

Town of Pembroke

Roads Committee

311 Pembroke Street, Pembroke, NH 03275

MINUTES

Tuesday, March 2, 2021

Meeting called to order at 6:03 P.M.

1. **Attendance:** Present: Jason Menard, Buddy Curley, Paulette Malo, Vincent Greco, VJ Ranfos, Adam Mendoza, Brian Seaworth
Unavailable: Karen Yeaton

2. Old Business:

- a. Road Paving Bid results
- b. Crack Sealing Bid results

a. The committee reviewed the bid results and GMI was low bid. There was concern over the prices they quoted for the 600 feet of 12" pipe, catch basin with F&G and drain manhole with F&G on GMI's bid. Jason wanted to make sure that there would be no 'Change Orders' with regards to these items. Because their numbers were so much lower, VJ called GMI and was told they would honor their bid prices.

Motion: Paulette made the recommendation for the Board of Selectmen to award the bid to GMI for the paving pending approval at Town Meeting.

Second: Jason

Vote: All in favor

b. The committee reviewed the bid results. They discussed crack seal on Broadway and Pleasant Street which were done in 2017. Paulette expressed concern that the crack seal is letting go, describing it as a failure and future application needs to be addressed. They also mentioned that the ten year plan needs to include the smaller roads. When the program was started, they were not included because they are low traffic roads, but they will be included so that preservation applications can be considered to keep them from falling behind in maintenance.

Motion: Paulette made the recommendation for the Board of Selectmen to award the bid to Sealcoating DBA Indus for crack sealing pending Town Meeting

Second: Brian

Vote: All in favor

3. Any Old Business:

4. New Business:

- a. Pavement Preservation Presentation – Alan Vail, Indus

a. Todd Connors, Regional Manager from Indus and Alan Vail provided a presentation on pavement preservation. The choices include Fog Seal, Crack Seal, Micro Surfacing, Cape Seal and Cold In-place Recycling. They discussed the rising costs of asphalt and that years ago it included chemicals that are no longer used causing the current asphalt to not hold up as long as it used to. Preservation not only lowers the cost per mile but the roads stay in better condition longer. They discussed Equivalent Annual costs, meaning cost /square mile or per square yard, which provided for additional year of life per application. The type of preservation used depends on the condition of the road at the time of application. Crack sealing buys about 2-3 years of life. The chart he was using showed the costs, additional years of life to a road and how the options available to preserve the road affect town costs. He used \$38/square yard over 15 years before a reclaim is needed as an example which is about half the cost. Cost benefits based on several factors like high traffic roads, benefit reconstruction versus preservation. 'Roadresource.org.' is a good site to see the options and make calculations. They explained the different types of application and the additional life expected for the road. Fog Seal gives 2-3 life, crack seal 2-5 years, Micro surfacing is asphalt & stone chips and extends life 6-8 years. Cape Seal 8-10 years and 'Cold In-place Recycling' can add 15-20 years to the road. The committee requested that they be provided a copy of the slide show with the charts showing the advantages of each process and would make it easier to explain to the residents of the town so the cost would be more acceptable. Crack seal should be done before micro surfacing. This application is about 1/2 inch thick and protects the asphalt beneath it. Cold In-place Recycling needs a binder and this process provides overall cost savings.

5. Any New Business:

- a. Allstate will be at the April meeting to do a preservation presentation.

6. Accept Minutes: February 8, 2021

Motion: Paulette

Second: Jason

Vote: All in favor, Brian abstained

7. Adjourn: Motion: Vincent

Seconded: Paulette

Vote: All in favor

Adjourned: 7:10 pm

Next meeting will be April 6, 2021 at 6:00 p.m. at Town Hall