


Federal Highway Administration and Industrial Resource Council (IRC) Material 2014 Webinar Series




U.S. Department of Transportation
Federal Highway Administration

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FHWA/IRC Joint Activities

- IRC Website: Has the past conference from multiple years posted. Under events: 2012 (Austin) and 2013 (Indianapolis) conferences. <http://www.industrialresourcescouncil.org/Home/tabid/337/Default.aspx>
- 2014 Regional Seminars
 - Sept 17th and 18th, Raleigh, NC
 - Dec 3rd, Columbus, Oh



2014 Schedule of Events

- July 29th - IRC presentation at the 2014 AASHTO Subcommittee of Materials meeting – discussing the IRC Matrix of Materials and Uses
- Improvements to the website as a working tool for Agencies (Federal, State and Local) on the use of recycled materials



FHWA Recycling Emphasis Include

- To advance the availability and use of multiple IRC recyclable materials
 - Recycled Shingles
 - Scrap Tires
 - Fly Ash for Pavements
 - Recycled Concrete Aggregates
 - Foundry Sands
 - Steel Slags for Bases and Surface Applications
- Other materials including RAP, RAS, Slags, In-Place Recycling, etc.



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IRC Matrix of Recycled Materials

- Six Materials identified for use in 25 difference applications:
The matrix is not finished...so
- Technical Briefs also available for all materials

APPLICATIONS	MATERIALS					
	Recycled Concrete Products	Slag Products	Foundry Sand	Recycled Tire	Recycled Construction Material	Scrap Tires
Asphalt Concrete						
• Recycled Asphalt Concrete	✓	✓	✓	✓	✓	✓
• Recycled Concrete	✓	✓	✓	✓	✓	✓
Base						
• Recycled Concrete	✓	✓	✓	✓	✓	✓
• Recycled Asphalt Concrete	✓	✓	✓	✓	✓	✓
Subgrade						
• Recycled Concrete	✓	✓	✓	✓	✓	✓
• Recycled Asphalt Concrete	✓	✓	✓	✓	✓	✓
Other						
• Concrete Blocks	✓	✓	✓	✓	✓	✓
• Recycled Concrete	✓	✓	✓	✓	✓	✓
• Recycled Asphalt Concrete	✓	✓	✓	✓	✓	✓
Construction						
• Recycled Concrete	✓	✓	✓	✓	✓	✓
• Recycled Asphalt Concrete	✓	✓	✓	✓	✓	✓
Land Use						
• Recycled Concrete	✓	✓	✓	✓	✓	✓
• Recycled Asphalt Concrete	✓	✓	✓	✓	✓	✓



Webinar's Part A and Part B

- Part A**
- FHWA Introduction
 - Recycled Shingles
 - Scrap Tires
 - Fly Ash
 - FHWA Program Activities

- Part B**
- FHWA Introduction
 - Recycled Concrete
 - Foundry Sand
 - Slag Applications
 - FHWA Program Activities



Thank you for participating

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Thank You



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