

CONSTRUCTION BULLETIN 14-03

TO: Dallas Hammit, Deputy Director for Transportation
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FROM: Julie E. Kliewer, Assistant State Engineer, Construction

DATE: December 12, 2014

Thermoplastic Striping Retroreflectance Acceptance

Purpose

To establish an interim procedure for statewide retroreflectance acceptance of thermoplastic pavement markings.

Background

ADOT has experienced instances where some projects had failed the retroreflectance requirements as specified in the contracts. Therefore, the Department needs to collect more data to determine that the numerical retroreflectivity values currently specified are consistently attainable.

Process

- For yellow thermoplastic **only**, a 10 percent tolerance variation from the contract requirements on retroreflectivity will be permitted before restriping of the roadway is required. There will be *no variation from the contract requirements permitted* for the white thermoplastic retroreflectivity.
- For projects that fail to meet retroreflectivity requirements, the State Traffic Engineer and the State Construction Engineer must be consulted.
- The tolerance of the 10 percent variation on yellow striping will expire no later than February 1, 2016. Data will be collected on all projects for both yellow and white thermoplastic striping which will determine whether changes are needed to the specifications.