

Maintenance Advisory

MA 2009-05

April 14, 2009

From Jon W. Reincke, Engineer of Operations

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Maintenance
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this advisory, contact:

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Sign Sheeting Material Change

For FY 2007, the department revised the permanent sign sheeting requirements on our freeway and non-freeway corridors. All regulatory and guide signs using ASTM Type III sheeting will be affected. The revision changed the sheeting used to ASTM Type IV which provides higher reflective qualities, longer service life, and a reduced cost for sheeting materials.

The following are examples of the changes:

- Freeway guide signs are to have ASTM Type IX legends and borders on a Type IV background.
- Non-freeway guide signs require ASTM Type IV retroreflective sheeting materials.
- Regulatory signs require ASTM Type IV retroreflective sheeting materials.

This change must be implemented in our statewide maintenance operations. The department is no longer purchasing Type III sheeting. All new orders for sheeting materials and manufactured signs now meet the revised materials guidelines.

The attached "Retroreflective Sign Sheeting Material Guidelines" should be used as reference in determining proper sign sheeting for a particular sign category. All sheeting materials must be on the Qualified Products List (QPL) as shown below:

ASTM Type IV	ASTM Type IX
Avery Dennison T-6500 Series	Avery Dennison T-9500 series
3M 3930 Series	3M Series 3990 or 3M Series 4000

The QPL is updated regularly, so staff should check the latest listing when ordering new material.

The existing supply of Type III material is being exhausted and may be used until gone.

Please ensure that your contract agencies are aware of this change and follow your lead and direction. They should stop purchasing Type III sign sheeting materials for use on state trunklines. They should no longer buy manufactured signs made with Type III sheeting for use on our routes. They may exhaust their current supplies if they so desire.

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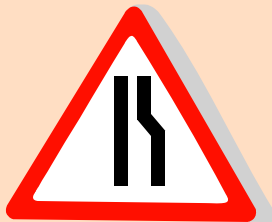
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Retroreflective Sign Sheeting Material Guidelines

Sign Category	Material Type
Yellow Warning Signs [W series (non school related), E13-1, E13-2, E11-1, OM-1, OM-2, OM-3]	ASTM Type IX Fluorescent Yellow
School Signs (S1-1, S4-3, S4-5, S4-5a, school I portion of S5-1, W16-7p, W16-9p, W16-2, W16-2a)	ASTM Type IX Fluorescent Yellow Green
Freeway Guide Signs White legends; borders; arrows; Background (Including M8 series signs)	ASTM Type IX White ASTM Type IV Green, Brown, or Blue
Non Freeway Guide Signs	ASTM Type IV
Regulatory Signs (Stop, Yield, parking, black on white signs)	ASTM Type IV
Route Markers	ASTM Type IX