

BOW MARK

January 15, 2018

Cematrix (Canada) Inc.
5440 – 53rd Street S.E.
Calgary, Alberta
T2C 4B6

Attention: Mr. Doug Lavis

RE: Cellular Concrete Placement - Hwy.762 for Alberta Transportation

Hello Doug,

Bow Mark Paving Ltd. was the Prime Contractor for the Alberta Transportation (AT) Hwy.762 project southeast of Bragg Creek and we engaged Cematrix to place cellular concrete for slope stabilization at a site known as the 'S' Curves.

This site has been problematic for the province for many years with continual slide movements and unsafe conditions necessitating constant repairs to the asphalt road surface. As part of the slide repair under this contract, the design entailed shifting and lowering the road alignment and incorporating Cematrix cellular concrete as lightweight fill to reduce the weight of road embankment materials on the slide area to slow down or eliminate future movements.

This was a complex project covering an area about 260m long, 18m wide and up to 4m thick with both vertical and horizontal curves, limited workspace, multiple steps and drainage items. The total volume of cellular concrete placed was approximately 5,600m³ over 23 pour days.

As this was a trial project for AT, Cematrix was involved at the preliminary design stage to offer their input to the Consultant to allow for the detailed design and tender package to be prepared.

Bow Mark subcontracted the mixing and placement of the cellular concrete to Cematrix while using another subcontractor to perform the excavation, drainage blankets and form work.

Cematrix proved to be a quality company from top to bottom who were excellent to work with. Everything including the initial engineering, corporate support, contract management, field management and quality control were of the highest caliber. Cematrix's vast experience on previous projects proved invaluable to Bow Mark and the Consultant who both had no previous experience with this product.

Cematrix's top quality field management and quality control allowed for this project to be completed successfully. Their mixing plant was erected/dismantled quickly and safely and was state of the art allowing for a consistent product with no mixing or materials issues.

We offer our endorsement of Cematrix for similar projects and can say we were completely satisfied with the company throughout this very complex project.



Don Boehk
Project Manager
Bow Mark Paving Ltd.

Asphalt and Concrete Construction