

Rainline Pavement Marking
Highway 14:04 (west of hwy 21 interchange)
Applied July 2008
Evaluated on June 25, 2009

File: 8190-3-10

Summary

During the installation of the Rainline markings at this location it was very important that the markings be set flush with the pavement surface. This has proven to be successful as the retro-reflectivity readings are very good after one season (see retro chart). In placing the marking in the groove and flush or slightly below the surface, the pavement marking is protected during snowplow operations.

The Rainline markings at this location are performing very well and providing very good delineation during day and nighttime driving.

No debonding of the Rainline marking was observed during my evaluation. The pavement on this stretch of highway is fairly new (2 years old), this has contributed to the good durability of the marking,

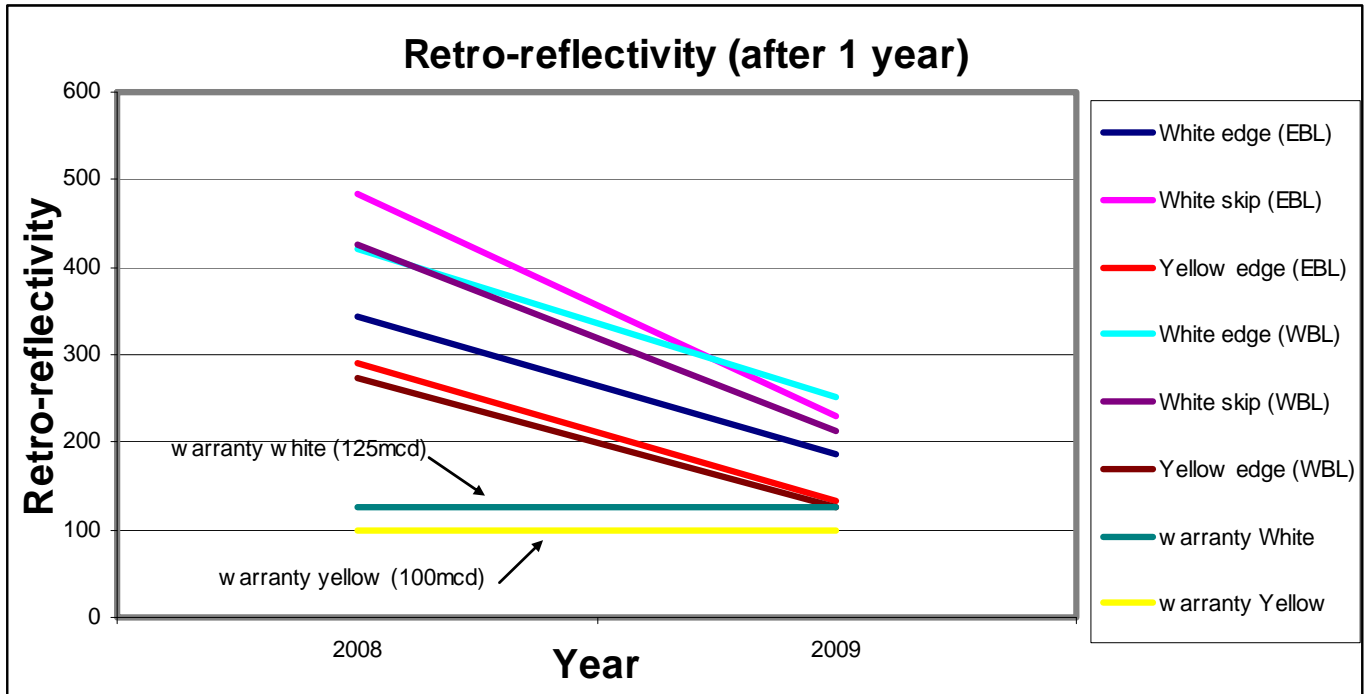
Recommendation

1. It is very important that future applications of Rainline durable markings be placed flush or slightly below the pavement surface. This will protect the markings during snowplow operations and extend the service life of this marking.
2. Continue to take retro-reflective readings annually to determine the life span of this marking on good pavement.

Prepared by: Joe Filice
cc: Roger Skirrow
Robert Kreller
Wilf Cousineau
Richard Chow
Bill Kenny

Please see the following detailed observation notes, retro-reflective readings, chart and photographs.

Chart



Photographs and retro-reflective readings

Location: Near Test Deck

East Bound Lane



South edge line



Center skip line



North edge line

White Edge Line – 188, 181, 183, 190, 179, 181, 195, 189, 195, 185

White Skip Line – 251, 259, 256, 198, 212, 223, 227, 219, 222

Yellow Edge Line – 132, 136, 132, 126, 144, 136, 133, 142, 130, 124

– Average: **187 Mcd**

– Average: **230 Mcd**

– Average: **134 Mcd**

West Bound Lane



South edge line

Yellow Edge Line – 143, 146, 131, 118, 110, 136, 120, 110, 120, 126

White Skip Line – 219, 205, 241, 169, 204, 207, 217, 250, 204

White Edge Line – 232, 281, 256, 278, 257, 248, 240, 251, 239, 240



Center skip line



North edge line

– Average: **126 Mcd**

– Average: **213 Mcd**

– Average: **252 Mcd**