

# Transit Asset Management Roundtable Keynote Address

TRB 12<sup>th</sup> National Conference  
on Transit Asset Management  
July 15, 2018

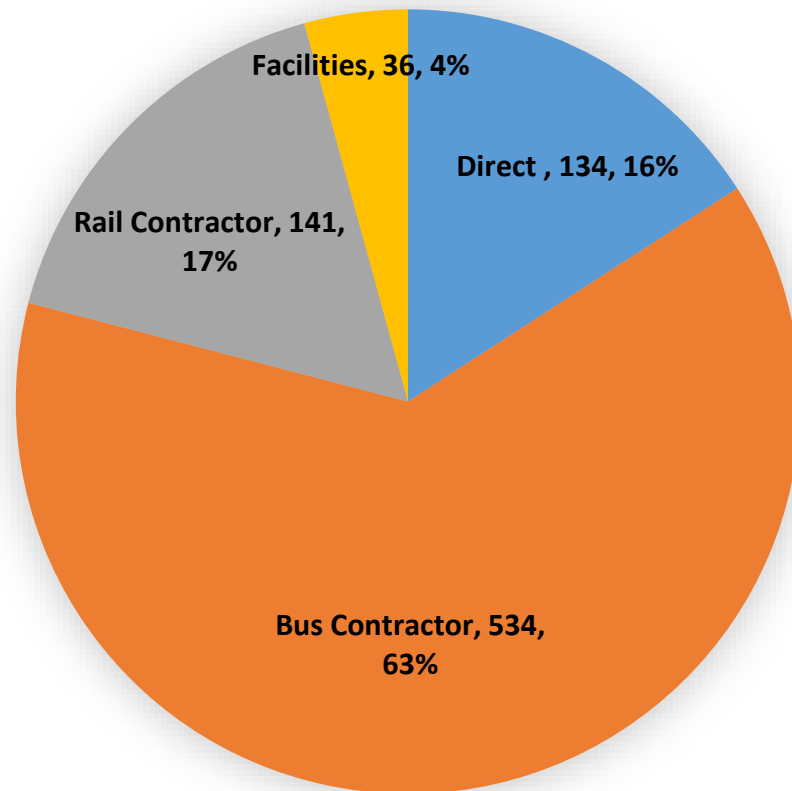


# About NCTD



- **10.7** million passenger trips/year
- **\$110** million operating budget and **\$25** million CIP (FY 2019)
- NCTD is responsible for **82** directional miles of track that support freight and passenger rail operations

# NCTD is a Contracts Management Agency



Direct Bus Contractor Rail Contractor Facilities

# What is Transit Asset Management?

Asset Management is about...



Doing the  
right amount  
of work



At the  
right time



To deliver  
the right  
service level



For the  
right cost

# NCTD TAM Vision

---

- Data-driven decisions to plan for and obtain most value from NCTD's asset investments

# TAM Matters!

## Sprinter shutdown jolts North County



At the Sprinter maintenance facility in Escondido, Bob Young General Manager Operations of Maintenance for Bombardier shows an example of the brake rotor that are prematurely wearing out by as much as 12 months. The brake rotor which has been unbolted from the wheel assembly is the object in the center of the axle. (Nelvin C. Cepeda)



# TAM Plan Status

- Initiated plan development in-house in 2017
- Contracted with WSP to provide support in April 2018
- Currently collecting plan information and preparing draft TAM Plan

## Table of Contents

Accountable Executive Statement.....	
Plan at a Glance.....	
1 Introduction .....	
2 Asset Management Policy.....	
3 Capital Asset Inventory.....	
4 Performance and Condition.....	
5 Risk Management .....	
6 Asset Lifecycle Strategies.....	
7 Decision Support.....	
8 Investment Prioritization .....	
9 Implementation Strategy and Key Annual Activities.....	
10 Resources.....	
11. Continuous Improvement.....	
Appendix A: Key Terms and Definitions.....	
Appendix B: Asset Management Baseline Assessment.....	
Appendix C: U.S. 49 CFR Requirements.....	

# NCTD TAM Plan Approach

Task	Key Activities	Schedule	NCTD Input
Review Current Asset Management Practices	Review TAM process through survey and interviews	June 2018	<ul style="list-style-type: none"> <li>Complete current practices survey</li> <li>Participate in interviews to review current practices</li> <li>Review current TAM practices and environment findings report</li> </ul>
Assess TAM Environment	Review roles / responsibilities, capabilities and supporting technology systems	June 2018	
Review Agency Policies, Goals, and Objectives	Review, refine agency TAM goals, objectives	July 2018	<ul style="list-style-type: none"> <li>Participate in workshop to review improvements to TAM policy, goals, objectives</li> </ul>
Develop Performance Measure Framework	Develop performance targets, measurement system	August 2018	<ul style="list-style-type: none"> <li>Review performance measurement framework and report card</li> </ul>
Develop Investment Plan	Short term (5-yr) and long term (20-yr) investment plans	August 2018	<ul style="list-style-type: none"> <li>Review short-term and long-term investment plans</li> </ul>
TAM Plan Delivery and Implementation	Draft and Final TAM Plan	September 2018	<ul style="list-style-type: none"> <li>Review draft and final TAM plan</li> </ul>





# TAM Plan Outcomes

---

- Establish a consistent framework for collecting inventory and condition data
- Identify the key activities that NCTD will focus on to advance its asset management practices
- Develop a TAM Plan that is practical and realistic and can be updated independently by NCTD in the future

# TAM Improvement Program

---

- Consistent understanding of asset management principles and benefits among all divisions
- More granular and accurate data for all asset classes
  - Store asset information in NCTD's system of record
    - Most maintenance work is outsourced to a multitude of vendors
- Standard operating procedures for asset lifecycle management
- Structured framework for lifecycle planning, including overhauls and replacements
- Currently identifying others to be implemented in 4-year timeframe

# Questions?

---

For additional questions please contact:

**Matthew O. Tucker, Executive Director**  
[MTucker@nctd.org](mailto:MTucker@nctd.org)