

Pathfinder Marking System

File: 8190-3-19

Location: Highway 32:08 (Approx. 23 km N. of hwy 16)

Applied: October 1999

Evaluated: May 27, 2008



Pathfinder durable wet night marking applied adjacent to the east edge line in 1999. Pathfinder looks very good after nine years with good retro-reflectivity.



Close-up of the Pathfinder pavement marking using a macro camera lens. I estimate approximately 30% bead retention.

The Pathfinder Marking System is a structure marking profiled system that allows rain water to easily run off which exposes the higher build areas for continuous retroreflectivity under inclement conditions.

This marking was surface applied in 1999 adjacent to the E. edge paint line. There is approximately 10% snowplow damage that was observed. Retro-reflective readings were taken with the 30m geometry and the old 15m geometry for comparison purposes (see the attached retro-reflectivity chart). The difference in the types of retro-reflectivity equipment is approximately 10 millicandelas.

The average retro-reflectivity using the 30m geometry is 93 millicandelas, which is very good after 9 years of service. Traffic volume at this location is low (less than 1000 AADT), a better indication of performance will be on hwy 2 near millet.

Prepared: Joe Filice

cc: Roger Skirrow
Moh Lali
Bill Kenny