



SUBCOMMITTEE ON MATERIALS MID YEAR WEB CONFERENCE MEETING MINUTES

Tuesday, March 10, 2015
1:00 pm – 2:00 pm EST

TECHNICAL SECTION 4d SAFETY DEVICES

I. **Call to Order and Opening Remarks** – Chair Intro, Thank you, Awards

II. **Roll Call (see listing at end of minutes for all participants)**

FL	Tim Ruelke – present	TX	Darren Hazlett – absent
GA	Rick Douds – absent	VA	Bill Bailey – present
IL	Kelly Morse proxy for Matt Mueller	WA	Kurt Williams – absent
KY	Derrick Castle – absent	WI	Steven Krebs, vice chair – absent
MA	John Grieco – absent	AASHTO	Evan Rothblatt – present
MN	Curt Turgeon – absent	AASHTO	Henry Lacinak – present
MO	David Ahlvers – absent	AASHTO	Brian Korschgen – present
OK	Scott Seiter – present	AMRL	Maria Knake – absent
RI	Colin Franco, chair – present	AMRL	Steven Lenker – absent
RI	Jose Lima – present	FHWA	Dennis Dvorak – present
TN	Danny Lane – present		

Friends of TS 4d

TTI Jeff Miles proxy for Paul Carlson
3M Todd Ballen – present
Orafol Chris Gaudette – present

III. **Approval of Technical Section Minutes – Annual SOM TS 4d Meeting Minutes, July 29, 2014
Minneapolis, Minnesota. Attachment 1**

[Oklahoma motions to approve minutes, Second by VA. Motion to approve minutes passed.](#)

IV. **Old Business**

A. **SOM Ballot Items Attachment 2**

-Item 94 (MP 12) had 1 negative and 5 comments.

[Arizona comments- See Texas comments](#)

[Kentucky comments-Standard will be called M333](#)

[Nevada comments- See Texas comments](#)

[Rhode Island comments- Link has been fixed](#)

[Texas comments- Task force \(led by Steve Krebs\) needs to look into Access Board and compare to Section 4.2 and potentially make changes proposed by Texas/Nevada/Arizona](#)

Task force will review comments from AZ, NV and TX and recommend modifications to M 333.

B. TS Letter Ballots

MP 12 becomes M333, M281 voted to keep the standard as is

C. Task Force Reports

TF M268 (Morse) - A research proposal for the guide has been submitted to NCHRP but no further news.

TF TP103 (Krebs) - Going to modify and add comments as a result of M333 by the task force.

V. New Business

A. Research Proposals

1. **Selection of Sign Sheeting Materials** (Proposed 20-7 statement)
Research proposal has been submitted. Will be meeting at end of month to make selections.
2. **Tensioned Cable Guardrail Specification-46-14**
Awaiting results of report – should be completed prior to SOM 2015 Annual Meeting. Action on specification to be taken at SOM annual meeting.

B. AMRL/CCRL Issues –No issues

C. NCHRP Issues -Nothing to report

D. Correspondence, calls, meetings/ Presentation by Industry-

Request was received from Chris Gaudette (Orafol) to give a presentation which relates to utilizing a new method to determine night time performance of sign sheeting materials. Relates to research coming from Europe and work by Paul Carlson (TTI).

There may be new methodology to classify sign sheeting material. Should TS 4d make recommendation for approval for a guide used in assessment of sign sheeting material? Does it relate to M268? Do we want presentation on this topic at annual SOM Meeting?

Sign sheeting task force chaired by Kelly Morse (IL) was assigned to take a look at the information provided and give recommendation to TS 4d. Kelly Morse will also get with Paul Carlson to gather additional information.

Kelly will discuss with task force in order to develop recommendation to technical section at least one month prior to annual meeting in Pittsburg.

- Recommend if it would be advantageous for TS 4d members to hear from Chris Gaudette or Paul Carlson regarding this matter
- Recommend if a new specification, a new test method or new guideline on how to better assess sign sheeting should be developed.

Jason Davis (LA) offered the following excerpt from the minutes of the last meeting of ASTM D04.38.

“Paul Carlson presented slides on a new specification based on TRB paper #15-2963, Performance Evaluation of Reflective Sign Sheeting (TC 4-40 report is the full report – the paper is a summary). Group discussed creating an ASTM document to parallel the CIE TC 4-40 document and how to use with existing ASTM methods. For June meeting, plan to have an outline to scope out what the group wants to do.”

Chris Gaudette (Orafol) stated this work originated from a CIE committee in Europe of which Paul Carlson is involved. This work is a result of research performed over the last 12 years. This group has a large report (60-70 pages) coming out later this year. Report explains use of luminance values to determine performance of sign sheeting material.

Takes several hundred geometries to evaluate products. However, too many measurements for states to use. But tool does show geometries and sign positions indicating which sheetings can be most beneficial for drivers in different scenarios.

E. Proposed New Standards

No other new standards proposed outside of discussions earlier.

F. Proposed New Task Forces

May get a task force together at SOM annual meeting to draft problem statement for the Tensioned Cable Guardrail Specification after reviewing NCHRP 20-7 Project 46-14..

G. SOM Ballot Items (including any ASTM changes)

VI. Open Discussion

VII. Adjourn

Last Name	First Name	Email Address	Phone:
Andrus	Scott	scottandrus@utah.gov	801-965-4859
Bailey	William	bill.bailey@vdot.virginia.gov	804-328-3106
Ballen	Todd	taballen@mmm.com	651-575-0851
Benson	Michael	michael.benson@arkansashighways.com	501-569-2185
Cowsert	Jack	jcowsert@ncdot.gov	919-733-7088
Davis	Jason	jason.davis@la.gov	225-248-4106
Dvorak	Dennis	dennis.dvorak@dot.gov	708-283-3542
Franco	Colin	colin.franco@dot.ri.gov	401-222-3030
Gaudette	Chris	chris.gaudette@orafol.com	860-676-7181
Gipson	Mitch	mitch.gipson@dot.ca.gov	916-227-7919
Hughes	Ed	edward.hughes@illinois.gov	217-782-4689
Korschgen	Brian	bkorschgen@aaashto.org	202-624-5469
Lacinak	Henry	hlacinak@aaashto.org	225-752-2877
Lane	Danny	danny.lane@tn.gov	615-350-4175
Lima	Jose	jose.lima@dot.ri.gov	401-222-3030
Metcalfe	Oak	rmetcalfe@mt.gov	406-444-9201
Miles	Jeff	jeff-m@tamu.edu	979-845-9880
Morse	Kelly	Kelly.Morse@illinois.gov	217-782-7218
Roney	Brennan	broney@dot.ga.gov	404-608-4816
Seiter	Scott	sseiter@odot.org	405-521-2186
Malusky	Katheryn	kmalusky@aaashto.org	202-624-3695
Rothblatt	Evan	erothblatt@aaashto.org	202-624-3648