

# TMC Pooled Fund Study Annual Meeting – Part 1

Monday November 16, 2020  
2:00 – 4:30 PM ET

## Introduction

John Bassett led roll call.

PFS Members Present		FHWA Liaison
1. Allison Balogh (MDOT)	14. Juan Hernandez (NVDOT)	Jon Obenberger
2. John Bassett (NYSDOT)	15. Shari Hillard (KSDOT)	
3. Jose Camacho (Caltrans)	16. Kien Le (Caltrans)	
4. Dominic Ciaramitaro (NCDOT)	17. John Leonard (UDOT)	
5. Vinh Dang (WSDOT)	18. John McClellan (MnDOT)	
6. Dominic DelCol (InDOT)	19. Ryan McNary (PennDOT)	
7. Jason Dicembre (Maryland DOT)	20. David McDonald (TXDOT)	
8. Ali Farhangi (VDOT)	21. Lisa Miller (UDOT)	
9. LaShonn Ford (NVDOT)	22. Suzette Peplinski (MDOT)	
10. David Gaffney (PennDOT)	23. Stacey Pierce (WiDOT)	
11. Sarah Gill (MDOT)	24. Garrett Schreiner (MnDOT)	<b>Noblis Support</b> Cheryl Lowrance Kathy Thompson Sampson Asare
12. Matt Glasser (GDOT)	25. Alex Wassman (MoDOT)	
13. Ray Hallavant (TDOT)		

\*PFS Members not represented: Arizona, Delaware, Florida, Illinois, Indiana, Iowa, New Jersey

Jon Obenberger explained that the purpose of today’s meeting was to review and prioritize the projects identified during the previous meeting and to select a subset of the projects that the group would like to further pursue.

The 20 previously identified potential projects have been grouped into four categories.

- I. Assessing & Reporting on TMS Capabilities & Performance
- II. Planning, Designing & Procuring TMSs
- III. Managing & Operating TMSs
- IV. TMS Staffing, Support Resources & Capacity Building

One-page overviews have already been developed for 10 of these projects (projects identified in *red* below). Jon mentioned that new project proposals are also an option, stating that a well-written research problem that was backed by multiple state agencies has a good chance of being supported by NCHRP.

## Review of Projects

Jon walked through the projects with the group, welcoming additional suggestions for projects.

### I. Assessing & Reporting on TMS Capabilities & Performance:

1. **Project Proposal 1:** Assessing the current capabilities and performance of TMSs - processes, issues to consider, potential resources to use, and practices (Part 1)
2. Assessing the potential needed capabilities or potential impacts on performance with planned future TMS improvements - processes, issues to consider, potential resources to use, and practices (Part 2)
3. Benchmarking current and projecting desired future TMS capabilities and performance (Part 3)  
Processes, issues, methods, and tools or resources to benchmark the current capabilities & performance & planned future enhancements TMS
4. Obtain industry feedback on available resources (Parts 1-3), framework, processes, and resources agencies may be needed to assess and report on current and planned TMS capabilities and performance and any role to compile this information nationally (e.g., NOCoE website, TMC PFS, AASHTO)

### II, Planning, Designing & Procuring TMSs:

5. Planning for & developing a multi-year plans to guide a TMS strategic direction, future investments or improvements, & evolution
6. **Project Proposal 2:** Designing, procuring, & managing a data subsystem to meet current & evolving TMS needs
7. **Project Proposal 3:** Designing, procuring & managing the use of a software subsystem to meet current and evolving TMS needs
8. **Project Proposal 4:** Managing TMS software subsystem, software programs, and APIs to enable the integration and use of new data sources, actions and functions
9. Opportunities, role & options for TMC PFS to enable sharing & using of open source or agency owned and transferred software & APIs
  - Part 1 (concept development and proposal)
  - Part 2 (implementation of concept, assess results, & recommend next steps)
10. **Project Proposal 5:** Assessing the capabilities and identifying the needs for TMSs to share information in real-time with satellite or temporary operations centers or other systems (e.g., special events, remote work zones)

11. **Project Proposal 6:** Assessing the capabilities, needs and requirements to virtually manage, operate and share information with satellite or temporary operations centers or other systems into the planning and design of TMSs

### III. Managing & Operating TMSs:

12. TMS data management plans & practices - collecting, compiling, using & archiving data
13. **Project Proposal 7:** Options for TMSs to receive, compile, use & share data with other sources (e.g., unstructured, structured, 3rd party)
14. Plans, assessments, & resources to evaluate and prepare for potential changes in TMS day-to-day management & operation (e.g., 24-7, peak-period, expand service area, expanded services, staffing changes (e.g., contracted services)

### IV. TMS Staffing, Support Resources & Capacity Building:

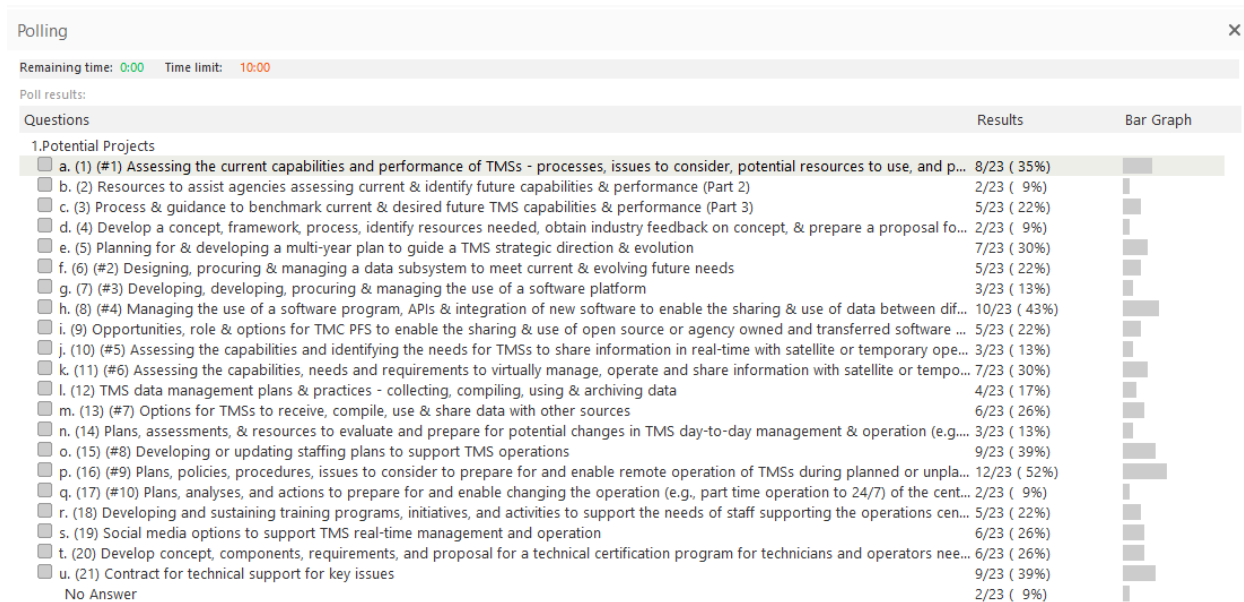
15. **Project Proposal 8:** Developing or updating staffing plans to support TMS operations
16. **Project Proposal 9:** Plans, policies, procedures, issues to consider to prepare for and enable remote operation of TMSs during planned or unplanned special events
17. **Project Proposal 10:** Plans, analyses, and actions to prepare for and enable changing the operation (e.g., part time operation to 24/7) of the center for a TMS
18. Developing and sustaining training programs, initiatives, and activities to support the needs of staff supporting the operations center for the TMS
19. Social media options to support TMS real-time management and operation
20. Develop concept, components, requirements, and proposal for a technical certification program for technicians and operators needed to support the operations center of a TMS
21. **NEW PROJECT SUGGESTED BY GROUP:** TMC Key Issues and Challenges. Contract for technical support services to facilitate developing and sharing information on key issues and challenges agencies are facing with TMSs. Contract would develop fact sheets, power point presentations, and facilitate webinars on topics. The level of effort proposed would cover 2 years and one topic being addressed per quarter.

## Project Voting / Results

The PFS members voted on the 21 projects listed above. The following 10 projects had the support of at least 6/23 (26%) of the members:

<b>1<sup>st</sup> Place</b>	Project 16 (52%)
<b>2<sup>nd</sup> Place</b>	Project 8 (43%)
<b>3<sup>rd</sup> Place (tie)</b>	Project 15, Project 21 (39%)
<b>5<sup>th</sup> Place</b>	Project 1 (35%)
<b>6<sup>th</sup> Place (tie)</b>	Project 5, Project 11 (30%)
<b>8<sup>th</sup> Place (tie)</b>	Project 13, Project 19, Project, 20 (26%)

Detailed polling results:



## Action Items and Next Steps

- Members to send any additional feedback they have on the projects to [Jon.Obenberger@dot.gov](mailto:Jon.Obenberger@dot.gov) and [Cheryl.Lowrance@noblis.org](mailto:Cheryl.Lowrance@noblis.org).
- Noblis to develop 2-page project proposals for the top ten projects listed above and distribute by 12/4.
- Group to attend Part II of the Annual Meeting on 12/11, which will focus on which of these projects discussed today to push forward.