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**"Imprint" Colored-Textured Pavement Interim Report 2006 :
Damariscotta, Maine - Intersection of Route 1 & Belvedere Rd.,
April 7, 2006**

Maine Department of Transportation

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"Imprint" Colored-Textured Pavement Interim Report 2006 Damariscotta, Maine – Intersection of Route 1 & Belvedere Rd.



Image 1

"Imprint", a colored and textured paving material, was placed on this project in August 2005 as a traffic calming aid along the mainline of Route 1 at the intersection with Belvedere Rd. The contract unit price for this surface treatment was \$195 per square yard.

After the initial placement, it was discovered that the imprinted areas needed to be significantly increased in order to be effective and so the Contractor was called back to lengthen those areas (see Image 1).

The initial appearance of the material on the project is very good when driving through. On closer examination, there are multiple examples of reflective cracking in the Imprint paving as the underlying asphalt pavement had several stress-related issues prior to the application of the Imprint product (see Image 3).

The Imprint still appears to be well bonded to the asphalt substrate in most areas and does not seem to be delaminating in spite of the snowplowing forces it has undergone during its first winter season. The only noticeable effect of plowing seems to be a wearing of the textured pattern along the butt-joint with the existing asphalt pavement (see Image 2).

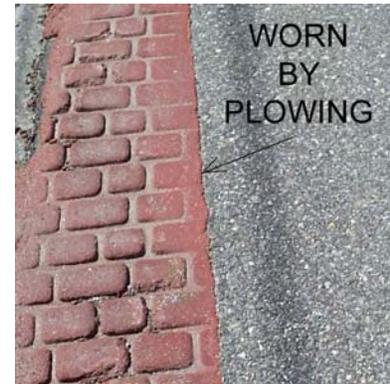


Image 2

A roadside sample of the material (left behind by the installers) was brought back to the office and compared for color with an actual product sample that had not been previously exposed to the elements. The color match was found to be very close and so it is noted that at this point, there does not appear to be significant fading of the color in the field although the material has yet to experience an entire summer season in the baking sun.

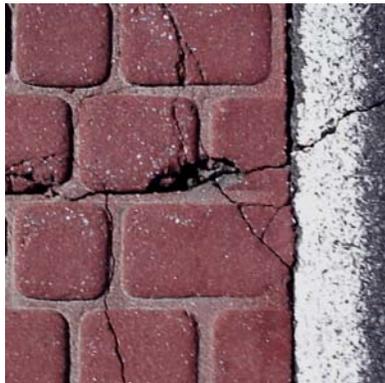


Image 3

Incidentally, there did not seem to be a noticeable calming effect on traffic during my site visit as vehicles were seen flying through the intersection unabated.

It is further noted, that there is still a noticeable rumble effect to the pavement when riding over it. A textured surface that could be felt as well as seen was part of the original intent of the designers.

The Transportation Research Division will continue to monitor this Imprint installation for durability. For more information on Imprint, please visit their USA website at: [Jarvis USA](http://JarvisUSA.com)

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