AASHTO Equipment Management
Technical Services Program

EMTSP Program Update
EMTSP is a needed forum for technical exchange among highway agency equipment fleet management professionals.

EMTSP was developed to complement the on-going work and priorities of the Subcommittee on Maintenance Equipment TWG.

Policy Resolution 2008-11 establishing EMTSP was approved by the AASHTO Board of Directors in October 2008.
Subcommittee on Maintenance

Technical Working Groups

- Pavements
- Roadway/Roadside
- Highway Safety & Reliability
- Bridges
- **Equipment**
EQUIPMENT
Technical Working Group

EMTSP Oversight Panel

NCPP
(Contractor to administer the program)

EMTSP
(Equipment Management Technical Services Program)
## EMTSP Oversight Panel

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>State</th>
<th>AASHTO Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>W. James Smith</td>
<td>Fleet Management Division Chief</td>
<td>Pennsylvania</td>
<td>1 (NE)</td>
</tr>
<tr>
<td>Ronald Pruitt</td>
<td>Equipment Management Coordinator</td>
<td>Alabama</td>
<td>2 (SE)</td>
</tr>
<tr>
<td>Tim Cunningham</td>
<td>Field Maintenance Engineer</td>
<td>Kansas</td>
<td>3 (MW)</td>
</tr>
<tr>
<td>Bruce Erickson</td>
<td>Fleet Services Manager</td>
<td>Oregon</td>
<td>4 (W)</td>
</tr>
<tr>
<td>Ken Valentine</td>
<td>Superintendent, Central Garage</td>
<td>Vermont</td>
<td>At Large</td>
</tr>
<tr>
<td>Lisa Kunzman</td>
<td>Supervising Equipment Engineer</td>
<td>California</td>
<td>At Large</td>
</tr>
<tr>
<td>Erle Potter</td>
<td>State Equipment Manager</td>
<td>Virginia</td>
<td>Chair</td>
</tr>
</tbody>
</table>
EMTSP Regional Partnerships

AASHTO Region 1
Northeast Regional Partnership

AASHTO Region 2
Southeast Regional Partnership

AASHTO Region 3
Midwest Regional Partnership

AASHTO Region 4
West Regional Partnership

Regional Meetings Odd Years

National Meetings Even Years

Odd Years

Even Years
## Regional Partnership Meetings

<table>
<thead>
<tr>
<th>Regional Meeting</th>
<th>Date</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>Joint Midwest/Northeast EMTSP Regional Meeting (MINO)</td>
<td>June 15 -19</td>
<td>St. Louis, Missouri</td>
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<tr>
<td>Southeastern States Equipment Managers Conference (SSEMC)</td>
<td>June 21 - 25</td>
<td>Myrtle Beach, South Carolina</td>
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<tr>
<td>Western States Highway Equipment Managers Association (WSHEMA)</td>
<td>August 23 -27</td>
<td>Anchorage, Alaska</td>
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<tr>
<td>2016 National Equipment Fleet Management Conference</td>
<td>TBD</td>
<td>Ohio</td>
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</tbody>
</table>
Vision Statement:

To serve as the comprehensive national resource supporting effective and efficient governmental highway equipment fleet management.
Mission Statement:

*To provide governmental equipment fleet management personnel and agency executives with the resources, material and support to promote effective fleet asset management, advance emerging equipment technologies, communicate best practices, and to provide a voice to decision makers and industry on issues impacting fleet operations.*
Goals

Goal 1: Support regional equipment management partnerships.

Goal 2: Promote awareness of available equipment technologies.

Goal 3: Facilitate the exchange of information and ideas among equipment management professionals.

Goal 4: Advance fleet management best practices.
Goals

Goal 5: Maintain and support the equipment fleet management research roadmap.

Goal 6: Promote and support professional development opportunities for equipment fleet managers.

Goal 7: Monitor and disseminate information regarding new and proposed regulatory changes that have potential impact upon highway equipment fleets.
Goal 8: Develop and promote common performance measures for equipment fleet management.
Goal 4: Advance fleet management best practices.

Objective 2: Provide a forum for EMTSP regional partnership members to communicate their needs and share best practices.

Task: Promote the EMTSP website exchange to share information.

Action: Promote the use of the Survey Monkey tool for surveys being posted to the website.

Action: Display the instructions for the use of the Survey Monkey tool on the EMTSP website under TECHNICAL > SURVEY.

Action: Send an email to the EMTSP Members announcing the service utilizing the global EMTSP e-mail list.
Surveys

Surveys that are relevant to EMTSP will be posted here.

Survey Monkey Requests:
Forward your Survey Monkey request to the NCPP webmaster at tangdenn@egr.msu.edu. Include Title of Survey, State DOT requesting survey, Contact information, Survey Monkey questions and length of time to be posted.

State DOT Pickup Trucks — Results

Snow Plow Survey — Results

Stainless Steel Body Survey — Results

Options Presently Not Available From Equipment Manufacturer's — Results
Goal 6: Promote and support professional development opportunities for equipment fleet managers.

Objective 2: Develop a model training curriculum appropriate for state equipment managers

Task: Revise the skills matrix developed for TC3
   Action: Complete the TC3 matrix for State DOT Equipment Manager Training. Follow up with TC3 to determine proper location in matrix to list the source of training.

Task: Select courses to be developed by TC3
   Action: Prioritize courses in matrix
   Action: Submit TC3 Development Request Form

Task: Select courses to be developed by other resources

Task: Identify other training materials resources
Goal 6: Promote and support professional development opportunities for equipment fleet managers.

- TC3
  - From a list of training topics previously developed and prioritized at the 2014 National Equipment Fleet Management Conference, the following were submitted to TC3 for consideration:
    1. Preventive Maintenance Concepts for Equipment Fleet Management
    2. Benchmarking and Best Practices within Equipment Fleet Management
  - The TC3 selected both of the submitted modules for development as part of the upcoming contract.
Goal 6: Promote and support professional development opportunities for equipment fleet managers.

• TC3
  o Next steps will be to develop a Technical working group, perform a materials search, and develop outlines/scopes for these modules

• Other Resources
  o NCDOT has offered to provide course material being developed for their next phase of training.
NCHRP Project 20-7 –Task 309:

**Challenges and Opportunities: A Strategic Plan for Equipment Management Research**

(“Research Roadmap”)

- 9 topics, 5 potential research problem statements
- Final report of the workshop deliberations and findings completed and posted on EMTSP Website
- Topics prioritized by attendees of 2012 and 2014 National Equipment Management Conferences
### Research Underway

<table>
<thead>
<tr>
<th>Project Number</th>
<th>Project Title</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCHRP 13-04</td>
<td>Guide for Optimal Replacement Cycles of Highway Operations Equipment</td>
<td>Proposals have been received in response to the RFP.</td>
</tr>
<tr>
<td>NCHRP 13-05</td>
<td>Guide for Utilization Measurement and Management of Fleet Equipment</td>
<td>Proposals have been received in response to the RFP. The panel will work together to select a contractor to perform the work.</td>
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</tbody>
</table>
### AASHTO SCOM Research Problem Statement Rankings – 2014 (from Charleston, WV)

<table>
<thead>
<tr>
<th>Potential Problem Statement</th>
<th>TWG</th>
<th>AVG</th>
<th>Priority</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guidelines for the Development of State Departments of Transportation (DOTs)</td>
<td></td>
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<tr>
<td>Highway Operations Equipment Multi-year Replacement Plans</td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Equipment</td>
<td>4.24</td>
<td>2</td>
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Questions?