Western Regional In-Place Recycling Conference

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Salt Lake City, Utah  
June 5, 2008
Why Recycle?
AASHTO Role
Partnerships
Obstacles to Overcome
Meeting The Challenge
Reasons to Recycle

➢ High Quality Materials in Place
  • Existing May be Better Than Virgin

➢ Limited Disposal Options
  • Difficult to Find
  • Costly to Dispose
Reasons to Recycle

- Large Volume of Potential Materials
  - 2.3 Million Center Line Miles of HMA in Place
- Environmental Sustainability
- Wards off “Help” from External Influencing Factors
- It’s The Right Thing To Do!
AASHTO Role

- Publish Standards
  - Materials Specification
  - Recommended Practice
  - Test Methods

- Established a Recycling Task Force
Recycling Task Force

- Guide Specification Development
  - Encourage Committee Chairs
  - Challenge Subcommittee on Materials
- Coordinate Efforts With Partners
Recycling Task Force Goals

- Implement Standards for Recycled Materials Considering
  - Engineering Principles
  - Environmental Stewardship
  - Economic Feasibility
Partners

- States, including State Environmental Agencies
- Federal Agencies – FHWA, EPA, Etc.
- AASHTO
- Industry – Contractors, Producers, ARRA
- Recycled Materials Resource Center
- Center for Pavement Preservation
- Center for Environmental Excellence
Recycled Materials Resource Center

- University of New Hampshire & University of Wisconsin – Madison
- Develop Guidelines, T², Encourage Use, and Reduce Barriers for Recycling
- Provided Basis for Numerous AASHTO Standards
- Active Research Efforts
Recycled Materials Resource Center

- Pooled Fund Supported
- Consider Joining
- http://www.rmrc.unh.edu/
Industry Partners

- Provide Case Study Data
- Conduct/provide Research
- Open Communication
Barriers to Overcome

- Perceptions
- Cooperation with Environmental Agencies
- Engineering “Help” from Legislative Bodies
- Fear of Failure
Meeting The Challenge

➢ Communicate!
➢ All Partners have Same Goals
  • Quality Product
  • Meeting Specification Requirements
  • Environmentally Sound
➢ Document and Share Successes
➢ Be Proactive
Meeting The Challenge

- Opportunities Exist
  - 2.3 Million Center Line Miles of HMA
- Seek Innovation
Meeting The Challenge

- Work Together to Build Successes in a Sustainable and Environmentally Sensitive Manner that Meets Engineering Requirements