



# COLORADO

## Department of Transportation

Division of Project Support

Materials & Geotechnical Branch  
4670 Holly Street Unit A  
Denver, CO 80216-6408

### MEMORANDUM

**TO: ASPHALT INDUSTRY PARTNERS**

**FROM: MICHAEL STANFORD, P.E.**

**DATE: MAY 1, 2017**

**SUBJECT: WARM MIX ASPHALT**

The first Warm Mix Asphalt (WMA) project was placed by the Colorado Department of Transportation in 2007, on Interstate 70, at the Eisenhower-Johnson Memorial Tunnel. This project consisted of the placement of 3 different WMA additives (approximately a mile each in length), as well as a control section. These test sections were installed to assess performance of WMA in extreme mountain conditions, and were placed as an “Experimental Feature”.

CDOT with the cooperation of the Asphalt Industry formed a WMA Task Force in December of 2009. The purpose of the WMA Task Force was to develop a permissive specification, to allow WMA on all jobs. The Task Force also developed Colorado Procedure 59 (Warm Mix Asphalt Approval Process) to address the WMA approval and project requirements. Along with these items, CDOT added a website for listing their approved WMA technologies and contractors.  
<https://www.codot.gov/business/apl/asphalt-warm-mix.html>

CDOT issued the first WMA Documents on July 14, 2010. Since that time, minor revisions have been made to clarify the WMA approval process and project requirements.

Tonnage restrictions may or may not be placed on some WMA technologies, based on the level of long term performance documentation, submitted to CDOT through the CP-59 process. The WMA technologies approved by CDOT without restrictions have been found to perform equal or better than conventional HMA.

CDOT supports and encourages the use of Warm Mix Asphalt when the Technologies and Contractors follow the approval process and project requirements listed in CP-59.

