

Product Evaluation

RE: Review of RainLine Durable Pavement Marking System

PRODUCT

The RainLine striping process incorporates high quality thermoplastic and conventional glass beads into an inverted profile traffic stripe. RainLine Durable Pavement Marking System is manufactured by RainLine Corporation and distributed by Astrographic Industries Ltd. Located in British Columbia.

VENDOR CLAIMS AND INFORMATION

CLAIMS

RainLine marking system is brighter than any conventional striping during wet/dry or night conditions. The reason for the higher brightness is the unique inverted profile texture of the marking that features over 100,000 angular reflectors per mile of solid stripe. Product web link: <http://rainline.com/>

The RainLine system is presently approved in British Columbia and pending approval in Ontario.

DESCRIPTION

The RainLine product is an all weather traffic striping system that places inverted profiles into the traffic stripe. 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

RainLine Durable Pavement Marking was developed for an all weather traffic striping system that allows the glass beads to continue to reflect light during rain periods. RainLine is available in a standard surface application, audible rumble application and grooved or recessed application. Grooved or recessed RainLine applications are warranted for five years and can be used in all snowplowing conditions.

STANDARDS

No standards submitted.

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

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

The RainLine Durable Pavement Marking System was installed in 1998 (approx. 36,500m) along the shoulders of highway 22X at the south end of the City of Calgary. This marking system has performed very well to date.

APPLICATION STANDARDS

At present Alberta Transportation does not have a standard for Durable Pavement Markings. Alberta Transportation does have a special provision (SpS200) for Durable Pavement Message Markings.

RECOMMENDATIONS

RainLine Durable Pavement Marking System be listed as a Proven Product under Alberta Transportation Products List, Pavement Markings – Durable – Proprietary, based on the information provided.

TRIAL PROJECTS

Highway 22X - South end of the City of Calgary - Installed in 1998
Deerfoot Trail
Hwy 2, Edmonton, Red Deer

Joe Filice

cc Innovations Evaluation Group – Terry Willis
Sal Hasham