



THE CITY OF  
**CALGARY**

**TRANSPORTATION DEPARTMENT**  
**ROADS #4010**

2009 November 11

File:

CEMATRIX (Canada) Inc.  
5440 – 53 Street SE  
Calgary, Alberta, T2C 4B6  
Attention: Steve Bent, Vice President

RE: Endorsement of CMI – 475

This letter is written as verification of the City of Calgary's use of Cematrix CMI-475 insulating cellular concrete for road base support and stabilization.

This product was used on an access collector road damaged by heavy loading by Transit buses servicing our Brentwood LRT station. Prior to installing the cellular concrete support, our Roads Maintenance District had to excavate and remove the asphalt surface and subbase on a number of occasions. Each repair resulted in a thicker asphalt layer which still failed.

In 2000, following several failed conventional repairs, Cematrix provided us with a design using CMI-475 and I am pleased to report we have had no further incidents of failure.

Further to the Brentwood project we have since used cellular concrete at several other locations as base support and stabilization and to mitigate frost soil conditions. All locations are performing well.

I am willing to discuss the City of Calgary experience with any jurisdictions contemplating use of cellular concrete and can be reached via email at [keith.macleod@calgary.ca](mailto:keith.macleod@calgary.ca)

Sincerely,

Keith MacLeod  
Contract Services Coordinator  
Calgary Roads