

# Enterprise Asset Management System (EAMS)

LOP Budget Increase & Implementation  
Services Contract Award



# Introduction

## Objective:

Replace the over 15-year-old asset management system (M3) with a modern Enterprise Asset Management System (EAMS) that improves efficiency, data accuracy, reporting capabilities and Metro's ability to provide safe and reliable transportation.

## Background:

- M3 does not provide critical functionality now required to meet the federal State of Good Repair (SGR) requirements
- In 2017, Metro Board of Directors was notified of the intent to replace an existing maintenance management system with a new EAM system
- In 2019, the Metro Board of Directors approved Phase 1 of the project
  - Award of a contract for software and initial LOP request of \$45.8 million
  - \$13.3 million expended in FY20 and FY21 on software, hardware and internal labor.

## Next Steps:

- Phase 2 – EAMS implementation



# Recommendations

- A. Approve Life of Project (LOP) budget increase of \$22.9 million from \$45.8 million to \$68.7 million.
  
- B. Authorize the CEO to award
  - A firm fixed price contract to KPMG LLP for implementation of the Enterprise Asset Management System (EAMS) in the amount of \$36.5 million
  - Three options for annual assessments for \$587K, \$395K, and \$228K for a total of \$37.7 million

DEOD Goal (Recommendation B):

KPMG exceeded the Small Business Enterprise (SBE) goal of 17% with a commitment of 34.02% and meets the Disabled Veteran Business Enterprise (DVBE) goal of 3% for this solicitation.

# LOP Budget Increase

- The recommendation to increase the LOP budget is required in order to complete the project
- Initial LOP budget estimates were based on research and general market surveys but Metro's implementation is unique and complex
- LOP budget request was preliminary prior to finalization of the Phase 2 scope (similar to a design build approach)
  - Procurement separated in two phases to ensure best-in class software and implementation services obtained
  - Higher effort needed for interfaces, configuration, and training/change management
- LOP budget also includes an estimated \$3.45 mil for the implementation services for Bentley AssetWise
  - Software needed for managing linear railway assets
  - In negotiations and will return to the board for approval



# LOP Budget Increase

	Initial LOP Budget	Increase
Internal Labor	\$5,248,042	\$4,550,000
Software	\$8,205,991	\$0
Maint/ Licensing	\$1,800,000	\$1,890,000
Hardware	\$1,450,000	\$0
Misc	\$754,525	\$0
Implementation Services	\$28,341,442	\$15,300,012
Annual Assessments		\$1,209,988
<i>Total</i>	<i>\$45,800,000</i>	<i>\$22,950,000</i>

\* An annual review of availability of funds, project progress and potential areas for project scope reduction will be performed each fiscal year

# Project Timeline

## Proposed Project Timeline for EAMS Project

