

**WMA Technology Review**  
**Astec's Green System**  
**May 14, 2014**

DATE: May 14, 2014

ORIGINAL ISSUE DATE: April 14, 2011

FROM: Bill Schiebel, Materials and Geotechnical Branch Manager

TO: MAC Members and Industry Partners

SUBJECT: Final Decision on Renewal of Warm Mix Asphalt Submittal for Astec's Green System.

REFERENCE: [www.coloradodot.info/business/apl/asphalt-warm-mix.html](http://www.coloradodot.info/business/apl/asphalt-warm-mix.html)

Overview

The review panel for evaluation of Warm Mix Asphalt submittals, reviewed Astec's Green System documentation during the period April 16, 2014 to May 8, 2014, in accordance with the Colorado Procedure 59 (CP-59).

Quality of Submittal

Astec's Green System was submitted for CDOT re-evaluation. The submittal was found to have met all of the requirements of CP-59. While the Green System continues to show promise based on laboratory experimentation, there was no long-term performance data addressing rutting, cracking, raveling, etc...

WMA Decision

Astec's Green System has been re-approved by the panel, with the continued restriction of 5,000 tons per project. The original approval for Astec's Green System was on April 14, 2011. This approval was for a three year period, after which time they were to submit a request for re-evaluation of their product. This technology will be posted to the CDOT website under the category of WMA technologies.

Re-evaluation Date

5/14/2017