

MATERIALS & RESEARCH DIVISION

Reviewed by:

RFC
Robert F. Cauley
Materials and Research
Engineer



Prepared by:

CJG
Craig Graham
October 18, 1994

RESEARCH UPDATE

Number U94-12

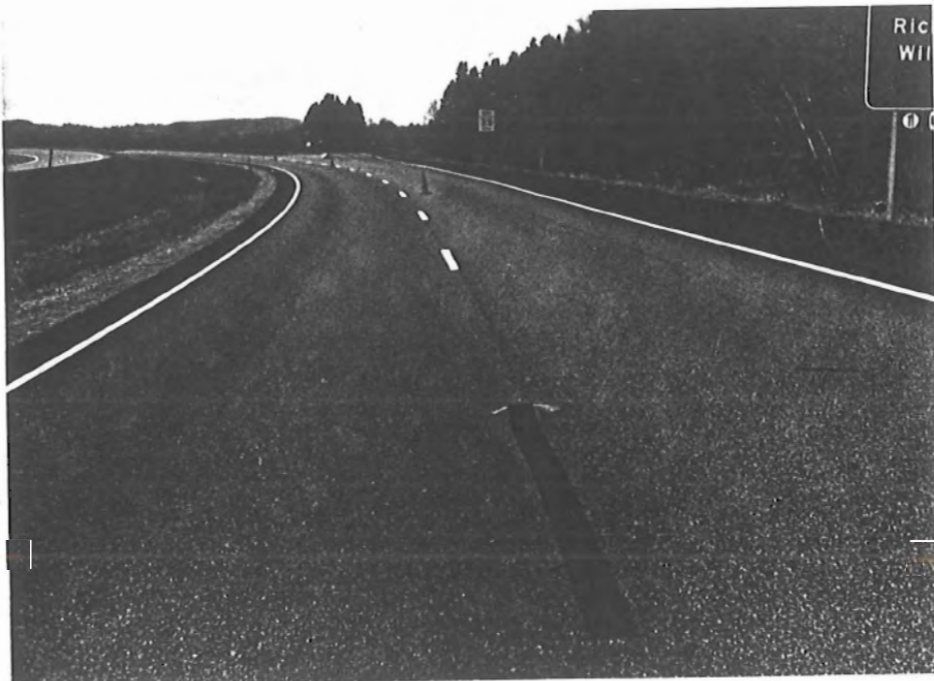
SCOTCH-LANE REMOVABLE BLACK LINE MASK (INITIAL REPORT)

REFERENCE: WP 94-R-8

HISTORY: On April 27, 1994, Scott's Line Striping of Essex, VT placed 20 ten foot sections of Black Line Mask on I89 south of Exit 12, in the northbound lane. This material was placed over the white, durable skip lines.

PRODUCT DESCRIPTION:

Scotch-Lane Removable Black Line Mask, manufactured by 3M Traffic Controls Materials Division, Saint Paul, MN, covers existing markings to prevent them from conflicting with temporary markings and confusing drivers. Non-reflective, removable line mask is matte black and features a skid resistant, waffle pattern that traps surface dirt to help the tape blend with the road color. The material is wide enough to cover gore lines, skip lines, or hash marks.



APPLICATION PROCEDURE: Black Line Mask is supplied in a roll mounted on a rolling application device. The material has an adhesive backing material to aid in its placement. Using the roller, the material is placed over the area to be masked, cut, and tamped to ensure as long a life as possible.

U94-12

October 18,1994

EVALUATION: Since it was placed, Scotch-Lane Black Line Mask has performed well as a temporary device. No sections have either been pulled up or lost due to wear. The product color is noticeably different than the surrounding pavement, but the color difference does not appear to create a hazard.

RECOMMENDATION: 3M Scotch-Lane Black Line Mask should be approved by the Agency of Transportation for use as a temporary marking.