

# MEMORANDUM

## DEPARTMENT OF TRANSPORTATION

Materials and Geotechnical Branch  
4670 Holly, Unit A  
Denver, Colorado 80216-6408



March 10, 2006  
9:00 AM to 11:30 AM  
CDOT N. Holly Conference RM#102

## Smoothness Task Force Meeting Minutes

9:00 AM Self Introductions and Sign in:

Those in attendance were:

Smoothness Task Force  
March 10, 2006

Name	Company	email
Glenn Frieler	CDOT	glenn.frieler@dot.state.co.us
Denis Donnelly	CAPIA	Donnelly de@aol.com
Nicola Upright	CDOT	Nicola.Upright@cdt.state.co.us
Donna Harmelink	FHWA	donna.harmelink@FHWA.dot.gov
Jamie Johnson	RMCC	JJohnson@cementcouncil.org
RUBEN ROBERTS	Schmidt Const	rroberts@schmidtconstr.com
Jeff Robinson	Pavement Solutions	jeffr@intrq.com
John Bathbun	Cutler Repaving Inc	jbathbun@cutlerepaving.com
Jason Patton	Aggregate Ind / Holcim	Jason.Patton@aggregate.com
ROBERT RLESTER	KFEWEST	RLESTER@KFEWEST.com
Ron Youngman	Co/Wy AcPA	2young2b_ron@comcast.net
Bob Tudor	Concrete Works of Colorado	cucbob@earthlink.net
John Cheever	Holcim/Agg Ind.	John.cheever@aggregate.com
Tim Clayton	RMCC/CAPIA	timclayton@co-asphalt.com
ERIK JENNEN	CRCC	EJENNEN@CRCC.ILC.COM
Larry Brink	CDOT	Larry.Brink@dot.state.co.us
RICHARD ZAMORA	CDOT RZ	RICHARD.ZAMORA@DOT.STATE.CO.US
LYLE SMITH	CUTLER REPAVING	LSMITH@CUTLERREPAVING.COM
RANDY FURST	CDOT PROJECT DEVELOPMENT	randall.furst@dot.state.co.us
Brad Parker	Asphalt Paving Co.	Bparker@asphaltpavingco.com
Duane Covert	RoadTrac, Inc.	dcovert@roadtracinc.com
Roy Guevara	CDOT	roy.guevara@dot.state.co.us
DAVE POTTER	Denver & MGPOR	dave.potter@cc.denver.co.us



(1.)

A pre-agenda topic was requested by Denis Donnelly. The topic was task force organization and what constituted a voting member as apposed to a guest. With the work of the task force affecting both concrete and asphalt industries it was agreed that we would have a chair person from each industry as well as CDOT. This is how the task force was operating in the past.

The chair persons for the Smoothness Task Force are as follows:

Glenn Frieler	CDOT
Ron Youngman	ACPA
Tom Clayton	CAPA

The chair persons will work together to set future agendas, solicit guest speakers, and set the agendas for sub-committees.

The core voting members of the task force will be comprised of the following:

- 2 from Asphalt (Tom Clayton, John Cheever)
- 2 from Concrete (Ron Youngman, Erik Jensen)
- 3 from CDOT (Glenn Frieler, Nicola Upright, Richard Zamora)
- 1 from FHWA (Donna Harmelink)

All voting will be done via email.

(2.)

The Task Force Welcomed John Rathbum (Vice President - Cutler Repaving) and Lyle Smith ( Area Manager – Cutler Repaving)

Discussion on ***Hot in Place Re-paving*** and how it relates to smoothness.

John Rathbum discussed the Hot in Place Re-paving and how it relates to smoothness. He felt that his process can produce a smooth roadway that can compete for incentives. He also felt that the Heater Scarification industry could take steps to modifying their equipment that would allow them to gain control of both slope and grade. He felt that if CDOT would increase the incentives on projects that the Heater Scarification industry would be motivated to make these modifications to their equipment.

(3)

Smoothness Training and Education - Level D / Level S – (2007)

Tom Clayton discussed the current Class D Profilograph Operator Certification Program. The program is scheduled to stop the end of June 06. The new Class S Profiler Operator Certification Program will need to be on line shortly after that. The course description and curriculum will need to be developed in order to keep a supply of trained operators in the work place to profile CDOT as well as other agencies projects. The task force decided to have a sub-committee work on developing the course description and curriculum for the task force. This sub-committee would also develop a certification program for all



profilers to be used on CDOT projects. The sub-committee will be comprised of the following task force members:

DuAine Covert (sub-committee chair person) RoadTrack Inc.  
Eric Prieve CDOT  
Kelvin Jiron CDOT  
Jamie Johnson RMCC  
Robert Lester CAPA  
Jeff Robinson Pavement Solutions  
Tom Clayton Asphalt Education Center  
Glenn Frieler CDOT

First meeting of the sub-committee will be in the month of April. The sub-committee will have draft proposals covering both the operator certification and equipment certification for the general task force to review by the **May 23** meeting.

(4)

#### Profiler Class and Round Up

Nicola Upright briefed the task force on the up coming Profiler Training Class and Profiler Round Up that will be happening in Evans this month and next. The first class is scheduled for March 29<sup>th</sup>. It is full and the second class scheduled for March 31 is over half full. There is no sign up for the Round Up scheduled for April 5<sup>th</sup> but Contractor and Consultant interest has been high so a good turn out is expected.

(5.)

Incentive/Disincentives limits for 2007 were discussed by the task force. There was a wide range of comments but most if not all followed this theme;

Incentives/disincentives need to be the same for asphalt and concrete pavements.

The spec needs to be equitable for both industries.

In order to be equitable the spec needs to address service life and level of investment.

The spec needs to have enough dollars attached to it, both incentive and disincentives to make it meaningful.

The spec should have straight line progressive incentives and disincentives tables.

There needs to be a top and bottom limit to incentives and disincentives.

Having different tables for new construction needs to be examined.



Donna Harmelink with FHWA informed the task force that FHWA does not have limits on the amount of incentives a state can offer. An increase in the dollar level of incentives paid on a project would have to be justified by a substantial increase in the smoothness of the roadway.

The task force decided that this work would best be done in sub-committee with proposals brought back to the task force. The following people will be on this sub-committee to draft proposals to address these issues:

Glenn Frieler CDOT (sub-committee Chair Person)  
Eric Prieve CDOT  
DuAine Covert RoadTrack  
Eric Jenson CRCC  
Brad Baker Asphalt Paving  
Jeff Robinson Pavement Solutions

(6.)

QCQA profiling in 2007. Can CDOT do all the QA for all the projects? What are our options?

Glenn Frieler informed the task force that CDOT's upper management will be deciding which direction CDOT will be going with regards to QA profiling in the 2007 construction season. Options that they will be looking at include;

Hiring various consulting companies to take up the profiling load during peak season.  
Purchasing a new profiler and employing an additional employee.  
Possibly developing a spec that would allow QC profiling for pay.

These possibilities are listed in order of time to implement from shortest to longest. No decision has been made on this topic yet.

*The next meeting will be held in the Turnpike Conference Room 4670 Holly, Denver, CO 80216-6408*

**Sub-committee Chair Persons are reminded that it is their responsibility to schedule and hold the necessary meetings of their sub-committees in order to bring back to the task force meaningful proposals.**

