

# *Town of Pembroke*

## *Roads Committee*

311 Pembroke Street, Pembroke, NH 03275

### MINUTES Tuesday, September 1, 2015

Meeting called to order at 6:02 P.M.

- 1. Attendance:** Present: Doc Greco, Buddy Curley, Brian Seaworth, Jason Menard, Paulette Malo, James Boisvert  
Unavailable: Oscar Plourde

**2. Old Business:**

- a. Update on 2015 Roads projects and Kimball Street
- b. Update on Pembroke Hill Project

a. Paulette noted that Kimball was not on the list of roads even though nothing has been done on that road. She wants it put on the list to account for the encumbered money even if we haven't spent anything on it yet. Water Works is still doing their part of the project. Jim thinks they have about three more days. They have had other problems that have slowed their progress. 'Billy' Advanced Excavating and Paving is starting on Tuesday and Water Works is coming back on Tuesday. Jim explained how the trucks will travel so as not to interfere with each other. There will be two companies working in that area. Jim said that where they have worked on Kimball should all be able to be reclaimed. They have not hit any ledge, just shale. Pipes found are clay. Where they found pipes there was an old sewer and new line. We have to put that old sewer to the property line and hook it up to theirs. Matt Allgeyer got a variance to increase the size of the house to be built but it has to be stubbed for drainage. So, Kimball is Tuesday and everything else in on schedule.

b. Mike Vignale was present and said that the Pembroke Hill project was pretty much done, just a few punch list items left to do the most pressing is getting the sidewalks done. Doc asked about the blinking traffic light. Paulette had heard that the controller is missing. Brian said the controller was supposed to be in last week and they were supposed to install it today but the State told him they think they can get it working by the end of this week. He said that because the paving was ahead of schedule the controller had not been ordered to come in. Doc thought the neighbors close to that light must be disturbed by it. The light is to be working during peak hours only and go back to blinking on non-peak hours. The committee discussed that it should be like the other lights on Pembroke Street and stay green until it is tripped by cars coming from the side streets. Flashing sometimes would just be confusing. There have already been two accidents there while it's been flashing. Mike went on to say that there are still a series of things to be done on that project such as resetting mailboxes, They are mostly done but the rest will not be changed until they figure out the Safe Routes to School. A bunch of signs, striping, sidewalks and some cleanup work. Next year they will reset all the manhole covers that were not done properly. The

present thing is getting the sidewalks done. There is a puddle on Elm Street and one on Girard Avenue they will have to fix. Mike talks to the project manager from Merrill's almost daily to keep tabs on their progress. As far as the budget goes, got the last estimate of where they are and what has to be done. Bid price was \$858,102.00 added a couple of change overs for taking a couple of trees down, sewer lines and things like that, we should end up about \$20,000.00 less than that in the end. Considering we had a bunch of changes in the process it went well. Part of the reason for that is fuel and asphalt clause in there which is about \$10,000.00 in the towns favor because the price of gas went down. Other than the punch list the project is pretty much done. Will the punch list be done before winter? Yes, it has to be. If they don't complete it someone else will and we will back charge them. They have a completion date that is still beyond where we are so we have some leverage to force them to get out there. Mike is confident that Merrill will get the punch list done. Safe Routes bids came in, they were huge bids. The paving for \$160.00/ton. Mike thought that the high numbers were due to the time of year it was put out. He felt they threw out high number to see if they would stick or not. Advanced won the low bid if they get the project. Mike had talked to them and they were booked to the end of the year but we will throw the number in. So as it stands, DOT has all the information that they need, Dave will be talking with Nancy Mayville, John Corrigan's boss, to set the meeting but they haven't heard back from them yet. At that point they will see if they will give more money or not or wait until the next winter to bid it again. If they tell us to wait then we have to go back to Merrill and we will have them do a few more clean up things out there. So fortunately we did put that temporary half berm on one side, they will have it slope off a bit, pave a couple of driveways and it will be ready for winter. Mike did not know what DOT would do so we can only wait for an answer. If they don't respond soon we will have to answer ourselves. **b. Pembroke Hill**

**continued:** Merrill is not doing the punch list on time. Jim is upset because of all the calls Public Works is getting. The punch list minor but Pembroke Hill hot top, gravel, trip hazards, at four different spots. Merrill is doing base coat on the road and then he has to do cement tip downs. Paulette said they did a lousy job raising the sewer manholes. She said they are not done right but was told they will fix them next year, because they have to raise them again in 2016. They had to clean all the sewers. A couple of them were properly done the rest are sitting on sand, there is plastic underneath the frame, between the brick and the frame, so there is no seal and there is no mortar between the bricks. Because they have to raise them next year they are trying to make it easier for themselves. So now they are only getting half of what they bid. Jim said all compaction was not there so some covers are higher than others. They are on the punch list to be fixed before November so they don't become an issue for the plow trucks this winter. Jason said Concord had an issue with manhole done incorrectly by Merrill. It was not taken care of before winter and the plow hit it and that not only destroyed the manhole cover but damaged the truck so badly that the city told Merrill they owed them a truck. Jim does not want to sign off on Merrill's latest bill until the punch list is completed. There is a clause that the punch list be done by November. It should take no more than two days to complete the list. Paulette said she told Mike that we are paying 100% for the structures this year and 100% to do them again next year and that's wrong. Either you do them right to get 100% payment or don't pay 100% for the job that has been done. Jim said the job is on schedule because they had three crews working on it because they didn't have that much work. Now they have so much work, he sent two guys to move mailboxes last week because of the complaints we were getting and they showed up without even a shovel to do the job. Hopefully, Mike can get a hold of them tomorrow and get the list done. The trip hazards with kids walking to school now, needs to be taken care of. Merrill told Jim he is having trouble with their cement contractor. Committee said that's not our problem, he could find another. List has about 20 items on it but shouldn't take long. Curbing is

too high by about two inches. Poles are finally done (removal). Paulette told the engineer that the manhole covers were unacceptable and provided him with pictures. She did it in an email to the engineer, and Jim and David Jodoin. Merrill's response to Paulette regarding the manholes is we are coming back next year, we will do them right then. The engineer has been really good at being in touch with the contactor. When the Broadway project was done, Jim checked the manhole covers by putting a plow on a truck (in September) and going over the covers. Those that were not right were fixed then. These current covers are so bad that he doesn't need to put a plow on, he can see that they will catch a plow. There are eight (8) this time plus bricks. Topic back to next years' roads. Jim asked if the Roads Committee was going to meet with the Board of Selectmen to see what roads they were going to do next year. Now that you have a feeling of how much Upper Beacon is going to cost or do you let that go another year. Committee said no to letting it go another year. We need to make a proposal but not until the second meeting of October. If it is on first thing, Paulette would be able to present the proposal otherwise it interferes with another meeting. They also said that doing Beacon Hill in sections would not be good. If we are not spending 100% of this years' funds, encumber some and we might have enough for the Upper Beacon project.

### 3. Any Old Business:

### 4. New Business:

#### a. Preliminary Plan from KV Partners (Upper Beacon, Eastview & East Meadow)

a. Mike brought the plans showing Fourth Range Road, Third Range Road, Lower Beacon, Upper Beacon. It's about 4,000 feet overall. The survey shows the R.O.W. lines, looks like the road will shift within the town right-of-way but we may need some easements. Borings showed typically 2" of paving, this end of the road is in horrible condition. The worst spot is up in the top part most of the pavement is gone, it's all patched and is all broken up. Additional borings in that area found that there is silty sand and wet materials 2 ½ to 3' feet down is wet. It's clay in that area. The thought of reclaiming this would not work. The material is really bad. So this is a complete replacement of the road. They all looked over the survey maps that Mike brought and discussed radius changes as suggestions but open for questions. As far as drainage goes the culvert on the top would have to be replaced. A larger one is suggested because of flooding in the past. The size of a culvert from 24' to 36" raised the question of DES involvement but Mike said there are no wetlands in that area. The rest of the road has a few cross pipes diverting the flow from one side of the road to the other which makes sense to Mike. There is room for any extra flow to go. Sizes of culverts all the way down were discussed and further analysis would have to be done to determine which would be most appropriate. Some of the properties are lower than the road so berm(s) would be a good idea to head any flow back to the swale. Top area is the only place Mike recommends under drains because of the wet area. So, the conceptual estimate on this project is broken down into two areas, the first at about \$200,000.00 and the other section at about \$455,000.00. A closed catch basin would add about \$50.00 per foot so at about 4,000 feet that adds about \$160,000.00 - \$200,000.00 addition to what is listed on his estimate. Mike does not recommend that but just gave the figure as something to consider. You don't have roadside swales, which are good to have, but you have to put in underdrains pretty much the whole way. He recommends the roadside swales rather than of a closed system. He recommends roadside swales both sides, open drainage, to get water across the road in pipes deep enough. Paulette wanted to know if Mike was counting the driveway pipes. He said that

they should all be replaced and that is included in his estimate. His next step is to draw up preliminary plans if the Roads Committee is ok with what has been presented here. Once the preliminary plans are done, he can sit down with the Committee again to discuss in more detail, pipe sizes and replacements. Paulette wanted to know if there would be issues with cleaning ditches in the future that is why they were leaning toward closed drainage. Mike said the current ditches are kind of steep. They need to be more gradual to maintain. Problems with homeowners is that they are filling them in. Jim said that that is not really a problem on that road. It's the easements that run through back yards that owners are filling in, such as Donna Drive and Deerpath Lane. Further discussion of types of drainage was continued. The swales shown on his plan shows 18" deep and not too steep which avoids erosion of the sides. The wet area at the top may need additional drainage because of the clay. The boxing to cut the road will be standard at about 2 feet in depth. Discussion continued on the drainage issues and choices. The question of when they planned on starting this project was brought up. Paulette said if Jim had his way it would be this year. Jim said it would have been five (5) years ago. Jim would like Mike to come to the Roads Committee one more time and then the \$600,000.00 less \$300,000.00, which leaves an actually \$300,000.00 for roads next year. Jim has CIP, the Board of Selectmen will have to make a final determination of what funds will be for the roads. They all agree that putting on a thin coat this year would not hold for more than the winter. Piece-mealing roads never works out well. Next: East Meadow Lane and East View Drive off of Dudley Hill Road. It's a residential neighborhood built in about 1969. Has a 24 foot wide road, cannot put swales in there because the driveways are too close within the neighborhood. The existing drainage system in all overgrown because of 30 years of no one looking at it. Mike opened up one pipe, it was full of junk and he could not see daylight at the other end. Better off redoing catch basins and swales and abandon the existing one. Reclaiming recommended with catch basins, culvert updates. No real grade changes needed. The estimated cost for 1500 feet is \$291,000.00+/- . This project would need pipe work and catch basins. Easements might be needed for the catch basins on homeowners land and/or it may be the land owner's responsibility to keep up. No easements were used back in 1969, agreements were done with a handshake. This is no longer a possibility. The only complaints from residents has been the condition of the road, not any drainage issues. Mike needs to check with the surveyor regarding the position of the road. There may be a question as to if it is centered in the town right-of-way. Summary of plans: Mike will take these conceptual plans and make a real set of plans out of them and get the pipe sizes all squared away. Two will have to go to DES for an alteration of terrain so he can do the drainage calculation and get that package ready. That won't be done until after the committee has a chance to review the preliminary plans. Jim asked if the committee was in favor of the open ditching. There were mixed responses from the members. Concern is that DES and EPA are both going to keep getting more stringent on their rules. Buddy understands the cost factor but the rules make it nearly impossible for clean drainage. Jim expressed concern that the committee direct Mike which way he should go in his plans regarding closed or open drainage. Discussion continued about drainage and who's responsible for where it comes from and where it ends up, whether it is a State issue or Town's. The committee suggested open drainage for this neighborhood. He should have the plans ready for the October 6<sup>th</sup> meeting to review again.

**5. Any New Business:**

**6. Accept Minutes:**

- a. August 4, 2015

**Motion:** Paulette Malo motioned to accept the minutes as written

**Seconded:** Doc Greco

**Vote:** All in favor

Next meeting October 6, 2015

7. Adjourn: 7:27 pm

**Motion:** Doc motioned to adjourn

**Seconded:** Paulette

**Vote:** All in favor