Pavement Recycling and Reclaiming Center

Western States Regional In-Place Recycling Conference

September 11-13, 2012
Pavement Recycling Center Team Members

Dr. Stephen A. Cross, PE
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PRRC Mission

- To advance the state of the art and state of practice in pavement recycling and reclaiming and to provide public agencies with the tools and knowledge necessary to complete successful pavement recycling and reclaiming projects. We will serve both agencies and industry by providing an independent and objective forum for discussion, development, and advancement.
Sponsors

- California Department of Transportation – *Caltrans*
- Asphalt Recycling & Reclaiming Association [www.ARRAnz.org](http://www.ARRAnz.org)
- Founders Circle Members
Cold Planing

Cold Recycling

Hot In-Place Recycling

Full Depth Reclamation
PRRC Resources

- Education and Outreach
- Sustainable Pavements Toolbox
- Innovation and Research
ARRA’s Basic Asphalt Recycling Manual (BARM)
- Published 2002
- Translated into Chinese and Spanish
- Covers 4 disciplines CP, HIR, CR and FDR
- Project selection, design, construction
Update ARRA’s Basic Asphalt Recycling Manual (BARM)
- Contract FHWA to assist with revision of BARM
- Published early 2013

Virtual BARM
- Contract with Oklahoma Transportation Center for funds to make portion of BARM interactive
Publications

- NCHRP Synthesis 421 Recycling and Reclamation of Asphalt Pavements Using In-Place Methods, A Synthesis of Highway Practice.
Publications

- PRRC Newsletter
- Roadmap
  - Issued quarterly
  - Update of PRRC activities
  - Articles of interest to in-place recycling industry
- Research update
- Spotlight Founders Circle member
- List of upcoming events/meetings
E-mail questions:

- From ARRA web page (www.ARRRA.org)
- Directly to me: (steve.cross@okstate.edu)
- PRRC web page: (www.prrcenter.org)

Try to respond within 48 hours....
sometimes takes little research

Frequently Asked Questions
Guide Documents

- Recommended Construction Guidelines
- Recommended Preconstruction Sampling & Mix Design Procedures
- Recommended Quality Assurance Sampling & Testing Guideline
- Project Selection Guideline
Outreach

- FHWA/ARRA In-Place Recycling Seminars
- Rocky Mountain Asphalt User Producer Group
- NCAT Professor Training Course
- WYCA/WYDOT Training Conference
- *Municipal Roads Technologies Conference*, Ontario, Canada
- Southwest Jiaotong University, Chengdu, China
- 2012 National Pavement Preservation Conference, Nashville, TN
- TRB Annual Meetings


PRRC (Caltrans)
- High RAP Study
- CIR Study
Education and Outreach

- Certification/Training Class
  - Preconstruction Personnel Trainer (PPT) Certification
  - QA Technician Certification
  - Agency Inspection Training
  - Just in Time Trainer Certification
Sustainability Toolbox

- Project Registration Database
  - Agency documentation of benefits of utilizing recycling and reclaiming technologies
- Sustainability calculator
  - Numerous LCA computer programs being reviewed
  - Equal comparisons?
Visit us @ www.PRRCenter.org

- News, information, help desk
- Guide Specifications, Best Practices

For more information please contact:

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