

Since 1998, BATA and Caltrans have uniquely joint-ventured on the bridges

Statutory roles:

- Caltrans: Owns, operates, maintains, and manages rehabilitation of the bridges, including toll facilities
- BATA: Budgets and reimburses Caltrans' work and administers the toll revenue including budget and financing action

Since Spring 2021, the agencies have been jointly pursuing Asset Management



Enhanced asset management timeline

BATA Recovery Action Plan (June 2021)



New Resources

- 1. Added 1 dedicated BATA FTE
- 2. Engaged ISO expert via contract
- 3. Defined Caltrans and BATA work scope



Complete Plans

- 1. Continue efforts to align with ISO 55001
- 2. Complete Asset Management Plan for all bridges by end of 2025

WE ARE HERE

2021

2022

2023-24

2025+



Engage

- Completed ISO 55001 High Level Diagnostic
- 2. Partnered with Caltrans on Asset Management Plan for two bridges



Perform & Continuous Improvement

Caltrans and BATA performance of state of good repair strategy, monitoring and updating asset management plans as needed and in alignment with ISO 55001



Asset management leadership

Adopting Policy & Objectives

- We share with Caltrans responsibility for the bridges
- The financial viability of the bridge system depends on maintaining the asset
- BATA supports toll bridge asset management
- We are aligning with ISO 55001



In good company

Transportation agencies are choosing to align with ISO 55001 rather than pursue certification:

- Industry Alignment is more prevalent, including US DOTs and tolling agencies
- Timing Certification is a natural progression for mature programs
- Atypical Governance CT and BATA jointly steward the toll bridges, the dual leadership will require additional clarification for certification



Asset management policy & objectives

BATA Toll Bridge Asset Management Principles



Focusing on People & Safety

Customers, Partner Agencies & Staff



Addressing Life Cycle Cost



Adopting a Quantifiable

Approach



Promoting Sustainability & Ongoing Enhancement

BATA Toll Bridge Asset Management Objectives



Support
Caltrans
Capital &
O&M Efforts



Maintain
Desired Asset
Condition



Improve Funding Effectiveness



Increase Engagement



Strengthen
Asset
Management
Program



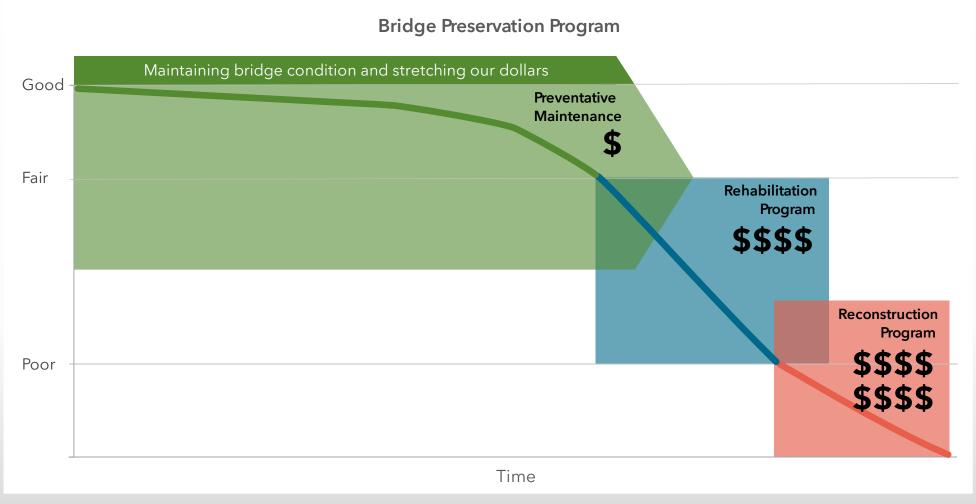
BATA/Caltrans Toll Bridge Asset Management Plans Update

Life Cycle Cost Analysis of a Bridge



Defer costly repairs for lower life cycle cost

Bridge preservation maximizes our dollars

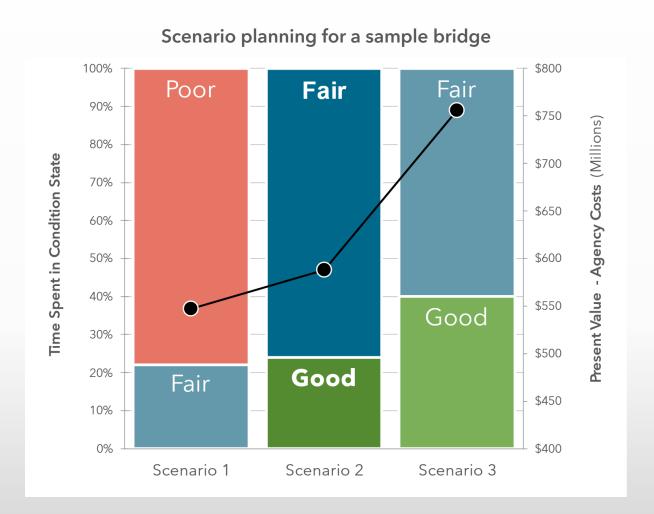






Sample Life Cycle Analysis results for a bridge

Establishing Toll Bridge Scenarios to Target Cost-Effective Strategies



- Scenario 1 Spot Repair:
 Fix bridge elements before they fall into very poor conditions
- Scenario 2 Reduce Backlog:
 Fix bridge elements as needed to sustain fair condition
- Scenario 3 Accelerate Rehab:
 Fix bridge elements as needed to increase time in good condition



Next steps

 Today, recommend BATA Approval of Policy & Objectives

 Return next year on BATA/CT Toll Bridge Asset Management Plans Progress

