

RMWPPP Caltrans Activities

Reported by
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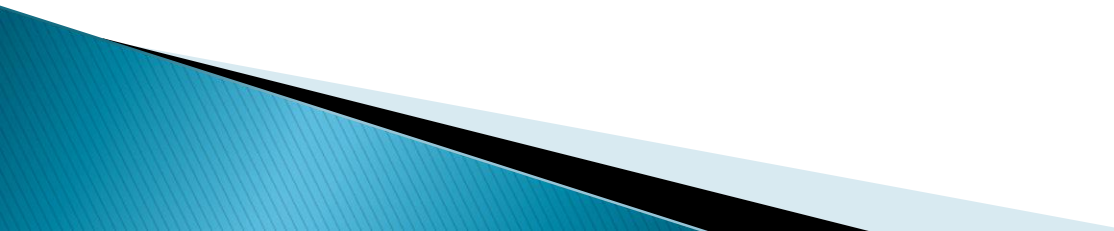
October 9, 2014



Source of Information

September 2014 CP2 Newsletter
Interview with Steve Takigawa

Report Template

- ▶ Demographics
 - ▶ Tool box
 - HMA
 - PCC
 - ▶ Strengths and Weaknesses
 - ▶ Challenges
 - Technical/Educational
 - Political/Funding
 - ▶ Looking Ahead
 - ▶ Current work activities
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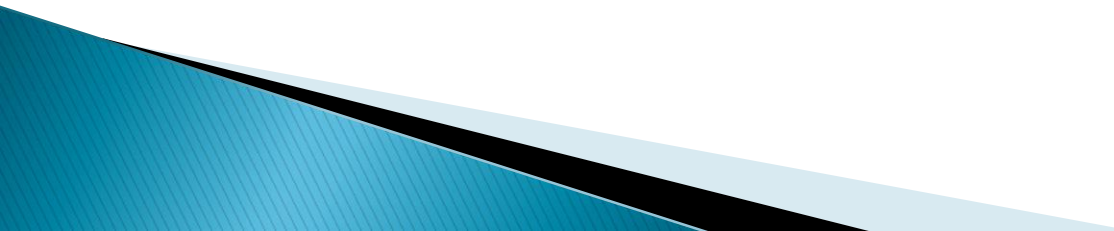
Current Activities–PCC Pavements

- ▶ Full depth slab replacement– rapid strength concrete
- ▶ Polyester backfill for DBR
- ▶ Treatment of concrete to reduce surface wear
- ▶ Next Generation Diamond Grinding
- ▶ New concrete pavement guide for preservation, rehabilitation, and reconstruction
- ▶ Does not replace the MTAG which will be updated

Current Activities – HMA

- ▶ Long life pavements with sacrificial surface layers
- ▶ Use of warm mix additives in thin HMA and hot applied chip seals
- ▶ Pilot projects to evaluate the performance of various hot applied chip seals
- ▶ New smoothness requirements for all pavements. Replacing profilometers with lightweight profilers
- ▶ Expanded use of CIR pavements from \$18 to 45 million per year
- ▶ Expanded use of crumb rubber in preservation treatments

Other activities

- ▶ Final stages of rolling out new PMS system developed by Agile Assets. Will be used to help track pavement preservation treatments
 - ▶ Upgrading the MTAG for both asphalt and concrete pavements and providing training
 - ▶ Funding for preservation is holding about \$250 million per year while funding for rehab has decreased
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Summary

- ▶ Caltrans continues to use preservation statewide to preserve the network
 - ▶ The quality of the network has improved in recent years with increased use of preservation
 - ▶ There is a strong need for training to keep an informed work force
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