

Asphalt Industry Forum – Technical Meeting Summary

February 23, 2010

Attendance:

<u>Name</u>	<u>Organization</u>	<u>Email</u>
Gus Bieber	CDOT Estimates	gustaf.bieber@dot.state.co.us
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Roy Guevara	CDOT Asphalt	roy.guevara@dot.state.co.us

Task Force Updates

Smoothness: Smoothness incentives and disincentives have been doubled, and smoothness categories have been modified. The new version of the specification is available online. Line lasers were installed on CDOT's profiler. CDOT will use line lasers for all projects and all pavement types. A few small unofficial studies have shown that line lasers and pinpoint lasers measure the same on the types of HMA/SMA pavements used in Colorado. The differences are smaller than the expected errors between repeat runs. Contractors should review which smoothness categories apply to their projects and carefully choose the category that will maximize their incentives.

Asphalt Binder & Emulsion: The task force has completed 5 of the 6 tasks in their scope of work. The final task, incorporating latex-modified emulsions into CDOT's specifications, will be concluded once the Specification Committee approves the changes on March 25 and releases the specification in mid-April. This task force is formally concluded and closed.

Stone Matrix Asphalt (Part III): The task force has met three times. Its primary focus has been reviewing all SMA specifications and editing them for application uniformity and clarity. Compaction requirements will be spelled out for both HMA and SMA. SMA acceptance criteria will be based upon gradations. SMA test sections will be a minimum of 500 tons, and cores will be pulled from the last 200 of those tons. Alternative mineral filler will be discussed at the upcoming MAC.

Non-Standard Mixes: The responsibility of this task force is to develop submittal criteria and review processes for non-standard mixtures. A draft CP 59 has been developed and reviewed. This CP covers submittal criteria and review processes for non-standard mixes. The task force will send CP 59 to WMA suppliers and RAS contractors for review and comment. The task force still needs to discuss the practicalities of implementation and payment of NSM items.

General Updates

Warm Mix Asphalt Implementation: Contractors are moving forward with WMA, gaining experience and collecting field data. CP 59 (currently under development) should facilitate the implementation of WMA in Colorado.

RAP Millings: Current RAP specifications were discussed, including the RAP VECP. Everyone agreed that there is no need to revise the specs. Contractors have the opportunity to submit VECP if the contractor wants to retain more RAP millings than what the plans allow. CDOT will continue to offer RAP millings to CDOT maintenance first. Depending upon the material needs of a given maintenance section, project millings may or may not be available for contractors.

Planned HMA Projects for 2010: The surface treatment program received another \$32M, and there is a possibility that another \$50M may be coming down the pipe. Jim Zufall and CDOT RMEs will update the list of upcoming CDOT projects and quantities.

MAC Update: There may not be a Quality Assurance Review for asphalt in 2010. The decision is up to the Quality Improvement Counsel. Also, the QA/QC pay results report has been updated and is available online.

Presentations

Bumps in the Overlay: Dr. Scott Schuler investigated how bumps form when HMA overlays are placed over crack sealant. Preliminary findings showed pneumatic tire rollers minimize bumps.

Next AIF Meeting: 8:00am, Thursday, May 6, 2010: Location: TBD