Research Subtask Group Members

- Michael Samadian (David Lim)
- Larry Santucci (John Harvey)
- Erwin Kohler (James Signore)
- Shakir Shatnawi
- Gary Hicks
- David Jones
- Sam Yang (new)
- Joe Holland
- Bill Nokes
Resources Available to Research Subtask Group

- Jim Moulthrop  Fugro-BRE
- Jim St. Martin  APACA
- Mike Darter  ARA Inc.
- Larry Scofield  ACPA
2009 Accomplishments

- Completed Second Year Noise Measurements on California Concrete Pavement Surfaces

- Incorporated Pavement Preservation ETG Research Needs into Caltrans-UC PPRC Program
  - Performance Related Specifications for Pavement Preservation Treatments
  - Acceptance Criteria for Surface Treatments
  - Integrating Pavement Preservation into the Design Process

- Due to funding constraints at Caltrans, effort will be funded through NCHRP
2009 Accomplishments (cont’d)

- Completed HVS Testing of Conventional Warm Mix Asphalt Sections at Graniterock

- Prepared for next round of HVS testing on Warm Mix with RHMA-G at UC Davis

- Provided Updates on Pavement Preservation Practices through UC Berkeley Tech Transfer
  - Use of Tack Coat
  - Rubber Modified Pavements

- Supported Caltrans and Industry on Implementation of Research Products
  - Construction Scheduling (CA4PRS)
2010 Work Plan

♦ Complete/Continue On-Going Research Tasks
  – Chip Seal Guide
  – Concrete Pavement Noise Measurements
  – Updates on Pavement Preservation
  – Training through UC Berkeley Tech Transfer
  – Support Implementation of Research Products

♦ Work with Caltrans on Implementation of PMS

♦ Conduct HVS Testing on RHMA-G Warm Mix Sections
2010 Work Plan (cont’d)

- Conduct Laboratory and Field Evaluations of Mix Design Procedures for Thin Overlays

- Conduct Field and HVS Evaluations of Extended Life Benefits of Pavement Preservation Treatments
  - Laboratory Tests Complete on Open Graded Mixes
  - Results will be Integrated into “CalME” Program