

TAM ETG Webinar Series

Webinar 4:

Network Life Cycle Analysis Part 2: Case Studies

Sponsored by the TAM Expert Task Group

Submit questions and comments using the webinar's Q&A feature



Webinar 5 — November 11, 2015

Welcome

- The TAM ETG is pleased to sponsor this webinar on Network Life Cycle Analysis Part 2: Case Studies
- Since 2012, FHWA and AASHTO have been hosting these types of webinars to provide an opportunity to connect with the asset management community and to bring people together around a series of important topics
- Sharing knowledge is a critical component of advancing asset management practice
- All of the webinars in the series can be accessed online at: <http://tam.transportation.org/Pages/Webinars.aspx>

Agenda

- **FHWA Opening Remarks**
Steve Gaj, FHWA
- **Network Life Cycle Analysis for Bridge Management**
Beckie Curtis, Michigan DOT
- **Strategies to Reduce Life Cycle Costs at the Ohio DOT**
Andrew Williams, Ohio DOT
- **A Risk-based Approach to Managing Arterial Pavements**
Terry Martin, Ben Hansen and Tim Skeel, Seattle DOT
- **Question and Answer**
Matt Hardy, AASTHO

TAM ETG Overview

- Established to serve as a forum to discuss changes in the way highway agencies are managing assets
- Activities include:
 - Identifying strategies for advancing asset management practice and influencing change within state DOTs/MPOs
 - Providing input to FHWA, AASHTO, and TRB
 - Developing and implementing a plan for communicating the work of the TAM ETG to the transportation community.
- Meetings
 - In-Person Meetings are open to the public
 - November 17 and 18, St. Paul MN
 - <http://www.fhwa.dot.gov/asset/etg/>
- Membership
 - Public sector representing federal, state and local agencies

TAM ETG

Membership

- Members

- Tim Henkel (Chair), Minnesota DOT
- Brad Allen, New York State DOT
- Jennifer Brandenburg, North Carolina DOT
- Chris Champion, IPWEA (International)
- Chris Evilla, Waco MPO
- Moh Lali, Alberta, Canada (International)
- Laura Mester, Michigan DOT
- Randy Park, Utah DOT
- Omar Smadi, Iowa State University (Academia)

- Liaisons

- Steve Gaj, FHWA Office of Infrastructure
- DeLania Hardy, AMPO
- Matt Hardy, AASHTO
- Tom Palmerlee, TRB
- Neil Pedersen, TRB
- Nastaran Saadatmand, FHWA Office of Infrastructure
- Francine Shaw-Whitson, FHWA Office of Transportation Performance Management
- Egan Smith, FHWA Office of Planning

TAM ETG

Webinars Overview

1. March 11: Target Setting and TAMPs
2. May 13: TAM 101 for MPOs
3. July 8: Network Life Cycle Cost Analysis Part 1
4. **September 9: Network Life Cycle Cost Analysis Part 2**
5. November 11: Optimization and Cross-Asset Allocation
6. January 13, 2016: Integrating TAM into Agency Processes

FHWA

- Opening Remarks from **Steve Gaj**, FHWA Office of Asset Management, Pavements, and Construction



Network Life Cycle Analysis for Bridge Management

- Presenter:
 - Beckie Curtis, Michigan DOT

Strategies to Reduce Life Cycle Costs at the Ohio DOT

- Presenter:
 - Andrew Williams, Ohio DOT

A Risk-based Approach to Managing Arterial Pavements

- Presenters:
 - Terry Martin, Seattle DOT
 - Den Hansen, Seattle DOT
 - Tim Skeel, Seattle DOT

Questions?

- Submit your questions using the webinar's Q&A feature



Transportation Asset Management Expert Task Group

This webinar series is an opportunity for transportation professionals to gain a better understanding and more knowledge on the general topic of transportation asset management (TAM).

Webinar Series

March 11, 2015—2:00 p.m.–3:30 p.m. eastern

Target Setting in Asset Management Plans

[Register Here](http://bit.ly/1uk27AU) <http://bit.ly/1uk27AU>

An effective Transportation Asset Management Plan (TAMP) establishes clear links between agency performance targets and its investment strategies. During this webinar, presenters will discuss the processes used to establish performance targets as part of their TAMP development and their anticipated plans for setting and reporting interim targets as required under MAP-21.

May 13, 2015—2:00 p.m.–3:30 p.m. eastern

Transportation Asset Management 101 for Metropolitan Planning Organizations

[Register Here](http://bit.ly/18UJIBk) <http://bit.ly/18UJIBk>

Metropolitan Planning Organizations (MPOs) are recognizing the benefits to using asset management principles for planning and prioritizing regional investments. This webinar is designed for MPOs and other regional planning organizations to introduce the concepts of asset management and to show how several MPOs are using asset management to improve the effectiveness of how available funds are being used.

July 8, 2015—2:00 p.m.–3:30 p.m. eastern

Network Life Cycle Analysis (LCA) Part 1: Introduction and Overview

[Register Here](http://bit.ly/1DifIBL) <http://bit.ly/1DifIBL>

Managing assets cost-effectively requires agencies to consider all costs over the life of an asset: construction, maintenance, and rehabilitation activities. MAP-21 promotes the use of a LCA in a TAMP as a way of demonstrating the cost-effectiveness of different preservation strategies. Learn more about conducting a network-level LCA during this webinar and see how the results of their analysis can be used to improve the effectiveness of their investments.

September 9, 2015—2:00 p.m.–3:30 p.m. eastern

Network Life Cycle Analysis (LCA) Part 2: Case Study Examples

[Register Here](http://bit.ly/1D5NHWK) <http://bit.ly/1D5NHWK>

This webinar builds on the previous webinar by providing an opportunity for transportation agencies to share their experiences with conducting a network-level life cycle analysis, including how the results of the analysis have influenced their investment strategies.

November 11, 2015—2:00 p.m.–3:30 p.m. eastern

Optimization and Cross-Asset Allocation

[Register Here](http://bit.ly/1Kynlgy) <http://bit.ly/1Kynlgy>

Traditionally, agency investment decisions have focused on individual projects that address the needs of a single asset, such as a pavement or bridge. As agencies have advanced their asset management practices, there has been increasing interest in establishing investment strategies that cross the traditional silos. During this webinar, the TAM ETG presents its White Paper on the topic and delves into this topic in detail with a panel of state DOT executives.

January 13, 2016—2:00 p.m.–3:30 p.m. eastern

Integrating TAM into Agency Processes

[Register Here](http://bit.ly/1iil1hX) <http://bit.ly/1iil1hX>

In most agencies, TAM represents a new way of doing business, linking strategic, tactical, and operational plans through performance-based investment decisions. For TAM to be more than just a "fad" it is important that the principles of asset management are embraced at all levels of an organization. In this webinar, transportation agency representatives will share successes and challenges they have faced as they have integrated asset management into their business processes.

Register for the next webinar at:

<http://bit.ly/1D5NHWK>

Scheduled for:

September 9, 2015

2:00 to 3:30 PM Eastern

The webinar series is sponsored by the TAM Expert Task Group (ETG). Learn more about the TAM ETG at <http://tam.transportation.org>. For more information and questions, please contact Matthew Hardy, AASHTO Program Director for Planning and Policy at mhardy@aaashto.org.

