

**Roofs to Roads**  
**Quarterly Advisory Board Meeting**  
Thursday, May 21, 2009

Attendees included Jennifer Shriver, David Coddington, Thomas White (Boulder Co), Jim Hoffman (Asphalt Specialties), Jarrett Welch, Dan Rossi (Brannan), Roy Guevara, Roberto DeDios, and Denis Donnelly

Jim Hoffman said that Asphalt Shingles has stockpiled 300-400 tons of tear-off shingles and 2000 tons of manufactured waste shingles.

Asphalt Specialties placed the 63<sup>rd</sup> St. test section down during the week of April 8, 2009. Because of the narrow weather window, advance notice wasn't given to the Board members. Thus, an open house nor visits to the plant or site during construction could be scheduled. Specifics on the test site containing recycled asphalt shingles (RAS) include the following:

Location: 63<sup>rd</sup> St. Niwot to Oxford St., one mile long, (northeast of Boulder and north of SH 119)  
Placed: 4/8/09

Existing AC pavement was ground and recompact to an equivalent of 12" base.  
Pavement: 16' wide, 6" thick, 3,200 tons of HMA, 2,500 tons of HMA w/RAS  
Test Sections: NB – 15% RAP & 5% RAS, SB – 20% RAP

A summary of AC Laboratory Testing was handed out as prepared by the QA consultant, Earth Engineering. Tom White said that other information on the site construction could be made available. Jennifer would collect and send out to the Board. This would include plant and paving conditions including temperatures, roller passes, etc. If plant operating conditions such as air quality and emissions testing were taken they should also be included.

Boulder County future projects are dependent upon funding and plan preparation. They hope to use tear-off shingles in future jobs. Three major projects in the plans include Cherryville, Velmont, and Neva Road. These are currently in design for 2010 construction. \$1.5 million is available for overlay in 2009. Projects include structure, intersection, and other misc. work. Boulder Co. allows 20% RAP (max.). RAS could replace RAP in mix (5% max.)

Other Projects:

- HAZMAT Facility, 25,000 ft<sup>2</sup> parking lot (AC & PCC) 308 yd<sup>3</sup>. 5" thick section, 800 tons of HMA.
- Parking structure for snowplows, N. of Boulder

Jennifer stated that RAS = 27 tons of CO<sub>2</sub> emissions avoided.

As other Board meetings or Roofs to Roads events are scheduled CAPA can announce to its members.

Denis Donnelly  
CAPA