

APPROVED: 7/3/12
DRAFT 6/23/12

CLASS V ROADS STUDY COMMITTEE
MEETING MINUTES
DRAFT
June 18, 2012

Members Present: C. Jay Smith, Fred Stearns, Mike Smith, Frank Bowles, Sue Mackenzie, Morty Bailey.

Jay opened the meeting at 6:00 pm.

1. The meeting was devoted to detailed discussion of the data needed to calculate the actual cost of repairing a 'standard' section of dirt class V road using a combination of geotextile and consolidated 1-1/2" minus crushed stone.
2. 1-1/2" minus weighs roughly 1-1/2 tons and costs \$9.30 per ton at Martin's quarry in Bradford. Assuming 1.5 tons/yard, a yard of 1-1/2" minus = \$14. There was general agreement that Martin's has the best quality product.
3. Town trucks can deliver 8 yards per load. If they are used, the town pays 6% VT sales tax to pickup at Martin's. Fred thought that the town trucks use about 30 gal/day, but does not have a figure for the cost per running hour, with driver, on hand. Martin's truck can deliver 16 yards. Martin's currently charges \$85/hr to deliver 16 yards to the highway garage and would charge probably \$110 to deliver to a work site in Lyme.
4. The delivered cost of 1-1/2 minus is roughly \$14(material) + \$6.90(truck) = \$21 using Martin's 16 yard truck
5. Assuming a road is 24' wide and the stone is 1-1/2 feet deep, a yard of road requires 4 yd³ of stone, for a cost of \$85/lineal yard, including \$1 for geotextile. This cost does not include any culverts or drainage work.
6. The total cost of actually doing the roadwork must include the cost of town personnel, the loader, the grader and should include using a vibratory roller to properly consolidate the stone. We do not currently have costs for this equipment.
7. Morty asked if 1-1/2 minus was the best material and suggested that hardpack might be better as long as it did not contain too many fines. Fred noted that the material he put on Franklin Hill Rd, which came from the Pike quarry, did have a lot of fines and Frank noted that the surface got mushy in the last rainstorm.
8. Minutes of the last meeting were approved.

The meeting adjourned at 7:00 pm. The next meeting will be Tuesday, July 3^d at 6:00 pm.

Respectfully submitted, /s/Frank Bowles