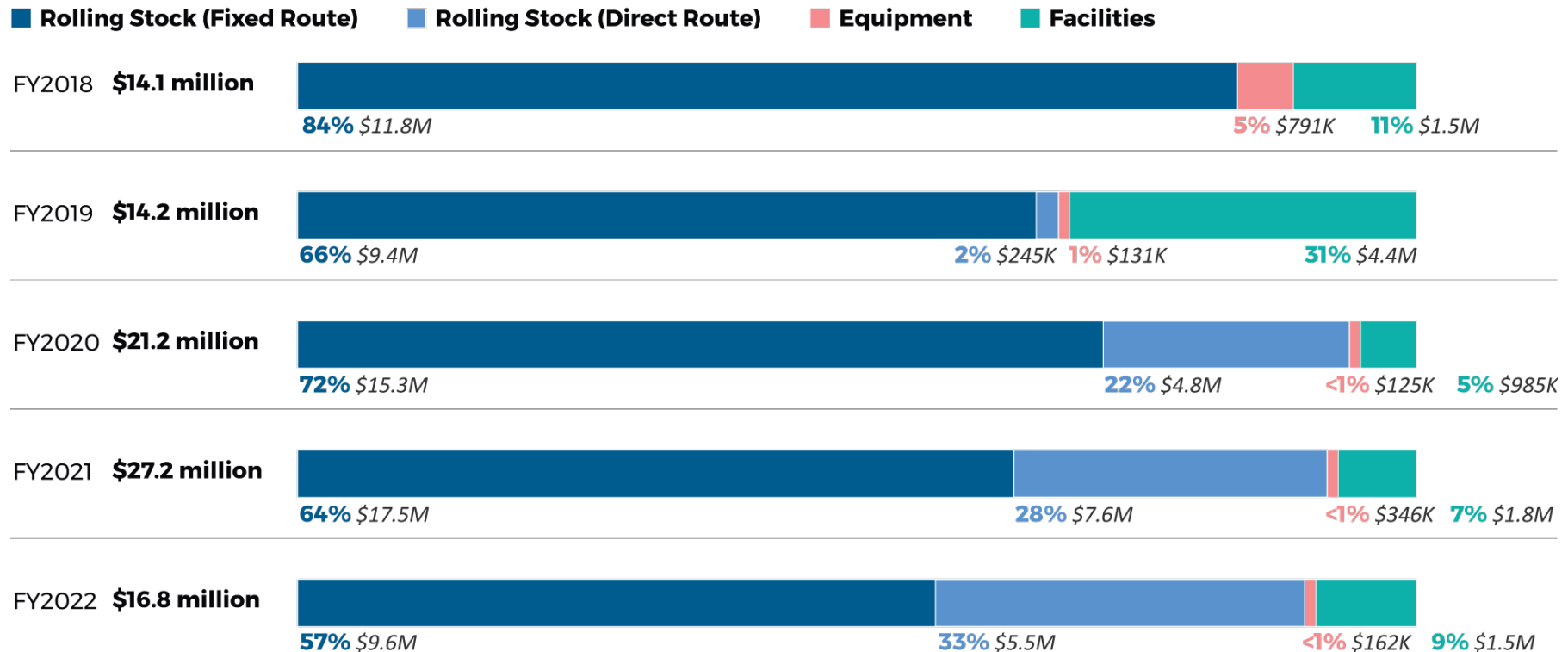


FY2018 (As of June 2018) Asset Performance — Technical Levels of Service





FY2018-FY2022 Summary of State of Good Repair Investment Needs by Asset Class



Sources: "Palm Tran Facilities – Capital Improvement Plan – Forecast FY2018.xlsx," "New Fleet Replacement Calculations v1.8.1.xlsx," "Car Fleet Replacement Calculations v1.6.xls"



Core Asset Management Roles & Responsibilities

- Asset Managers
 - Maintenance Managers
 - Capital Asset Planning
 - Capital Project Delivery
 - Asset Management Essential Support
- Asset Management Essential Support
 - ✓ Executive Director and Accountable Executive
 - ✓ Senior Manager of Government Affairs
 - ✓ Capital Grants
 - ✓ Director of Administrative Services
 - ✓ Manager of Performance Management
 - ✓ Procurement Manager
 - ✓ Senior Manager of Human Resources
 - ✓ Information Technology Manager



Continuous Improvement & Next Steps

In October 2018, Palm Tran held a workshop to:

- ✓ Further develop its improvement program: 39 improvement actions/initiatives identified
- ✓ Establish roles and responsibilities



**ASSET AND ASSET
MANAGEMENT PERFORMANCE**

7 actions



ASSET PORTFOLIO

4 actions



RISK MANAGEMENT

4 actions



**LIFECYCLE MANAGEMENT
STRATEGIES**

8 actions



**WORK PLANS AND
BUDGET FORECASTS**

2 actions



**ASSET MANAGEMENT
ENABLERS**

14 actions

*TAM Plans are to be updated in their entirety **at least once every 4 years**, but should be updated following significant changes (e.g., major changes to asset inventory, operations)*



Transit Asset Management Plan

Thank You!

For questions, please contact:

Robert Manzano, Palm Tran Project Manager

Rmanzano@pbcgov.org

Tiffany Batac, WSP Project Manager

Tiffany.Batac@wsp.com

