

**KANSAS DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION TO THE
STANDARD SPECIFICATIONS, 2015 EDITION**

Delete SECTION 2203 and replace with the following:

SECTION 2203

ROLL-UP SIGNS

2203.1 DESCRIPTION

This specification covers white, fluorescent orange, and fluorescent pink retroreflective sheeting used for temporary roll-up warning signs.

2203.2 REQUIREMENTS

a. Provide retroreflective sheeting that complies with ASTM D4956, Type VI, Class 5.

b. **Mounting Stands.** The type and configuration of stands for mounting and displaying roll-up signs are not specified here, and are at the Contractor's option. However, all stands used must meet the crashworthy criteria for Category 2 devices contained in the testing and acceptance guidelines of the National Cooperative Highway Research Program (NCHRP) Report 350. Retain a copy of the NCHRP Report 350 crashworthy test data and the FHWA acceptance letter to be provided to the Engineer if requested. In addition, the mounted sign and stand must be able to resist normal wind loading without falling over, and be able to maintain a minimum mounting height of 12 inches above the edge of the pavement.

2203.3 TEST METHODS

All tests will be conducted in accordance with ASTM D4956, using Method II for Artificial Accelerated Weathering.

2203.4 PREQUALIFICATION

Only the retroreflective sheeting used to manufacture the signs will be prequalified. Sheeting manufacturers interested in prequalifying material under this specification must submit 3 pieces 24 inches square to the Engineer of Tests. Samples will be tested for compliance with all requirements of this specification. Each manufacturer will be notified of the test results.

If the prequalification samples of retroreflective sheeting comply with this specification, the product will be placed on a list of prequalified products maintained by the Bureau of Construction and Materials. No retroreflective sheeting will be used on KDOT projects unless it has been prequalified. Manufacturers will be required to requalify at intervals determined by the Engineer of Tests.

Testing and evaluation by KDOT may be waived if complete testing has been performed on the identical product by AASHTO National Transportation Product Evaluation Program (NTPEP) within ten years of the KDOT submittal date. Forward an official copy of the test report along with evidence that the product referenced is identical to that submitted for prequalification, to the Engineer of Tests for evaluation.

2203.5 BASIS OF ACCEPTANCE

Prequalification as required by **subsection 2203.4** above.

Receipt and approval of a certification prepared by the manufacturer stating that the sheeting used to manufacture the roll-up signs is essentially the same as that submitted for prequalification.

Visual inspection on delivery.