

MEMORANDUM

To: Ed Evans, Town Manager

From: Douglas Chapman, PE

Date: February 5, 2018

Subject: Blowing Rock – Village Drive Paving Repairs

Village Drive is a Town of Blowing Rock street, that extends a portion of its length adjacent to the parking spaces for the condos along that street. The street, absent of parking spaces was paved in November 2016. Paving of the street created some minor storm water ponding in the parking area, adjacent to the new asphalt. This minor ponding occurred in three (3) locations. The location with the greatest issue was brought to the Town's attention, and repaired in the summer of 2017, at which time the contact from the property owners association indicated that everything that needed to be addressed, had. Subsequently in late 2017, complaints were presented to the Town to address another area on the site.

Upon review of the situation, McGill recommends that the asphalt in the adjacent parking area, where water is standing, be removed and the area resurfaced to provide positive drainage across the new street asphalt. It is anticipated that an area approximately 40' x 20' be removed and replaced to address the northern most area, and an area approximately 30' x 15' be removed and replaced to address the other area. Based on cost estimates prepared by local contractors, we estimate that this work could be accomplished by a contractor for costs of approximately \$4,500 and \$3,000.

Due to the weather during this time of year, and conditions needed for paving operations, this work cannot be accomplished until late March at the earliest. Interim measures until the final repair are limited, but could include placing asphalt tack on the areas and a thin skim coat by Town Staff. This temporary repair would only provide modest improvement, and still require permanent repairs.

If you have any questions please contact me at (828) 328-2024.