



STATE OF MINNESOTA  
OFFICE MEMORANDUM

Office of Materials  
Mailstop 645  
1400 Gervais Avenue  
Maplewood MN 55109

**DATE:** May 2, 2014

**TO:** DSAE's

**FROM:** John Garrity, Bituminous Engineer  
Ron Bumann, State Aid

**PHONE:** 651-366-5577

**SUBJECT: ADDENDUM TO MnDOT BITUMINOUS MANUAL  
Alternate Method for Asphalt Pump Calibration (Pilot Procedure)**

The attached pilot procedure, **Alternate Asphalt Pump Calibration Method**, is to be considered an acceptable and approved method for asphalt plant pump calibration for the 2014 Construction Season. The streamlined calibration method still requires the asphalt pump be calibrated according to the procedure in the Bituminous Manual for the first plant set-up of the year and for plant start-up after winter suspension. But, allows a simplified process of pump calibration for subsequent plant set-ups.

Since this is a pilot provision it is not intended to be used on all projects. Everyone is receiving this memo so they are aware of the provision in the event a Contactor requests it be used on a project. We encourage the use of the attached method, but, would prefer you use it with discretion. For those who do use the Alternate Calibration method we request you report back to us next fall about your experiences with its use. We also recommend including a letter to each project file referencing this memo when the Alternate Calibration method is used. In those instances, during production, where volumetric test data would indicate issues related to added asphalt (i.e. voids, asphalt content, etc.) and the Alternate Pump Calibration method has been used for calibration, we suggest you require immediate pump re-calibration by the standard calibration procedure in the Bituminous Manual. If you have any questions regarding this memo please call Ron Bumann (218-725-2811) or me.