

**AASHTO Technology Implementation Group**  
**Bedford Springs, PA**  
**May 13, 2009**

New Members:

- Brian Thompson – PennDOT
- Gretta Smith – AASHTO Staff

Opening Welcome, Self Introductions – Kevin Chesnik

Agenda Review and Goals for the Meeting – Kevin Chesnik

- Agenda revisions
  - Discussion on proposals
  - Effectiveness of the TIG
  - Direction of the TIG

Minutes Reviewed and approved

Top 10 Proposal Technologies Analysis – Paul Krugler

- Handouts
  1. Electronic Environmental Study Form and Project Commitment Tracking
  2. Towing and Recovery
  3. Emergency Contact Locator System
  4. Utility Relocation Electronic Document Management System
  5. Environmental Planning GIS Tools (2 proposals)
  6. Grade Crossing Electronic document Management
  7. Cold Weather Admixture System
  8. Integrated Approach to Roadside Revegetation Using Native Plants
  9. Vehicle Dimensions in Motion

Review of Budget – Keith Platte  
(HANDOUTS PROVIDED)

Discussion: Role of the TIG:

- Mike Shamma (NYSDOT)
  - TIG is useful
  - Would like to see it continue
  - Important role
  - Needed function for the States
  - Saves States money
- Art Dinitz (Transpo Ind.)
  - Essential for the industry
  - National “new technology”/innovation resource important for credibility
  - Small investment
  - Informed choices for States
- Kevin Chesnik (WisDOT)

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Name	Organization	TIG Member	Visitor	Contact Information (E-mail Address)
Byron Lord	FHWA	X		<a href="mailto:Byron.lord@dot.gov">Byron.lord@dot.gov</a>
Len Sanderson	PB Americas	X		<a href="mailto:lasanderson@pbworld.com">lasanderson@pbworld.com</a>
Mike Shamma	NYSDOT	X		<a href="mailto:mshamma@dot.state.ny.us">mshamma@dot.state.ny.us</a>
Greta Smith	AASHTO			<a href="mailto:gsmith@ashto.org">gsmith@ashto.org</a>
Jan Edwards	AASHTO			<a href="mailto:jedwards@ashto.org">jedwards@ashto.org</a>
Brian Blanchard	FDOT			<a href="mailto:Brian.blanchard@dot.state.fl.us">Brian.blanchard@dot.state.fl.us</a>
Brian Thompson	PennDOT	X		<a href="mailto:Briathomps@state.pa.us">Briathomps@state.pa.us</a>
Joe Conway	FHWA			<a href="mailto:Joe.conway@dot.gov">Joe.conway@dot.gov</a>
Kevin Chesnik	WisDOT	X		<a href="mailto:Kevin.chesnik@dot.state.wi.us">Kevin.chesnik@dot.state.wi.us</a>
Andrew Wimsatt	TTI			<a href="mailto:A-wimsatt@tamu.edu">A-wimsatt@tamu.edu</a>
Paul Krugler	TTI	X		<a href="mailto:P-krugler@ttimail.tamu.edu">P-krugler@ttimail.tamu.edu</a>
Keith Platte	AASHTO			<a href="mailto:kplatte@ashto.org">kplatte@ashto.org</a>
Jim McMinimee	UDOT	X		<a href="mailto:jmcmimimee@utah.gov">jmcmimimee@utah.gov</a>
David Huft	SDDOT	X		<a href="mailto:Dave.huft@state.sd.us">Dave.huft@state.sd.us</a>
Gary Hoffman	ARA		X	<a href="mailto:ghoffman@ara.com">ghoffman@ara.com</a>
Kevin Womack	USU		X	<a href="mailto:Kevin.womack@usu.edu">Kevin.womack@usu.edu</a>
Neil Hawks	TRB		X	<a href="mailto:nhawks@nas.edu">nhawks@nas.edu</a>
Art Dinitz	TRANSP IND	X		<a href="mailto:adinitz@transpo.com">adinitz@transpo.com</a>
Mal Kerley	Virginia DOT	X		<a href="mailto:Mal.kerley@vdot.virginia.gov">Mal.kerley@vdot.virginia.gov</a>

- Critical mainstreaming
  - Good research
- Byron Lord (FHWA)
  - Leadership role
  - Power of the Peer to Peer exchange of the Lead States
- Len Sanderson (PB Americas)
  - Are these big ideas?
  - Demonstrate results
  - Where are the “real challenges”?
  - What are we working on- the “big ideas”
  - Need to connect with CEO
  - Need to see the value
  - Need to tie into technology development
- Mal Kerley (Virginia DOT)
  - \$6000 requires Sec. of Transportation approval
  - No place else in AASHTO
  - Fits with strategic plan
  - Need to reinvigorate the subcommittees of SCOH
- Kevin Chesnik (WisDOT)
  - Where does SHRP2 fit?
- Joe Conway (FHWA)
  - FHWA looks for TIG technologies
- Jim McMinimee (UDOT)
  - What can we show CEOs that we are doing?
  - How do we show them the value of what we are doing?
  - Important leadership role
  - When things are tough is when it is important to get the results/benefits in practice
- Kevin Chesnik (WisDOT)
  - Power of the lead state endorsement. They have done the work to give you the trust.
- Dave Huft (SDDOT)
  - Economic dig in pull back
  - Reluctance to invest a little to see a lot
  - Sell the mission
  - Communicate with SCOH and BOD
  - Stronger engagement of subcommittees
  - Solicit suggestions/needs from subcommittees
  - Money is a challenge but so is time. Consider using teleconference
- Brian Blanchard (FDOT)
  - Emergencies give to new processes
  - “Needs to continue”
  - “Foundations”
  - Funding/Strategic Partnerships
- Brian Thompson (Penn DOT)
  - Need new technology

- PA is in a different place then it was 10 years ago
- What's in it for me?
- What is important today?
  - Project delivery
  - Cost
- What has TIG done for me/my state (CEO turnover 14 months)
- Lack of patience to move things on
- Neil Hawks (TRB)
  - Lead state teams
  - They figure how to make the new technologies work for the DOT's to address their processes/capabilities.
  - You have to communicate what you are doing all the time.
  - You cannot give your message often enough.
- Paul Krugler (TTI)
  - Solicit SCOH/subcommittees areas where they have a particular need or problem.
- Art Dinitz (Transpo Ind.)
  - Demonstrate the successes we have had. Who has used what on the list.
- Mike Shamma (NYSDOT)
  - Environment taking longer managing cash flow.
  - Be aggressive with how we market and communicate.
- Jim McMinimee (UDOT)
  - Need to constantly advise, market, communicate
  - Direct communication is important

#### Review and discuss Top 10

- 1, 2, 7, 9 out
- 3, 8 additionally selected technologies
- 4,5,6 Mull before we finalize the process
  - Get input and support
  - 4-SHRP2 has an RFP in place linked to this work.

#### LRS Work Plan – Keith Platte

- Surface resistivity
  - Confirm that they have been approved. If not, get approval from TIG via e-mail communication
- RSA
  - Closed
- CMB
  - Close out final report in review
- Willl
  - Waiting for Close out meeting
- RSA
  - Payer for all of the finished products
    - Project
    - When

- Where
  - What
  - How Much
  - Results
  - Impact
- Byron Lord, Mike Shamma, Keith Platte to develop distribution list to SCOH, SCTS, BOD
- Set up hit count for web site
- CAST
  - Final presentation in August
  - Close out report for next meeting
- MDSS
  - Close out by fall '09
  - Benefit cost 3/1-8/1
- PCPS
  - Last meeting this summer
  - Close out
- SPMT
  - Still in process
  - Tom Anderson in FL chairman seems to have drooped out.
- AMG
  - Report- NCHRP project well connected
  - Good progress
  - Request change in marketing plan
- SR
  - Work plan
  - Purchased equipment
  - Round robin organization under way
  - Need precision and bias statements
  - 10 groups lined up for testing
  - Supplies, delay in purchasing equipment
- LRS
  - Brochure developed and produced
  - Survey of states current states with LRS
  - Survey out – need to follow up with process now
  - Time to work is a problem
- WVDS
  - Lead state team not formed
  - CA has not been able to form a team

#### Methods of Determining Value of Implementing Innovations Handout

- “The Value of Texas Transportation Research”
- Get copy of report and presentation from Paul Krugler UT
- Research performance measurement
- Partnership with RAC

- Recommend we adopt this process for going forward
- Look at going back and developing a backwards look at selected technologies.
  - Keith Platte, Byron Lord, and Joe Conway to look at what it would take and propose an approach by end of August.

SHRP2 presentation– Jerry DiMaggio (Handouts)

- 135± products

SHRP2 implementation by FHWA - Joe Conway (Handout)

Addressing the issue of Commitment of work from Lead State Team DOT staff members

- Use of innovative meeting technologies to reduce travel time and permit participation by those who are restricted in out of state travel
- Provide contractor support to lead state teams for services, marketing, communications, analysis, reporting
- Find ways to more effectively engage industry
- Willingness to be a lead state
- Engage DOT Leadership to supporting TIG lead state teams
- Recognition improve implement/letter to CEO
  - Develop wording for recognition
  - To supplement conventional meeting
- Ask CEOs where they see the need for innovation
- Ask SCOH subcommittees where they see the need for innovations.

Draft minutes out to group by June 10<sup>th</sup>

New Solicitation

AASHTO Subcommittees SCOH

June 1st