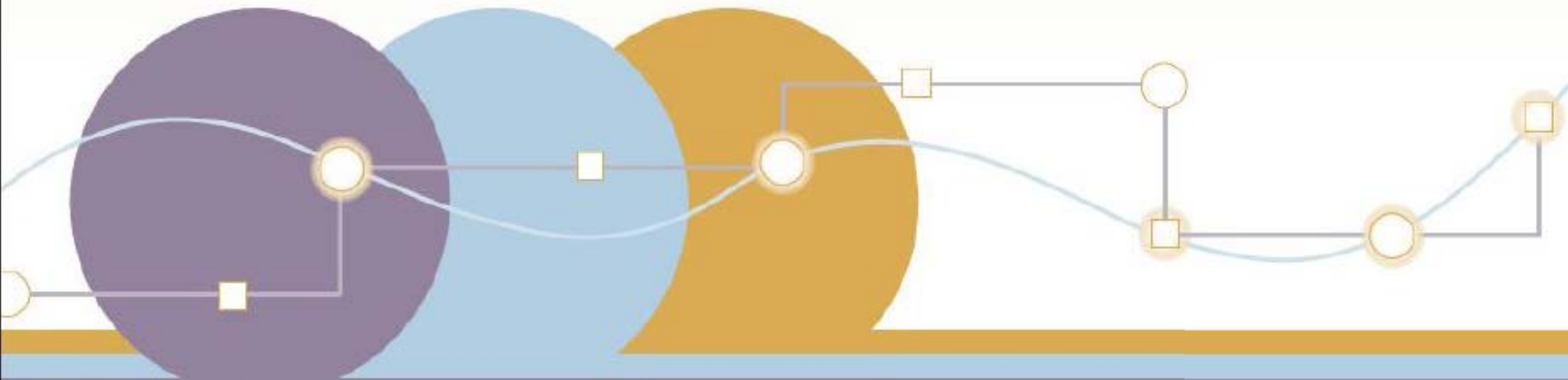
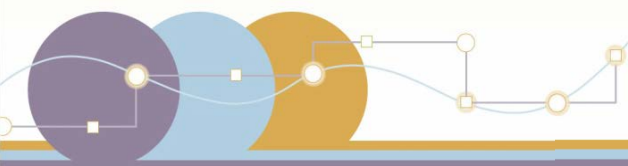


TPM State Workshop Pilot

TPM Toolbox: Resources

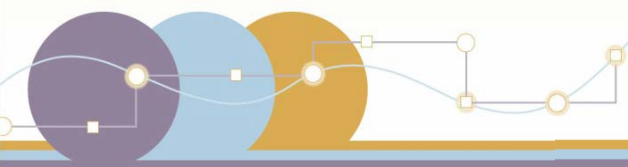
August 24 & 25, 2016
Jefferson City, MO





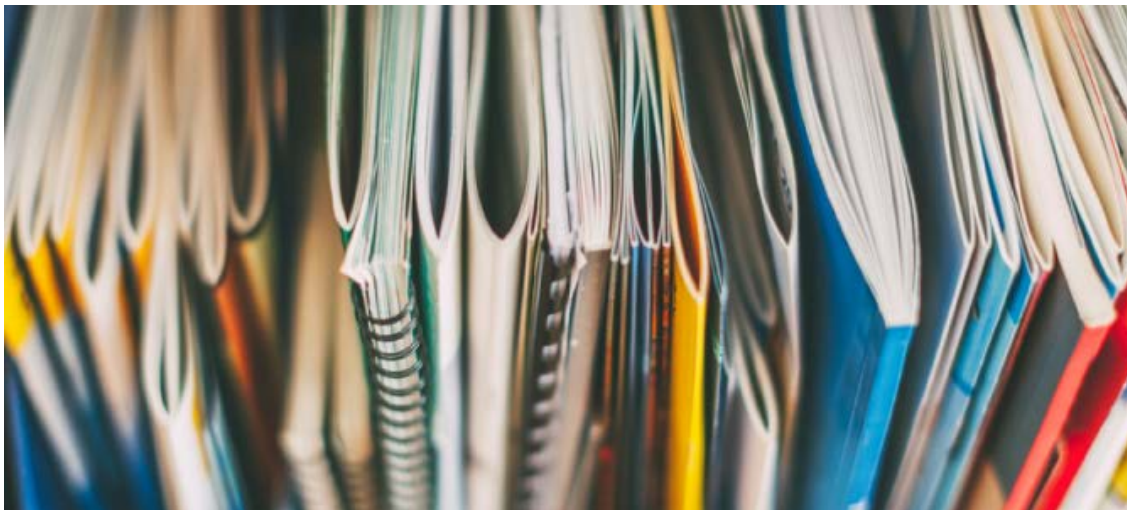
Implementation Process

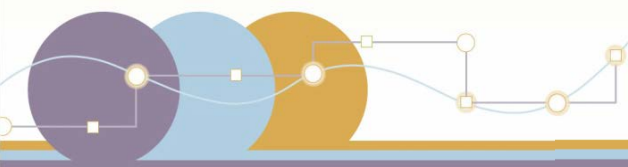




Implementation Process: Resources

- Use available resources to expand knowledge and understanding of particular action items





Resources Tool: www.tpmtools.org

The screenshot shows the 'Resources' page of the TPM Tools website. The navigation bar includes 'TPM Toolbox', 'Guidebook', 'Assessment', 'Resources' (active), and 'About'. A search box is located in the top right corner. The main content is divided into 'Publications' and 'Matching Publications'. On the left, there are two filter sections: 'TPM Areas' and 'Components', each with a list of categories and their respective counts. The 'Matching Publications' section on the right lists six items, each with a title and a brief description.

TPM Toolbox | **Guidebook** | **Assessment** | **Resources** | **About** | Search

Publications

Filters

TPM Areas

- General (21)
- Safety (7)
- System Performance (9)

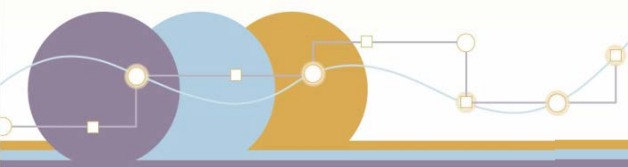
Components

- Component 1: Strategic Direction (8)
- Component 2: Target Setting (19)
- Component 3: Performance-Based Planning (11)
- Component 4: Performance-Based Programming (9)
- Component 5: Monitoring and Adjustment (10)
- Component 6: Reporting and Communication (6)
- Component A: Organization and Culture (6)
- Component B: External Collaboration (10)
- Component C: Data Management (5)
- Component D: Data Usability and Analysis Capabilities (5)

Matching Publications

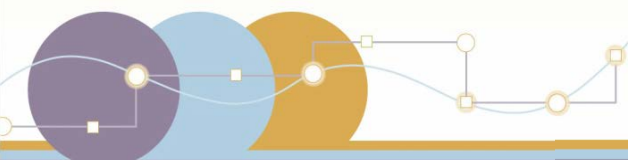
- NCHRP Report 660: Transportation Performance Management: Insight from Practitioners**
This Guidebook explores current practices in performance management and provides insight into how transportation agencies are incorporating performance management into their decision making processes.
- Defining Cross-Asset Decision Making: A Discussion Paper**
This discussion paper describes the meanings and applications of several terms related to cross-asset decision making. The paper suggests common definitions to be used in the discipline in order to enhance understanding and improve the cross-asset allocation process.
- PlanWorks**
PlanWorks is a tool that provides support to decision-makers and stakeholders in the form of a decision guide, assessments of agency needs, user portals, applications, a resource library, and a glossary of key terms. The resources are designed to inform decisions based on an agency's specific needs and goals.
- Risk-Based Transportation Asset Management: Evaluating Threats, Capitalizing on Opportunities**
This report, first in a series of five risk management reports produced by FHWA, provides an overview of risk management. The report offers guidance on identifying and assessing risk, and building a risk management framework at the program and enterprise level.
- NCHRP 806: Guide to Cross-Asset Resource Allocation and the Impact on Transportation System Performance**
This report explores resource allocation based on the analysis of system performance, in order to ensure fulfillment of performance goals. The report evaluates the applications of a framework and tool developed by NCHRP Project 08-91 to offer guidance on implementation of performance goals.
- Integrating Business Processes to Improve Travel Time Reliability**
This report summarizes the results of a series of case studies on strategies for improving travel time reliability.





Benefits of Tool

- Makes resources easier to find
- Collects resources from various groups in central location
- Short description allows quick determination of relevance



Example: Linking Actions and Resources

CMM Action	Action adapted to agency context	Relevant resource
Identify and document key factors to consider when forecasting future performance	Consider how safety targets are affected by road type and context	<i>Urbanized and Nonurbanized Target Setting Final Report</i>

Example, cont.

2.1 Technical Methodology

Level	ACTIONS to move to next level:
INITIAL (Level 1)	Initiate effort to develop formal evidence-based and data-driven methodology and assemble baseline data.
DEVELOPING (Level 2)	<p>Complete and document data source, ownership, gaps.</p> <p>Complete and document analysis of historical trends.</p> <p style="background-color: #f08080;">Identify and document key factors to consider when forecasting future performance. Use such information to assess risk.</p> <p>Organize source data and implement analytical tools to support target calculations.</p>
DEFINED (Level 3)	<p>Apply through one cycle an evidence-based and data-driven methodology for calculating targets.</p> <p>Evaluate factors contributing to target achievement (or lack of achievement).</p> <p>Expand ability to analyze cross performance area tradeoffs.</p>
FUNCTIONING (Level 4)	<p>Apply through two cycles an evidence-based and data-driven methodology for calculating targets.</p> <p>Build improved diagnostic capabilities to support understanding of past and future performance results.</p> <p>Enhance data and tools to better support target setting process.</p> <p>Adjust methodology to better reflect influencing factors and risks.</p>

Action adapted to agency context

TPM Toolbox Guidebook Assessment Resources About

Search

Publications

Filters

TPM Areas

General (2)

Safety (7)

Components

Component 1: Strategic Direction (2)

Component 2: Target Setting (7)

Component 3: Performance-Based Planning (2)

Component 4: Performance-Based Programming (2)

Component 5: Monitoring and Adjustment (2)

Component 6: Reporting and Communication (2)

Component A: Organization and Culture (2)

Component B: External Collaboration (2)

Component C: Data Management (2)

Component D: Data Usability and Analysis Capabilities (2)

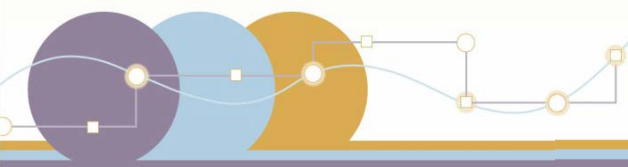
Resource Types

Handout/Flyer (2)

Report (5)

Matching Publications

- Performance Management Practices and Methodologies for Setting Safety Performance Targets, Literature Review
This FHWA literature review includes observations about target setting for the traffic fatality performance target and outlines examples of approaches to target setting from several international agencies.
- Safety Target Setting Peer Exchange
This report summarizes the proceedings of a 2013 peer exchange on safety target setting. Participants presented on their agency's approaches to technical and stakeholder challenges, successful strategies, and the results of safety target setting.
- A Compendium of State and Regional Safety Target Setting Practices
This compendium, composed by FHWA in 2013, documents the results of a FHWA survey on the current methodology in use for the development and achievement of safety targets.
- Safety Target Setting Final Report
The FHWA Safety Target Setting Final Report outlines the benefits of instituting a framework for safety target setting and provides guidance for implementing evidence-based target setting.
- Urbanized and Nonurbanized Target Setting Final Report
Written by FHWA in 2015, this report outlines the role of safety target setting in urbanized and nonurbanized areas.
- FHWA Fact Sheets on Moving Ahead for Progress in the 21st Century (MAP-21)
This is a compilation of fact sheets related to the FHWA's project Moving Ahead for Progress in the 21st Century (MAP-21).
- FHWA Fact Sheets on Fixing America's Surface Transportation (FAST) Act
This is a compilation of fact sheets related to the FHWA's project, Fixing America's Surface Transportation (FAST).

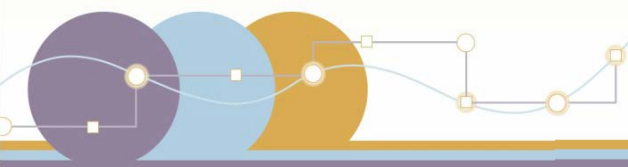


With your agency group:

1. List 2 resources you need most from other agencies.
2. List 2 resources you can contribute to other agencies.

Then report out to full group.





Report Out

- Share
 - 2 resources you need most from other agencies
 - 2 resources you can contribute to other agencies