

**TO:** All HQ Directors: Operations, Planning & Major Projects  
All Regional Directors  
All District Managers, Transportation

**Subject:** Sign Sheeting Materials

**Background:**

The Specifications for Standard Highway Sign Materials, Fabrication and Supply ([http://www.th.gov.bc.ca/publications/eng\\_publications/signs/Sign\\_Fabrication\\_Specs.pdf](http://www.th.gov.bc.ca/publications/eng_publications/signs/Sign_Fabrication_Specs.pdf)) state that Highway signs shall be fabricated with sheeting material meeting

American Society for Testing and Materials (ASTM) *D4956 Standard Specification for Retro-reflective Sheeting for Traffic Control*

Standard Highway Signs are defined in the Sign Pattern Manual ([http://www.th.gov.bc.ca/publications/eng\\_publications/geometsigns.htm](http://www.th.gov.bc.ca/publications/eng_publications/geometsigns.htm)) and the reflectivity requirement is defined in the reflectivity column at the bottom of the sign record.

**Policy:**

This table defines the sheeting types which are acceptable for use for the corresponding ASTM Type

Reflectivity	Manufacturer	Manufacturer
ASTM Type 1	3M Scotchlite, Reflective Sheeting Engineer Grade #2200/3200 series	Avery Dennison Reflective Sheeting Engineer Grade T-1000
ASTM Type 3	3M High Intensity Grade, Prismatic Sheeting #3930 series	Avery Dennison Reflective Sheeting Very High Intensity Prismatic Grade T-6000
ASTM Type 9	3M Scotchlite Diamond Grade Reflective Sheeting VIP #3990 series	Avery Dennison Reflective Sheeting Omni-View

Additional acceptable products for overlays;

- 3M Scotchlite Protective Films, #1160 Series (Premium solvent resistant flouropolymer film) - this U/V Anti graffitti guard material is the clear overlaminant protectant applied to the face of the sign.
- Avery Dennison Overlays OL-2000

A highway sign must be made entirely with one manufacturer's sheeting. Sheetings from different manufacturers must not be used on the same sign or sign combination.

When a highway sign has an accompanying tab then the sign and the tab must be of the same level of reflectivity for consistency of night time visibility and the sheetings must be from the same manufacturer.

**Contact:**

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A handwritten signature in black ink, appearing to read 'D. Nyland', with a horizontal line underneath it.

Dirk Nyland, P. Eng.  
Chief Engineer  
Engineering Branch