2009 ISAP-TC-APE-RAP workshop--Wrap Up

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Problems Need to be Solved for RAP(1)

- Application (Surface, Base, Subbase)
 Surface 30-100%
- Mix Design (No Standard Version)
 Marshall, Superpave
- Test Methods for Materials Characterization
- Blending Chart
 Old-New Binder Interaction
- Durability
 Aging Characteristics, Multiple Aging

Problems Need to be Solved for RAP(2)

Environmental Issue

Fume mission (CO₂)

Pollutant Content of RAP

Economical Issue

Life Cycle Analysis Software

Specification- NA

Still Using Conventional Methods

Problems Need to be Solved for RAP(3)

Other Applications

RAP+ SMA

RAP+ WMA (Wax...)

RAP+ Other Additives

Emulsion

Recovery Methods

Field Performance Validation