

February 22, 2017

Attn: Pomfret Board of Selectmen
Longmeadow Estates Ad Hoc Committee

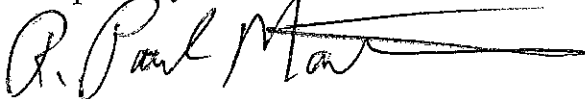
Longmeadow Estates Road Assessment
Submitted by Paul Montenegro, Consultant, Black Mountain Protocols

Post winter assessment: The road is structurally sound with minor local deflections. Also noted minor abrasions on high points of shim coat due to snow plowing which resulted in some popped stone aggregate. Noted partial de-laminations of rubber crack sealant caused during snow plowing. The remaining crack sealant adhered to the crack reservoir walls.

Possible Courses of Action for Longmeadow

- 1.) Full depth reclamation: Not advised because road is structurally sound other than some localized deflections. Will leave PDC incorporated in the break-up mixture including the gravel.
- 2.) Mill and Fill: Not an option because there is insufficient depth of hot-mix. Would result in sub-surface failure. Should have about 6" of mix to ensure structural integrity.
- 3.) Tack and Overlay: Not advised. Not needed because the current road structure is viable. Reflective cracking will propagate at 1"/year, up through the wearing surface.
- 4.) SAM with 2" Overlay: Recommended optional upgrade. Provides the benefits of SAM plus overlay. Cost benefit not as great as SAM alone.
- 5.) SAM Alone: (Stress absorbing membrane) – Recommended. Excellent flexible sealant placed over a structurally sound road surface. Greatly retards reflective cracking and provides a long-lasting wearing surface. (Watch, and when necessary apply overlay)
- 6.) Do nothing for 3 years.

Respectfully submitted,



R. Paul Montenegro
Consultant, Black Mountain Roadwork Protocols