

## **DESIGN BULLETIN #50/2007 (REVISED December 2011)**

### **Fluorescent Yellow Sheeting for Warning Signs**

#### **December 13, 2011 Amendment to Design Bulletin #50/2007**

This amendment is issued to clarify the sign sheeting for supplementary and advisory speed tab signs used in conjunction with the below mentioned warning signs.

#### **January 15, 2010 Amendment to Design Bulletin #50/2007**

This amendment is issued to update the terminology for sign sheeting to be used on the select warning signs listed below (change from Diamond Grade Cubed sheeting to ASTM D4956 Type IX or Type XI sheeting). This change in terminology reflects the new Type XI sheeting classification and new sheeting products available in the fluorescent yellow colour.

#### **Summary**

This Bulletin is issued to inform practitioners and department staff that ASTM D4956 Type IX or Type XI fluorescent yellow sheeting will be the new standard for select high priority warning signs, listed below.

The use of this higher standard sheeting will be an enhancement to the retroreflectivity, conspicuity and visibility of select warning signs throughout the province as compared to regular yellow high intensity sheeting (ASTM D4956 Type III and IV), thereby improving safety.

#### **Key Changes**

Changes to the department practice for the use of ASTM D4956 Type IX and Type XI fluorescent yellow diamond grade cubed sheeting have been made. Fluorescent yellow ASTM D4956 Type IX or Type XI sheeting should be used for the following warning signs:

- Roadway alignment warning signs – curve signs (WA-1, WA-2, WA-3, WA-4, WA-5, WA-6) and chevrons (WA-9).
- Traffic control ahead signs – stop ahead (WB-1), yield ahead (WB-2), two-way traffic ahead (WB-3), signals ahead (WB-4), prepare to stop AAWS (WB-5), railway crossing ahead (WB-6), school bus stop ahead (WC-9).
- Hazard signs – hazard board (WA-36) and clearance signs (WA-26, WA-27).
- Pedestrian signs – pedestrian crossing ahead (WC-2), playground ahead (WC-3).
- Supplementary and advisory speed tab signs installed on the same post as any of the above signs.

The new guidelines as indicated in this Bulletin are to be implemented immediately as per the usual practice.

Existing signs should be replaced in stages, beginning with higher volume and higher classification roadways and locations of critical importance and replacing the remainder over time. Fluorescent yellow ASTM D4956 Type IX or Type XI sheeting should be used for any new installations of the above signs.

Effective Date: June 18, 2007  
Revised Date: January 15, 2010  
Revised Date 2: December 13, 2011

**Contact**

Contact: Richard Chow or Corinna Mulyk, Technical Standards Branch, Alberta Transportation.

**References**

None.

Recommended:



\_\_\_\_\_  
Steve Otto, P. Eng.  
Director,  
Highway Operations  
Date December 15, 2011

Approved:



\_\_\_\_\_  
Moh Lali, P. Eng.  
Executive Director,  
Technical Standards Branch  
Date DEC. 19/11