

DESIGN BULLETIN #74/2012

Fluorescent Yellow Sheeting for Warning Signs

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 all warning signs in the WA, WB and WC categories, and WD-182 (“New”) sign and its associated tab signs.

The use of this higher standard sheeting will be an enhancement to the retroreflectivity, conspicuity and visibility of all 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 sheeting have been made. Fluorescent yellow ASTM D4956 Type IX or Type XI sheeting should be used for all warning signs, including:

- Signs in each of the WA, WB and WC sign series.
 - WA: Physical conditions signs indicate features or conditions of the road itself.
 - WB: Traffic regulations ahead signs provide an advance warning of a traffic regulation on a road.
 - WC: Intermittent or moving hazard signs indicate the possibility of a situation that may require a driver response.
- WD-182 “New” sign and associated tab signs (WD-182-T, WD-182A-T, WD-182B-T, WD-182C-T, WD-182D-T)
- Any new warning signs added to the above mentioned sign series.
- Supplementary 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 converted to ASTM D4956 Type IX or Type XI fluorescent yellow sheeting when the opportunity arises, or the sign is scheduled for replacement. When any sign/tab is to be converted, the complete sign assembly should be converted to fluorescent yellow sheeting. Fluorescent yellow ASTM D4956 Type IX or Type XI sheeting should be used for any new installations of the above signs.

Effective Date: August 20, 2012

Contact

Elena Yin at (780) 415 - 4827
Technical Standards Branch, Alberta Transportation.

References

None.

Recommended:

*Original signed
by Steve Otto*

Steve Otto
Director, Highway Operations
Technical Standards Branch

Approved:

*Original signed
by Moh Lali*

Moh Lali
Executive Director
Technical Standards Branch