

**RE: Review of PATHFINDER Marking System**

**PRODUCT**

The PATHFINDER Marking System incorporates solvent free methacrylate binder resins for use in durable road marking compounds. PATHFINDER Marking System is manufactured and supplied by Lafrentz Road Marking Located in Alberta.

**VENDOR CLAIMS AND INFORMATION**

**CLAIMS**

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. Raised profiles also produce an audible tone as a further safety indicator to keep weary drivers in their lanes. Web link for this product: [http://www.roadtraffic-technology.com/contractors/road\\_marking/linetech/linetech4.html](http://www.roadtraffic-technology.com/contractors/road_marking/linetech/linetech4.html)

**DESCRIPTION**

The PATHFINDER Marking System is an all weather traffic striping system. The tiny profiles form small ridges that will rapidly drain away rainwater that enables the glass beads to continue to reflect light during rain periods.

**POTENTIAL USAGE**

PATHFINDER Marking System was developed for an all weather traffic striping system that allows the glass beads to continue to reflect light during rain periods. PATHFINDER offers the following benefits: Snowplowable, highly retroreflective, extremely durable, rain fighter, environmental friendly and audible warning.

**STANDARDS**

Testing procedures are ASTM compliant.

**ALBERTA TRANSPORTATION COMMENTS**

**EXPERIENCE**

Alberta Transportation has experience with durable pavement markings such as System 400 (MMA), PolyCarb Mark 55.4, and RainLine products. These three products are currently listed on Alberta Transportation's products list under the Proven products category.

**APPLICATION STANDARDS**

At present Alberta Transportation does not have a standard for Durable Pavement Markings.

**RECOMMENDATIONS**

PATHFINDER Marking System be listed as a Proven Product under Alberta Transportation Products List, Pavement Markings – Durable – Wet Night High Visibility Striping Systems – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

**TRIAL PROJECTS**

Highway 16 (east of Edmonton) – applied August 2007  
**Several other projects throughout Alberta**

Joe Filice

cc New Product Evaluation Standing Committee – Roger Skirrow  
Richard Chow  
Bill Kenny  
Jim Gavin