

Transportation Asset Management Task Force
Implementation Subcommittee
Activity Report
May 24, 2002

The implementation subcommittee has identified potential research topics, prioritized these topics, and now is in the process of writing the research problem statements for the top three topics. There were originally four that were highly ranked but it was decided that two could be combined into one topic.

We were given two definitions of implementation. The first was related to gathering the human, technical and financial resources to create a successful implementation of asset management. The second related to issues involving the actual implementation of asset management. A number of potential research issues were identified under each definition. The topics initially identified are list below:

Technical and Resource Issues Related to Implementing Asset Management Systems:

- Integration of Legacy Databases
- Technology, Personnel, Personnel Competency, and System Maintenance Requirements
- Technical Training for Asset Managers – Potential Topics Include:
 - How is Asset Management Different From What I Am Doing Now?
 - How Will Asset Management Help Me?
- Asset Management Training for Agency Managers and Official – Potential Topics Include:
 - Why You Should Support the Implementation of Asset Management.
- Asset Management Process Implementation Across Agency and Modal Boundaries.
- Integration of Planning, Programming, Environmental Clearance, Design, Construction, Maintenance, and Renewal.
- Data Collection Methods to Support Asset Management and Validity and Reliability of those methods.
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Issues Related to the Implementation of Asset Management Into Decision Making Process:

- Creative Uses of The Private Sector to More Efficiently and Effectively Manage Resources
- Integration of the Asset Management Decision – Making Process Across Planning, Programming, Environmental Clearance, Design, Construction, Maintenance, and Renewal.
- Making of Multi-Modal and Cross Investment Category (e.g. Bridge Vs. Roadways or Capacity Improvements Vs. Safety)
- The Use of Integrated Asset Management Systems in Agency Resource Management Decision Making
- The Use of Integrated Asset Management Systems in Strategic and Legislative Planning and Direction.

- Implementing Asset Management Process Across Agency Boundaries with Transportation Agencies Without Transportation Stewardship Responsibilities (Public Safety, Natural Resources, Air Pollution Control, Motor Vehicle Enforcement and Regulatory)

The subcommittee has ranked these issues and following are the results:

Research issues involving the actual implementation were ranked most highly. The top ranked issues were:

1. Integration of the Asset Management decision-making process across planning and program, environmental clearance, design, construction, maintenance, and renewal.
2. Making of multi-modal and cross investment category (e.g., bridge vs. roadway or capacity improvements vs. safety) resource allocation decisions.
3. The use of integrated asset management systems in strategic or legislative planning and direction.

Closely behind the three above issues was:

4. Creative uses of the private sector to more efficiently and effectively manage resources.

Issues number 1 and 2 represent similar cross category/function issues and it was decided that they would be combined.