



State of Vermont
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August 26, 2010

Austin Construction, Inc.
1149 Main Street
Concord, VT 05824

Re: **Stockbridge BRF 022-1(20) VT 107, Bridge 9** – MSE Wall Submittal

Dear Mr. Austin:

We have reviewed the revised calculations and plans for the MSE wall that were received via email on 8/19/10. We find this information adequately addresses our concerns conveyed to you in my email to you dated 8/5/10 and have approved these drawings.

The approved drawings are attached for your use and information.

Please note that the nominal bearing capacity based on the new design information for the final condition is acceptable, i.e. post surcharge application. However, the applied factored bearing pressure during surcharging exceeds the factored bearing resistance when using a resistance factor of 0.65. Because the surcharging is temporary and it is the contractor's responsibility to ensure stability of the structure during construction, we felt that it was appropriate for you to be aware of this and discuss this with the MSE wall designer if you feel it is necessary.

If you have any questions, please let me know.

Sincerely,

Christopher P. Williams, P.E.
Project Manager

Attachments

cc: Tom Chase, Resident Engineer
Chris Benda, Geotechnical Engineer
Lauren Yip, Reinforced Earth Co.
CPW

