

2020 TRB Annual Meeting

Overview of NCHRP Project 08-109 and Links to Geotechnical Asset Management

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NCHRP 08-109 Research Objectives

Update the AASHTO Transportation Asset Management Guide—A Focus on Implementation to improve its effectiveness and thereby advance the practices of public-agency TAM

- **Assess the effectiveness of the current Guide**
- **Improve the Guide’s effectiveness and present the Guide in a form well-suited to future updating**
- **Make the guide as easy to use as possible with nuggets of information presented in ways that are easy to digest**

NCHRP 08-109 Project Team

- Team members

- Spy Pond Partners
- ApTech
- WSP

- Principal Investigators

- Hyun-A Park, SPP
- Katie Zimmerman, ApTech



NCHRP 08-109 Project Oversight

■ Panel

- Moh Lali, Alberta Ministry of Transportation (Retired)
- Tim Henkel, Minnesota DOT
- Elise Barrella, James Madison University
- Mara Campbell, CH2M
- Tamara Haas, New Mexico DOT
- Joshua Johnson, Bentley Systems
- William Johnson, Colorado DOT
- Lonnie Watkins, North Carolina DOT

■ Liaisons

- Nastaran Saadatmand, FHWA
- DeLania Hardy, AMPO
- Matt Hardy, AASHTO
- Tom Palmerlee, TRB

■ Senior Program Officer

- Andy Lemer, NCHRP

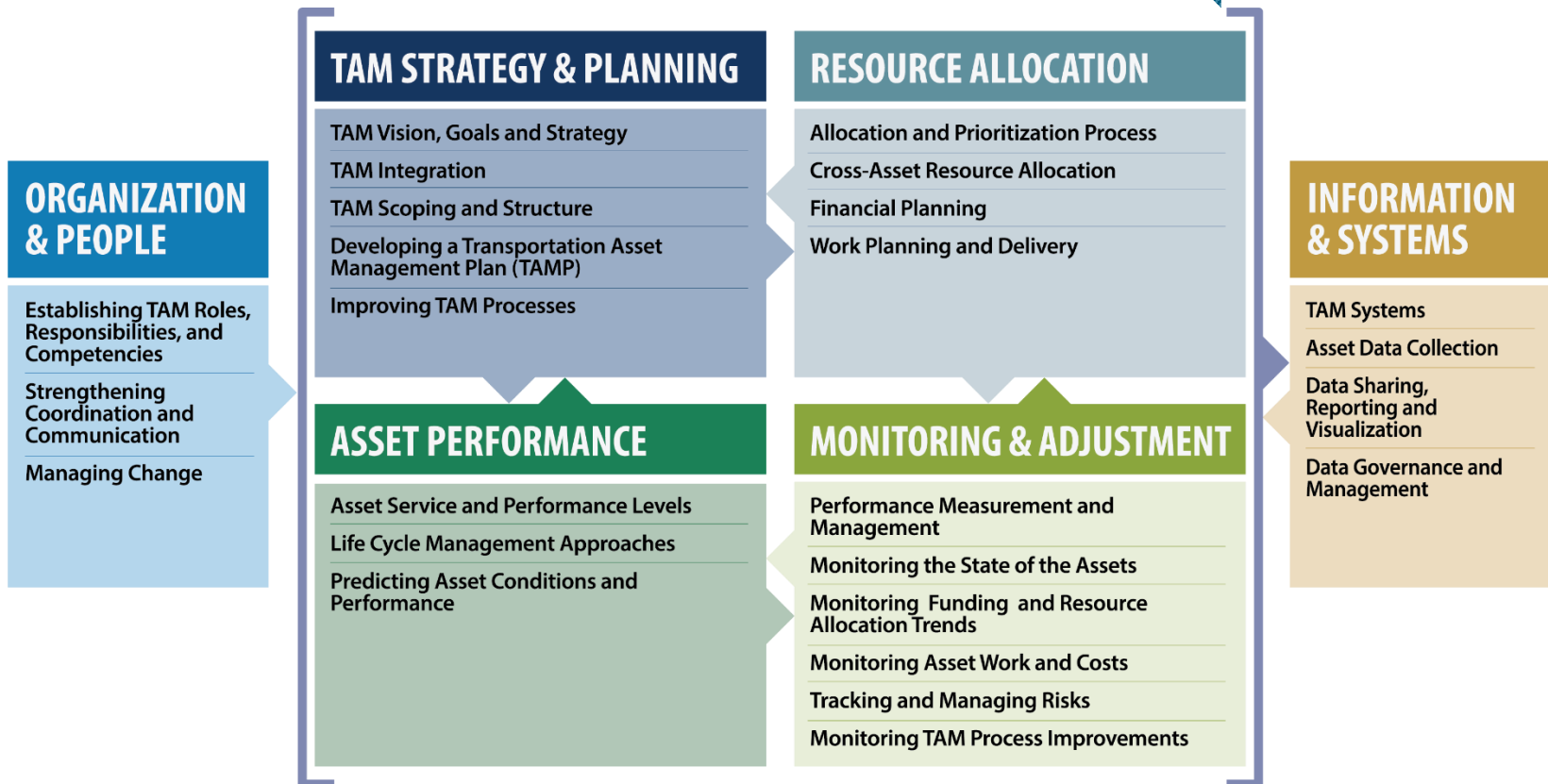
What We've Done

- Created both print and online versions
- Provided a broad framework applicable to many assets & transportation modes
- Incorporated navigation aides throughout the material
- Referenced federal requirements but didn't focus on them
- Added U.S.-based practice examples
- Provided supporting resources
 - Checklists
 - How-to summaries
- Designed a structure for:
 - Regular updating
 - Additional resources to be added



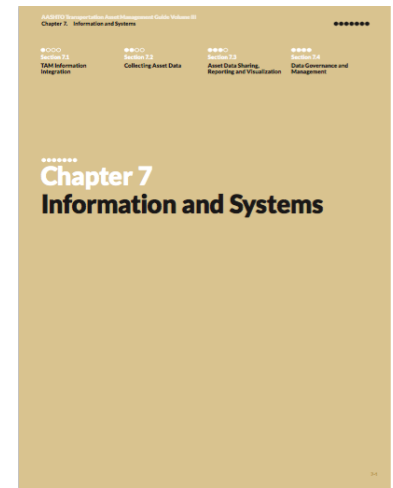
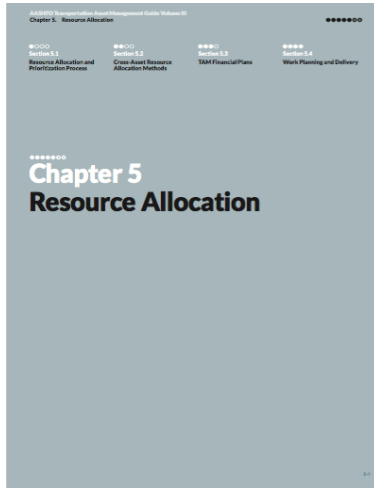
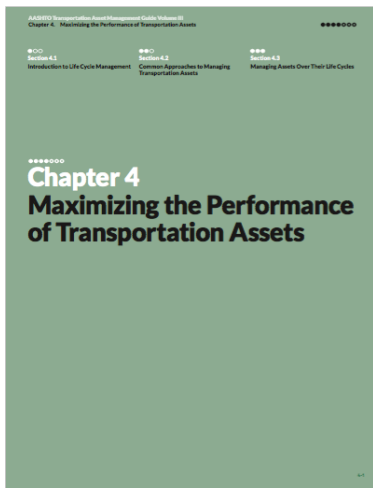
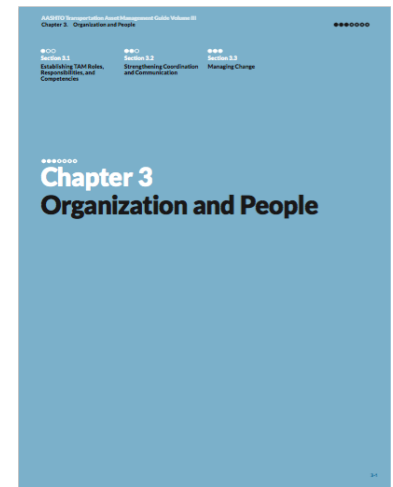
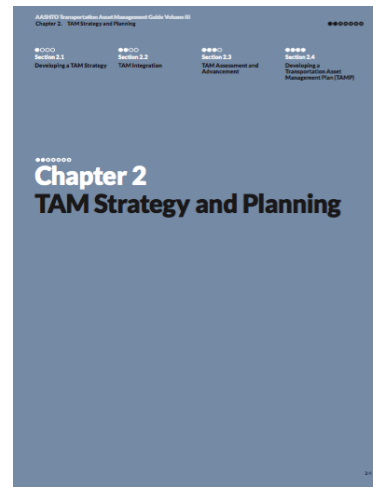
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The guide is organized around six elements of asset management shown in the framework diagram. Four core asset management processes are shown in the center, supported by the enabling factors at the left-side and right-side of the diagram.



The AASHTO TAM Guide Framework

Guide Chapters



Digital Guide Architecture Vision

Browse the Guide by...

Chapters

Topics

Practices

Getting Started

...and read relevant content, like...



Guide
Sections



Practice
Examples



References



How-Tos &
Checklists



Executive
Summaries



Documents



Graphs, Charts &
Infographics



Videos

AASHTO Plans for Distribution

FINAL DRAFT
Pre-Production - Not for Distribution

AASHTO Transportation Asset Management Guide

NCHRP Project 08-109
Final Draft November 2019

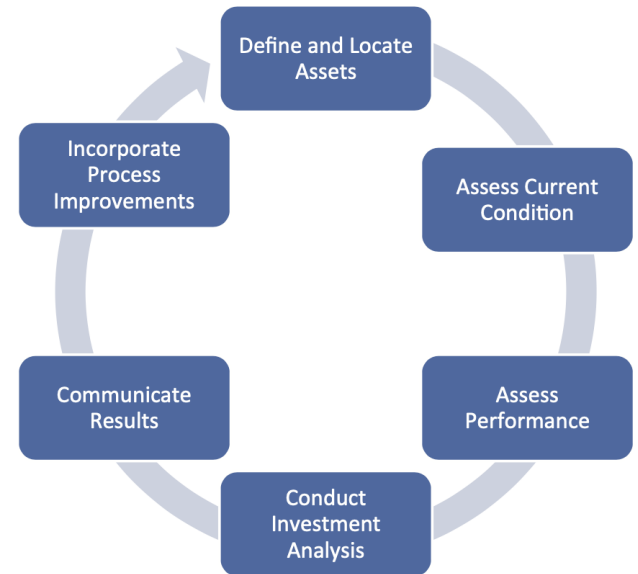
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Relationship to Geotechnical Asset Management

- Close relationship between the AASHTO TAM Guide and NCHRP Report 903
- Basic components, concepts very similar
- AASHTO TAM Guide does not detail asset-specific approaches
 - Intended to be applicable across asset classes
 - Reduced emphasis on pavement and bridges
 - Depends on availability of additional resources by asset class such as Report 903



Thank You!

For more info, please contact
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 spy pond partners, llc