

March 3, 2016

Scott Fogleman  
Town Manager  
Town of Blowing Rock  
Post Office Box 47  
Blowing Rock, North Carolina 28605

Re: Change Order Consideration  
Downtown Streetscape Phases 5 and 6  
Blowing Rock, North Carolina

Dear Mr. Fogleman:

As you know, Greene Construction, Inc., the contractor for the subject project, has proposed a change to the project scope, and has subsequently requested that an increase in contract amount be approved for that change. The change consists of placing stone and concrete base under the cobble pavers between the sidewalk and curb, in lieu of stone base only. Both methods of construction are acceptable, and provide the same finished product look. The previous four (4) phases of the work along Main Street all used stone base under the pavers, without concrete.

Placing only a stone base allows the pavers to be more easily removed for any construction or maintenance of utilities (electric, water services, etc.) nearby. The disadvantage may be the possibility of settlement of the pavers. While there have been some isolated areas of settlement on the previous sections of work, those have been seldom, with most occurring during the warranty period, and repaired by the contractor. The oldest area along Main Street was installed in 2009, from Martin House south to Chestnut, and has no visible problems.

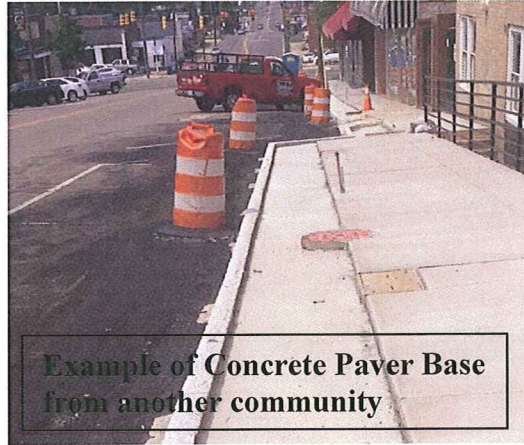


Conversely, the use of concrete as a base for pavers has the exact opposite advantages and disadvantages. The concrete does provide a more stable base for pavers, to reduce the likelihood of settling. However, the concrete base does make access to underground

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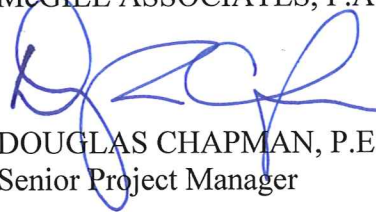
utilities in the area more difficult. Further, placing concrete for the base will provide a cleaner project during construction, yet only during the time between placing concrete sidewalk and paver installation, though this period of time is relatively short.

Greene Construction, Inc. submitted a proposal for this change in work which was reviewed by McGill Associates. Following our comments, a revised proposal was submitted, for a lump sum change order request amount of \$9,593.22. A copy of their proposal is enclosed for your information.



If you have any questions regarding this change order request, please do not hesitate to contact us.

Sincerely,  
McGILL ASSOCIATES, P.A.



DOUGLAS CHAPMAN, P.E.  
Senior Project Manager

Enclosure



## Blowing Rock Downtown Streetscapes Improvements

1036 Main Street; Blowing Rock, NC 28605

### CHANGE ORDER PROPOSAL #1

DATE: 2/29/2016

DESCRIPTION: Add 4" Concrete Paver Base in Lieu of Stone

REFERENCE: N/A

#### (A) Labor

1. N/A

**Sub Total A** \$0.00  
**\$0.00**

#### (B) Materials

1. Materials: Class A concrete

\$5,280.00  
Sub Total \$5,280.00  
Sales Tax 6.75% \$356.40  
**Sub Total B** \$5,636.40

#### (C) Subcontract Work

1. PCM

\$3,500.00  
**Sub Total C** \$3,500.00

#### (D) Rental of Equipment (list separately)

1. N/A

\$0.00  
**Sub Total D** \$0.00

#### (E) Contractor's Overhead and Profit

\$456.82  
**Sub Total E** \$456.82

#### (F) Performance & Payment Bonds

\$0.00 per \$1,000

\$0.00  
**Sub Total F** \$0.00

**TOTAL** **\$9,593.22**

**Note: Time Extension Requested per this change = 0 calendar days**

All cost proposals for change orders shall be based on costs of materials and estimates for labor which are those normal to established by estimating guides generally applicable for the locality of the project.