

## **HIGHWAY**

**Roads:** Paved last year the lower end of West St., Front St., Royalston Road North, Murdock Ave., and Otter River Road.

**Potholes:** Repairs done in the last 12 months

- Cold patch 396.52 tons at 139/ton for \$55,044.00.
- Hot top 668 tons at 61/ton for \$40,748.00
- This is 793,040 lb of cold patch and 1,336,000 lbs of hot top.
- We had 142 work orders for complaints

**Roads:** I don't know at this point if I will get Chapter 90 money that I requested from the state, but have not yet received a response. They are not working apparently. But if I do? I need to put out a bid for the next 3-year contract, where bids are open in a public setting. I'm not sure how that will work.

Here are several options:

1. We pave River Street from Tannery Hill Bridge to Front and Spring Street to the river edge. That road has the highest volume of traffic and I feel it is going to fall apart very fast. It already had the crack sealer done 3 years ago. There is about 14000+ cars and trucks on it as of 2017. I'm sure it is more like 20,000 now.
2. Do back roads by the list of worse:
  - PCI 30 Momomonac Avenue – all overlay \$100,000 or rebuild \$234,876
  - PCI 43 Kemp – all overlay \$30,000 or rebuild \$85,000
  - PCI 43 Hale, from River to Main – all overlay \$50,000 or rebuild \$100,000
  - PCI 47 Brown – overlay \$160,000 or rebuild \$300,000

### **Major Projects:**

- Build Grout Park approx. 300 man hours with back hoe loader graders
- West St. 4' culvert was replaced with new guard rail installed after
- Happy Hollow Road: 3 new 40' long 3'round pipes. We had to get the ok from ConCom and divert the river for 2 days
- Ingleside Park: We built a 300+ ft. road and also had guard rails installed there. We had to dig out hundreds of yards of loam and brought in clean processed gravel and topped it with road grindings we trucked in from Rte. 202 Project.
- Tree Removal: Many dead trees all over town on our right of ways. We did a tree inventory of all trees on the town right of way. The insurance company has been requesting that.
- Replaced sidewalks on Grove and Lincoln Street. We now have 10 years to fix them all, mandated by state and feds. I put in a request for \$200,000 from Robinson Broadhurst

**Basins:** Between us and R.O.W construction company, we rebuilt approx. 50 basins and drain manholes with many more to go, at least 50 more.

**Sweeping:** We sweep all the inner town with a sweeper and all the back roads with a backhoe sweeper. MS4 mandates us in the future to do all areas at least twice a year, and school parking lots.

**Basin Cleaning:** Cleaning was 600 out of the over 900 we have per year hired out.

**Crosswalk:** Painting done along with stop sign lines and parking lines once a year.

**Ball Field Cleaning:** Repair ball field from Chili Cook-Off and all the little brook crossings all over town with many more to go.

**Roadside Rubbish:** Almost every week we are picking up rubbish, TVs, stoves, fridges, trash bags.

**MS4:** is now in it. First year. Was mostly data collection. Tighe & Bond and Highway Dept. had to go out and find all the culvert outlets in the designated area that the EPA and state set up.

**Winter: Storms** – We had to go out 56 times for plowing and/or treating the roads. The large storm cost us \$48,094. It was a two-day 27" storm. Over all, the winter was more ice storms than snow. We used 1862 tons of sand and 2882 tons of salt, but we have 600 tons of salt in the shed for next year which is \$33,660. We overspent the snow and ice budget by a little under \$10,000. We had two major accidents occur: #1 One-ton truck hit a telephone pole on Russell Farm Road. The road was very slippery and he didn't make the corner. The truck was totaled. \$15,000 #2 A large truck hit a manhole on Hapgood Road and the plow came up and hit the fender and ripped the manhole out of the ground. \$7,500

#### **TRANSFER STATION:**

- We now have Charles George Company because the company we had went up on their prices again on recycling.
- We could not afford the cost so I had three companies quote and we have a lock-in 3/year contract with a 3% increase per year and a 2/year extension if both parties agree.
- We have had two inspections by the state with minor things to fix. We took in cans of hazardous waste when we weren't looking. They were left at the paint shed.

#### **WATER:**

- The Water Dept. is very busy. We read meters four times a year. We flush water pipes and hydrants twice a year. We have changed 86 meters this year. We have appointments every day for final reads, repairs and complaints.
- Large water projects were:
  - Power wash and paint the High Street tank.
  - Installed tap at each tank to now test water in the tank every month per DEP.
  - Replace 15 more hydrants last summer.
  - They had to test for lead and copper this year, which, because we have never tested a high level, we only have to test every three years. The test site including all the schools.
  - They installed a water main to feed Grout Park on Glenn Allen and an underground manhole to house the control for the sprinkler system.
  - They also removed all the piping to an old water tank on Hospital Hill Road so a company could remove a tank that was unsafe and unused for over 35 years.
  - The Water Dept. has one more underground tank to remove this summer at High Street. They do approx. 100 Dig Safe for National Grid contractors and the state a year.
  - They also have to check all lift stations, water control pump stations every day, year round 365. They rotate on call every other week, year round.
  - The Town of Winchendon has 12 water meters on hydrants year round to keep water clear on dead end lines at approx. 5 gal/per minute each.
  - The town has had 7 water main breaks and 3 service breaks that we repaired.
  - They also have to do backflow inspections twice a year, approx. 50 in residential and business.
  - The water in town has won awards as recent as 2018 for quality.

**SEWER:** The Water Dept. is also in charge of the sewer station and sewer lines in town. They clean sewer lines with a jetter when plugged and repair when breaks occur.

### **SEWER TREATMENT:** Plant Veolia

The first full year of operation for them has been very successful. They have cleaned and painted most of the walls and floor - Set up a conference room - Rebuilt two of our largest pumps which were very close to failing - They stopped using \$50,000 worth of water in the plant and now use recycled water which is what plant was designed for - They have turned on air control motors in the main tank which lower the amount of chemicals we need to meet our standards operating limits - They have replaced outside lights with LEDs. All in all, the plant is running well and more efficiently. Also, it was less money to run than if we had done it.

**I & I WORK:** I & I work this year will be to take the High St. area and have a company camera the line and maybe a smoke test that is the worse area of town for flows on a rainy day.

### **CEMETERY:**

- Cemetery Dept. has two full-time employees to do all the burials (30-40 a year).
- They have a new park to take care of and over 5 miles of bike path.
- They have 2 part-time helpers in the summer.
- They now cut 110 acres of grass. The weed whacking alone in the summer takes 4 workers a week.
- They now also have a dog station to take care of.
- Three cemeteries, four parks, plus now also Ingleside.
- In the winter after plowing a road route, they plow and salt approx. 16 miles of sidewalk and bike path.

**WHITNEY POND DAM:** Tighe & Bond has been working to come up with a repair plan to take the dam from poor to fair condition so we would only have to have it inspected every two years instead of every 6 at a cost of \$2200. We received money from the state to start work on this dam. We are getting close. The only problem with all of the work we had to do is National Grid holding up the permit process with permission to go on their land.

**BRIDGE:** Robbins Road Bridge is at the state reviewing the plans. With any luck it may start next spring to be replaced.

**STREET LIGHTS:** Street lights went from about 250 to over 500 and the bill is now \$20,000 a year after the bond payment is paid. We will save about \$38,000 a year and have doubled the street lights. Some problems have occurred. We have had about 50 go out and I'm going to be working with the company who sold them and installed them to see if I can recoup some of the repair cost.