

WMA Technology Review
TEREX's Foamed WMA System
October 12, 2012
E-VOTE

DATE: October 19, 2012

FROM: Bill Schiebel, Materials and Geotechnical Branch Manager

TO: MAC Members and Industry Partners

SUBJECT: Final Decision on Approval of Warm Mix Asphalt Submittal for TEREX's Foamed WMA System

REFERENCE: <http://www.coloradodot.info/business/apl/asphalt-warm-mix.html>

Overview

The review panel for evaluation of Warm Mix Asphalt (WMA) submittals reviewed TEREX's Foamed Warm Mix Asphalt System technical details October 12, 2012, in accordance with Colorado Procedure 59 (CP 59).

Quality of Submittal

TEREX's Foamed WMA System was submitted for CDOT consideration. While the submittal met all of the requirements of CP 59, the organization of the submitted material did not follow the structure of CP 59, which made identifying the required information difficult. While TEREX's Foamed WMA System shows promise based on laboratory experimentation, there was no long-term performance data (e.g., rutting, cracking, raveling, etc.).

WMA Decision

TEREX's Foamed WMA System product is approved by the panel, with the limit of 5,000 tons per project. The current tonnage limit may be lifted if documented field performance is submitted. This technology will be posted to the CDOT website as a Warm Mix Asphalt with restrictions as stipulated under Notes / Restrictions within the table for WMA Technologies.

Re-evaluation Date

10/12/2015