

Rainline Pavement Marking
On
Deerfoot Trail

(nighttime observation during rainstorm between 9:30pm and 11:30pm on August 9, 2006)



Paint lines not visible during rain fall



Rainline markings are visible during rain fall



Rainline ends and paint begins; note that the paint lines are not visible during wet night conditions.



I would also like to note that the Rainline markings are audible when driven over.

(daytime observation in dry conditions between 7:00pm and 8:00pm on August 9, 2006)



Rainline during cloudy conditions

On August 9, 2006 I conducted an evaluation of the recently applied Rainline markings. It was fortunate that it rained the night of my nighttime evaluation so that the wet night effect could be determined. The Rainline marking is designed for wet night visibility. My observation has proven that the Rainline marking does perform as intended during wet nights.

I could clearly tell from my observation that the paint lines were very difficult to see while driving during the rain period. As I approached the section of the Deerfoot Trail that had been marked with the Rainline product it was very evident that this type of marking is visible during wet night conditions. The Rainline markings made the drive more manageable than the paint lines during this rain storm.

I feel confident in saying that the Rainline pavement markings are very effective during wet night conditions. The only pavement markings that were visible during my observations in the rain period were the Rainline markings.

Several retro-reflective readings using the Mirolux 30 retro-reflectometer were taken earlier in the day on dry Rainline markings as per the following:

White edge line (located north of 130 Ave S.E. at Barlow Trail northbound overhead sign)

410, 435, 457, 454, 424, 417, 455, 416, 427, 415, 408, 461 and 403. (readings are in Milicandelas)

Very high readings for a pavement marking.

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