

TRB Committee ABC40 – Transportation Asset Management (TAM)

Blue Ribbon Practices



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providing engineering solutions to improve pavement performance

2015 Blue Ribbon Award Winner

- Advancing Research
 - Turning research needs statements into NCHRP funded research projects



Factors Contributing to the Award

- In the past few years alone, our research needs statements (RNS) have **led to over \$2.8M in research**, including:
 - Five large NCHRP research projects
 - Four special studies (under 08-36, Research for the AASHTO Standing Committee on Planning and 20-07, Research for the AASHTO Standing Committee on Highways)
 - A synthesis study



How Have We Been Successful?

- Close connection to the AASHTO Subcommittee on Asset Management
- Strong involvement by the AASHTO Program Director
- Responsive Subcommittee Chairs who quickly turn ideas into RNS
- Active engagement with AASHTO, FHWA, and the Transportation Asset Management Expert Task Group (ETG)



Our Process – Full Research Studies

1. The TRB Committee discusses research topic ideas at its annual and midyear meetings
2. TRB Subcommittees are tasked with preparing RNS for the top ideas
3. At the annual fall meeting, RNS are presented to the AASHTO Subcommittee on TAM and prioritized
4. Members of the AASHTO Subcommittee work with the TRB Committee members to finalize the RNS



Our Process – Full Research Studies

- The AASHTO Subcommittee members who work on the RNS add their states as supporters of the research
- The Subcommittee on Asset Management submits the RNS to NCHRP

VII. PERSON(S) DEVELOPING THE PROBLEM

This research problem statement was developed by the AASHTO Subcommittee on Transportation Asset Management in conjunction with the TRB Committee on Transportation Asset Management.

VIII. RESEARCH SPONSORS

This research effort is supported by the Colorado, New Jersey, North Dakota, South Dakota, and Utah DOTs.

VII. DATE AND SUBMITTED BY

This problem statement is submitted by Dr. Matt Hardy, on behalf of the AASHTO Subcommittee on Transportation Asset Management on October 15, 2015.



Our Process – Special Studies

1. The TRB Committee discusses research topic ideas at its annual and midyear meetings
2. Topics that could be addressed as small, quick-turnaround studies are identified
3. When the AASHTO Program Director has to submit research ideas, he contacts the TRB Committee Chair to see what ideas are available
4. Together, they decide on which topics to submit and a RNS is prepared

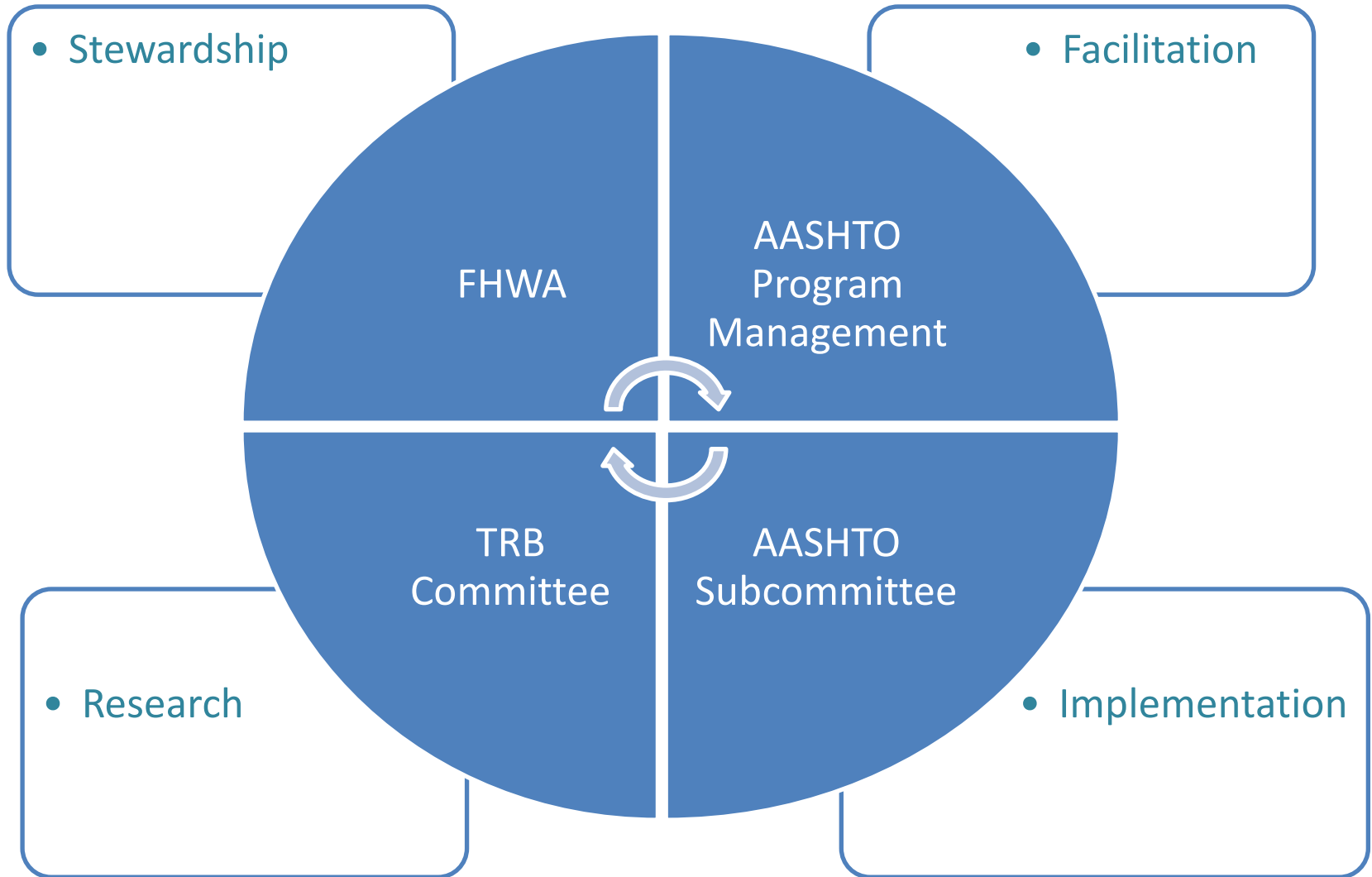


Our Process – Other Considerations

- Each month, I participate in a Leadership Call involving the AASHTO Subcommittee Chair, the AASHTO Program Director, and the FHWA Asset Management Team Leader
 - Research is discussed during each call
- We have been included in the agenda of each meeting of the AASHTO Subcommittee on Asset Management
- We co-sponsor meetings with the AASHTO Subcommittee at least once a year



Key Roles





Questions?