Transportation Management Center (TMC) Performance Dashboards

National Operations Center of Excellence (NOCoE) Webinar

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Webinar Overview:

• **Purpose:** Explore the what, why, and issues agencies should consider with planning, developing and using performance dashboards for their TMCs.

• **Objectives:** After participating in this webinar, attendees will be able to:
  - Describe what is a TMC Performance Dashboard.
  - Discuss how a dashboard can be used to monitor traffic operations.
  - Identify the typical components which support a dashboard.
  - Explain how these dashboards can be used to assess and improve operations.
  - Discuss how a dashboard can be used to convey the benefits of TMCs.
Webinar Presentations:

• TMC Performance Dashboards Project, John MacAdam (Ohio DOT)
• Why TMC Performance Dashboards are Needed, Mike Tantillo (VHB)
• Current Practices With Using TMC Dashboards, Tim Lomax (TTI)
• Needs, Issues, and Technology Perspectives to Consider When Developing TMC Dashboards, Keith Smith (VHB)
• Lessons Learned with Developing and Using TMC Dashboards, Mark Sommerhauser (Kansas and Missouri DOTs, KC Scout)
• Lessons Learned with Developing and Using TMC Dashboards, Christine Shafik (Florida DOT)
• Questions and Answers, John MacAdam (Ohio DOT)
• Closing Remarks, Jon Obenberger (FHWA)
Traffic Management Center Pooled Fund Study

TMC Performance Dashboards Project – Final Report

FHWA-HOP-20-032

TMC Pooled Fund Study:  http://tmcpfs.ops.fhwa.dot.gov

John MacAdam, Ohio DOT
Why are TMC Dashboards Needed?

• Process, manage, and display large amounts of data in a visual format.

• Customize information for different stakeholders.
  ▪ Stakeholder groups expanding to include non-TMC staff.

• Assist with both short-term and long-term transportation decision-making.
  ▪ Within the Department of Transportation (DOT).
  ▪ Outside the DOT.

• Justify the benefits of TMCs.
TMC Performance Dashboards Project

• Research the current state of the practice for TMC Dashboards.

• Explain how to plan for a TMC Dashboard project.

• Explore current trends and practices in dashboard development.

• Capture results of project in final report on TMC webpage.

• Conduct webinar to share information.
Questions and Answers:

John MacAdam, Ohio DOT
Traffic Management Center Pooled Fund Study

For additional Information:

• Recording and presentations from today’s webinar:
  https://transportationops.org/knowledge-center

• TMC Performance Dashboards Project – Final Report,
  FHWA-HOP-20-032

• TMC Pooled Fund Study:  http://tmcpfs.ops.fhwa.dot.gov