

Research Question 1: Is FHWA and its partners are making progress implementing TPM best practices that relate to MAP-21 and FAST-Act performance provisions?

Research Question 2: What is the effectiveness of both 1) performance-based planning and programming processes and 2) TPM processes, and 3) asset management Processes?

Research Question 3: What additional resources do FHWA's partner agencies need to advance the state-of-the-practice?

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Survey Question

- A1. Based on your agency's understanding of finalized or proposed changes to the federal-aid program, which of the following
- A2. Select and describe the option(s) that best aligns with how your agency is staffed or planning to staff to support transport
- A3. What number of Full Time Equivalent (FTEs) would you estimate are focused on performance management activities? _____
- A4. If your AGENCY has a reporting website please provide the URL: _____
- A5. For each of the performance management functions listed below please indicate: 1) your agency's interest in reviewing a
- A6. Does your agency have oversight of Transit and Public Transportation entities? (Yes/NO) If Yes, please answer the question
- A7. To what capacity building format would benefit you and other agency staff members the most? (Check all that apply)
- A8. Please indicate the areas that your agency would be interested in FHWA researching further. (Check all that apply)
- A9. Select and describe the option that best aligns with how your agency is staffed or planning to staff to support transportati
- B1. How does your agency incorporate PBPP into its LRTP? (Check all that apply)
- B2. Indicate the degree to which your agency can link a relationship between the LRTP and actual investment decisions for the
- B3. How does your agency incorporate PBPP into its STIP/TIP? (**Check all that apply**)
- B4. Indicate the degree to which you agree with the following statement:
"Your agency has a plan that identifies the strategies and/or investments that will be made to achieve specific targets in the fo
- B5. Does your agency use measures to evaluate performance in any of the following areas? (Check all that apply)
- B6. How does your agency evaluate the outcomes of its transportation planning and programming processes? (Check all that
- B7. Using the scale below, to what degree does your agency collaborate and communicate with other planning organizations
- B8. Related to your answer provided in the previous question, does your agency interact or collaborate on any of the followin
- B9. Have you realized any benefits (quantitative or qualitative) in using performance-based planning and programming principl
- B10. On a scale of 1 to 5 how effective has the PBPP process been as a tool for (various pbpp activities)
- C1. On a scale of 1 to 5, please indicate to what extent your agency has documented the following Asset Management Plan ac
- C2. On a scale of 1 to 5, please indicate the degree to which your planning practices align with each of following Asset Manag
- C3. Please check the management systems your agency/organization currently has, along with the status of each system with
- C4. On a scale of 1 to 5 how effectively has your agency used your Asset Management practices to guide transportation invest
- C5. On a scale of 1 to 5 how effective has your agency used your Asset Management practices to improve data collection (1-n
- CommonQ1. On a scale of 1-5, rate that impact that implementing federal performance management requirements (either th
- Common Q2. Rate the level of data availability and data quality to support performance management for PERFORMANCE AR
- CommonQ3. How do you obtain data relevant for PERFORMANCE AREA X performance management (select all that apply)?
- CommonQ4. Does your agency mostly outsource the analysis of data for PERFORMANCE AREA X?
- CommonQ5. In respect to your answer in the previous question, what criteria did your agency use to determine whether or n
- CommonQ7. For PERFORMANCE AREA X, for each of the performance management functions listed below please indicate: 1)
- CommonQ8. For PERFORMANCE AREA X, What specific limitations may constrain your agency's capacity to conduct the functio
- D1. Typically how long does it take for crash data from all public roads to be entered into your Statewide crash database?
- D2. Which agencies do you cooperate with to gather crash data (check all that apply)?
- D3. Does your agency collect and analyze data to assess overall program-level benefits of the HSIP?
- D4. To what extent does your agency have current or projected railroad traffic?
- E1. Who conducts the National Bridge Inspection Standards safety inspections of non-State owned NHS bridges?

E2. How does your agency handle the National Bridge Inspection Standards responsibilities for border bridges (bridges that cross international boundaries)?

F1. Is pavement data currently collected in both directions?

F2. How often is pavement data collected on the National Highway System?

F3. Who acquires pavement data on non-State owned NHS Routes?

G1. What data do you use or plan to use in the freight performance measurement and performance-based planning processes?

H1. Do you have any programs in place to count the number of pedestrians and cyclists that use your transportation system?

H2. What data do you use or plan to use in the Congestion/Mobility/System Performance measurement and performance-based planning processes?

J1. Do you have ready access to data to understand physical condition of transit assets in your area? If yes, describe and explain the data.

J2. Does your agency collect data on the physical condition of transit assets outside the National Transit Database?

CommonQ9. Are the *PERFORMANCE AREA X* measures used by your agency incorporated into the following activities?

CommonQ10. The AGENCY tracks leading *PERFORMANCE AREA X* indicators (leading indicators are metrics that often correlate with performance outcomes).

CommonQ11. When establishing your chosen *PERFORMANCE AREA X* performance measures, did current data availability factor into your selection?

G2. Does your freight performance measurement include truck parking?

G3. Have you developed freight performance measure in the following modes?

H3. Which Congestion/Mobility/System Performance related performance measure areas do your agency track?

CommonQ11. On a scale of 1(low) to 5(high), when establishing targets for *PERFORMANCE AREA X*, what is the level of coordination with other agencies?

CommonQ12. Your agency has experience developing short term quantifiable *PERFORMANCE AREA X* performance targets that are used to guide programming decisions.

CommonQ13. Select your current capability to predict the outcome of *PERFORMANCE AREA X* programming decisions on the following outcomes.

CommonQ14. Does your agency conduct evaluate the before and after performance outcomes on completed *PERFORMANCE AREA X* projects?

CommonQ15. Have you been able to successfully use a performance based justification to acquire additional funds to support *PERFORMANCE AREA X* projects?

D7. What criteria are used to prioritize safety projects for programming and implementation? (Check all that apply)

D8. How effective is your agency at interacting and collaborating with the SHSO on HSIP efforts?

E3. Describe impact of expansion of National Highway System on the State agency Bridge programs.

F4. What criteria are used to prioritize pavement projects for programming and implementation? Check all that apply

F5. Describe impact of expansion of National Highway System on the State agency pavement programs.

G4. Does your agency have a MAP-21 compliant Statewide Freight Plan?

I1. Do you currently or regularly develop quantitative emissions estimates for your CMAQ projects?

I2. How do you plan to transition to quantitative emissions estimates?

I3. Some project types have historically never had a quantitative emissions estimate, such as public education, marketing, and other non-transportation projects.

I4. How do you capture benefits and report emissions benefits for a group of projects or bundle of projects? (Select the most appropriate response.)

CommonQ18. How are the *PERFORMANCE AREA X* performance results (outcomes, progress meeting targets, etc.) communicated to the public?

TPM Area Survey Subsections

TPM General TPM General

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Applies to Ea Staffing

Applies to Ea Data and Analysis

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Safety SpecificData and Analysis

Safety SpecificData and Analysis

Bridge SpecificData and Analysis

Bridge Specific Data and Analysis
Pavement Specific Data and Analysis
Pavement Specific Data and Analysis
Pavement Specific Data and Analysis
Freight Specific Data and Analysis
Congestion-Specific Data and Analysis
Congestion-Specific Data and Analysis
Transit Specific Data and Analysis
Transit Specific Data and Analysis
Applies to Eas Performance Measures
Applies to Eas Performance Measures
Applies to Eas Performance Measures
Freight Specific Performance Measures
Freight Specific Performance Measures
Congestion-Specific Performance Measures
Applies to Eas Target Setting
Applies to Eas Target Setting
Applies to Eas Planning and Programming
Applies to Eas Planning and Programming
Applies to Eas Planning and Programming
Safety Specific Planning and Programming
Safety Specific Planning and Programming
Bridge Specific Planning and Programming
Pavement Specific Planning and Programming
Pavement Specific Planning and Programming
Freight Specific Planning and Programming
On-road mobility Planning and Programming
On-road mobility Planning and Programming
On-road mobility Planning and Programming
On-road mobility Planning and Programming
Applies to Eas Monitoring, Analysis, Reporting