

From: Limas, Tony [<mailto:Tony.Limas@gcinc.com>]
Sent: Wednesday, September 19, 2012 12:10 PM
To: 75percent.comments
Cc: Heidi Sanborn; Grohman, Martin
Subject: Recycled Asphalt Shingles

Regarding the use of Recycled Asphalt Shingles (RAS) in asphalt concrete:

It would be helpful if Caltrans would commit to a date for a permissive specification (Contractor option) allowing the Contractor to use up to 5 percent Recycled Asphalt Shingles (RAS) in asphalt concrete. Without some certainty on when contractors will be allowed to use RAS on Caltrans projects, HMA producers and shingle processors cannot adequately develop a Pro Forma to justify the capital expenditure outlays necessary to cover RAS equipment upgrades. Without equipment Contractors cannot move ahead with RAS recycling.

Caltrans currently has a pilot project specifications for 25% Recycled Asphalt Pavement (RAP) and 3-5% RAS but by their nature pilot project specifications are very limited in their use. The 25% RAP specification is slated to become a contractor option in June of 2014. Because the amount of RAP and RAS allowed in the asphalt concrete mixture will ultimately be tied to the total amount of binder contributed by both the RAP and RAS it would make sense for the RAS option to also go into effect in June of 2014.

Due to limited materials engineering resources, Cities and Counties typically will not allow "new" technologies until Caltrans issues a permissive specification that allows the contractors an option to use the new technology. As such, the level of shingle recycling in California will be tied to progress at the State DOT level.

Again, having a date certain when RAS will be allowed on Caltrans projects would be very helpful.

Thank you,

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