



January 30, 2012

Birmingham Foundations Solutions
600 Ferguson Avenue North
Hamilton, ON
L8L4Z9

Attention: Andrew Weltz, P.Eng, Project Manager

Dear Andrew:

Re: Deep Foundation Work for MTO Contract 2010-2010 Hwy 26 Wasaga Beach/Collingwood

I writing you to express our appreciation of the deep foundation work that your company completed for MTO contract 2010-2010, on Hwy 26 from Wasaga Beach to Collingwood. The original scope of work consisted of construction of H-Pile type foundations with standard Pile caps for two rigid type bridge structures; however during the initial stages it was found that the extremely stiff soil conditions would not accommodate normal H-Pile installation. After several meetings discussions and design proposals involving Birmingham, URS, the MTO and the designer Delcan; a solution to the problem was finally arrived at. The final redesign involved utilizing the H-Piles in combination with a concrete caisson as follows: at each pile location holes were augered with temporary liners; the H-Piles were then set with a few blows and were then encased in concrete.

We would like to emphasize that during the solution finding process Birmingham contributed significantly to several of the ideas put forth, Birmingham's knowledge of both the construction and design variables was both impressive and helpful.

We would also like to note that during the construction phase, Birmingham was able to utilize their expertise to successfully meet the challenges associated with the revised design, including dewatering, successfully removing the temporary liners while maintaining the H-Pile in place and cold weather concreting.

Sincerely,

URS Canada Inc.

Peter Wessinger, P.Eng
Senior Contract Administrator

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