Topics for Discussion

- Specifications development
- Section 37 of Standard Specifications (Seal Coats)
- 2015 Standard Specifications
- Lane closures for seal coat operations
- Moving forward
Organization

Rock Products Committee

Asphalt Task Group  Pavement Preservation Task Group

Concrete Task Group  Pavement Foundations Task Group
A team of Caltrans and industry members that primarily look into all things related to Pavement Preservation

They work on the development and implementation of specifications and test methods

There are three Caltrans co-chairs and two co-chairs from industry – Asphalt Pavement and Concrete Pavement related items

The group oversees several sub-task groups dealing with pavement preservation related items
PPTG Members

INDUSTRY CO-CHAIRS

- Jim Ryan
- Bruce Carter

CALTRANS CO-CHAIRS

- Chuck Suszko, Caltrans Office of Construction Engineering
- Sri Balasubramanian, Caltrans Office of Asphalt Pavement
- Robert Hogan, Caltrans Office of Concrete Pavement and Foundations
PPTG Sub-Task Groups

- Section 37 Rewrite
- Thin Concrete Overlay
- Surface Seals
  - Fog Seal
  - Rubberized Slurry Seal
  - Modified Binder Chip Seal
  - AASHTO/ASTM – Emulsion
  - Sampling/Testing – Emulsion and Residue
- Non-destructive Dowell Bar Location
- CIR – Asphalt Emulsion
- Skid Testing
- CIR – Foamed Asphalt
- Concrete Patching & Repair
  - Surface Sealer/Hardener
  - Spall Repair
Section 37

- Deals with Seal Coats (used to be Bituminous Seals)
- Working closely with industry it was rewritten for uniformity and consistency between various sections
- Currently being reviewed by mandatory stakeholders
- Scheduled to be posted as RSS in April 2016
- Not included in the current 2015 Standard Specifications
2015 Standards

- July 2013 – Moratorium on technical content changes
- Oct 2015 – Electronic version was posted online
- Jan 2016 – Print version is available to purchase
- Jul 2016 – Projects will be using 2015 Standards
- Apr 2016 – Projects could use RSS
2015 Standards Format

- Format similar to 2010 format but with changes
- Continued with “plain language”
- Some sections have been added or renamed
- Content has been moved around under sections
- Some terms and table formats have been changed
2015 Standards Structure

- **GENERAL**
  - Contains general requirements applicable to all other sections

- **MATERIALS**
  - Contains material requirements

- **CONSTRUCTION**
  - Contains construction requirements

- **PAYMENT**
  - Contains measurement requirements
2015 Standards Structure

37 SEAL COATS

- 37-1 General
- 37-2 Chip Seals
- 37-3 Slurry Seal and Micro-surfacing
- 37-4 Fog Seals and Flush Coats
- 37-5 Parking Area Seals
37-2 Chip Seals

- 37-2.01 General
- 37-2.02 Asphaltic Emulsion Chip Seal
- 37-2.03 Polymer Modified Asphaltic Emulsion Chip Seal
- 37-2.04 Asphalt Rubber Binder Chip Seal
- 37-2.05 Stress Absorbing Membrane Interlayer
- 37-2.05 Modified Asphalt Binder Chip Seal (Reserved)
- 37-2.06 Scrub Seal (Reserved)
37-2.02 Asphalitic Emulsion Chip Seals

- **37-2.02A General**
  - 37-2.02A(1) Summary
  - 37-2.02A(2) Definitions
  - 37-2.02A(3) Submittals
  - 37-2.02A(4) Quality Assurance
    - 37-2.02A(4)(a) General
    - 37-2.02A(4)(b) Quality Assurance
    - 37-2.02A(4)(c) Department Acceptance

- **37-2.02B Materials**
  - 37-2.02B(1) Asphalitic Emulsion
  - 37-2.02B(2) Aggregate

- **37-2.02C Construction**
  - Equipment requirements
  - Emulsion application rate
  - Aggregate spread rate
  - Discuss other Construction related activities

- **37-2.02D Payment**
  - Not used (if it is covered somewhere else)
REMEMBER !!!

- Caltrans and Industry worked closely to completely rewrite Section 37.
- The format and contents have changed.
- PLEASE get RSS as soon as it is posted and read it thoroughly to become familiar with the format and contents.

Scheduled to be posted as RSS in April 2016
Lane Closures for Seal Coat Activities

- The length of lane closures and duration of lane closures have been extremely short


- Revised Transportation Management Plan Guidelines in November 2015 – to provide additional time/length

- Provide/remind District Traffic Managers during their monthly meetings about lane closure limits on these fast paced activities

- Bring to our attention any projects that you encounter unreasonable lane closure lengths or durations
Moving Forward

- Fog Seal Specifications
- Rubber Modified Slurry Seal Specifications
- Modified Binder Chip Seal Specifications
- Explore adoption of AASHTO/ASTM test methods for emulsion and emulsion residue testing under Sec. 94
- Sampling/Test methods for residual asphalt and moisture content
How can I participate?

- Sub-task group meetings are open to anyone who is interested in participating.

- You can participate in one or all sub-task groups based on your available time.

- It is a commitment and you should plan on participating in all meetings of a sub-task group.

- Attend in-person meetings.
What is the process?

- Want to propose a change or improvement to the specifications or propose new specification?

- Contact one of the industry co-chairs

- If it falls under an existing sub-task group - contact one of the industry sub-task group co-chair

- If not, and PPTG decides to move forward – PPTG co-chairs prepare a scoping document – submit to RPC for approval – create a sub-task group
Where can I get more information?

- Talk to one of the Industry co-chairs
- Talk to one of the Caltrans co-chairs
- Attend the next Rock Products Committee meeting
Thank you!