



Lane County Materials Testing Lab

Lane County Public Works Department
3040 N. Delta Highway, Eugene, Oregon 97408 (541) 682-6945 FAX (541) 682-8501

11/06/09

To: Asphalt suppliers

From: Lane County Public Works
C/o City of Eugene Public Works
C/o City of Springfield Public Works

Re: **Asphalt Mix Design Verification for 2010**

This notice is for all suppliers of Hot Mix Asphalt Concrete (HMAC) that will be providing HMAC for Lane County Public Works, City of Eugene Public Works and City of Springfield Public Works projects for the **2010 construction season**.

As you are probably already aware, the City of Eugene and the City of Springfield began using Lane County's materials lab to verify their submitted Asphalt designs beginning two years ago. All designs are verified before approval for all three agencies. The mix design specifications are the same for all three agencies and are now identical to ODOT specifications in the 2008 Blue Book under section 745.13 and 745.14. Paving grade of asphalt cement for all mix designs will be **PG 70-22**. By doing this, a supplier can now limit the number of mix designs needed for construction for the three different agencies.

For the 2010 construction season, all suppliers must submit HMAC mix designs to Lane County Public Works for physical verification no later than March 1, 2010, for anticipated work by any of the three agencies. Suppliers can submit mix designs anytime before that as long as materials anticipated for production are on hand. Suppliers must submit the appropriate amount of material as listed in Lane County's Special Provisions 745.13(a) for each design submitted for verification. If you need a copy of these provisions, contact Lane County. **Verification of mix designs for the 2010 construction season can not be guaranteed for designs submitted after March 1, 2010.**

Project Special provisions for agency work will reflect this date under section 745.13(a).

This verification process also applies for Warm Mix Asphalt Concrete (WMAC). An HMAC design must be verified before a WMAC, derived from it, can be used. Agencies

may require additional Mix Design Verification (MDV) testing of WMAC during production at the Engineer's discretion.

As in the past, Lane County's Materials Lab will work with the contractor to expedite the verification process. If you have to create complete new designs for the 2010 construction season, please start early and contact the Lane County Materials Lab at 541-682-6944, if you have any questions or need assistance.

Thank you,

A handwritten signature in black ink, appearing to read 'Ed Daniels', with a stylized flourish at the end.

Ed Daniels
Engineering Associate
Lane County Materials Lab

00745.13(a) Contractor Provided JMF – Delete first paragraph and add the following:

A CMDT will prepare, sign and submit a JMF to the Engineer for each mixture according to ODOT Contractor Mix Design Guidelines for Asphalt Concrete. The Engineer will verify the performance characteristics of all Contractor provided JMF. Submit material samples for verification testing no later than March 1 of the calendar year of the anticipated use of HMAC mixture. Furnish representative samples of materials to be used in the JMF verification testing as follows:

<u>Materials</u>	<u>Amount</u>
New Coarse Aggregate	100 lbs *
New Fine Aggregate	100 lbs
Reclaimed Asphalt Concrete	45 lbs
Hydrated Lime	5 lbs
Mineral Filler	5 lbs
Asphalt Cement (without antistrip)	3 gal in 1-qt cans
Antistrip Additive	1 qt

*If coarse or fine aggregate is in multiple stockpiles, divide the submittal evenly between stockpiles.

Verification testing will use Gyrotory compaction methods.