

SUNAPEE BOARD OF SELECTMEN  
6:30PM Town Meeting Room  
Monday, June 5, 2017

Present: Josh Trow, Chairman, Suzanne Gottling, Vice Chairman, John Augustine, Fred Gallup and Donna Nashawaty, Town Manager.

Absent: Shane Hastings

Chairman Trow opened the meeting at 6:30PM

Scott Hazelton detailed the sequence of events that occurred pertaining to the storm event of Wednesday May 31, 2017, which includes an outline of the proposed future repairs to the roadways and associated infrastructure that was damaged.

**Wednesday May 31, 2017**

- 7:00PM – 8PM: Sunapee Heights, and the immediate area of approximately ½ mile wide, received anywhere from 3.5" to 6" of rain, preceded by 1" +/- of hail in higher elevations.
- 7:00PM – 1:30AM (Thursday morning): Sunapee Highway Department responds to numerous washed out roadways, culverts, and driveways.
  - ❖ Emergency and warning signs were deployed, residential driveways were stabilized for temporary access, and additional erosion control measures were implemented to prevent additional damage to the Town's infrastructure where possible.
  - ❖ Sediment and large rocks removed from roadways with Town's fleet of equipment.
  - ❖ Initial damage assessment completed of Town roads, drainage culverts, drainage ditches and driveways.
  - ❖ Strategic plan to begin repairing damage discussed with Foreman.

**Thursday June 1, 2017**

- 6:00AM – 5:30PM: Sunapee Highway Department continues storm cleanup, and begins reconstructing Ryder Corner northbound lane.
- Contacted Town of New London and Town of Newbury for mutual aid assistance.
- Meeting with Donna Nashawaty in the morning during her inspection of the damaged roads. Emergency meeting with Board of Selectmen scheduled, assistance with signs, message boards and stop lights secured, New & Announcements e-mailed to all recipients.
- Strategic plan developed to reconstruct 1,800 linear feet of washouts on Ryder Corner Road, 3,000 linear feet of washouts on North Road, and 1,600 linear feet of washouts on Perkins Pond Road and other roads that received damage.
  - ❖ Ryder Corner Road washouts, drainage culverts, and underdrain system to be repaired by Highway Department staff, Water & Sewer Department staff, and assisted by Mark Uskos.
  - ❖ North Road drainage ditches and washouts to be repaired with assistance from Kevin Barton and Water & Sewer Department staff.
  - ❖ Perkins Pond Road washouts to be repaired by Ted Gallup Excavating.

- ❖ Beech Street and Trow Hill shoulder damage to be stabilized by Prospect Hill Excavating with assistance from Highway Garage staff to prevent undermining of new pavement with impending rain.

### **Friday June 2, 2017**

- 6:00AM - 5:00PM: Sunapee Highway Department and a Water & Sewer staff member continue storm cleanup, reconstruct the base course of gravels for approximately 500 linear feet of Ryder Corner Road northbound lane, and begin repairing washouts in Sunapee Heights and on Sargent Road.
- 7:00AM - 4:30PM: Kevin Barton and a Water & Sewer staff member reconstruct the base course of gravels for the washouts on North Road, beginning north of NHEC's substation and ending at Sargent Road.
- Structural evaluation of Sargent Road open bottom, stone abutment, bridge discussed with Donna. Engineer to conduct evaluation during the week of June 5<sup>th</sup>.

### **Saturday June 3, 2017**

- 6:00AM - 1:00PM: Sunapee Highway Department and a Water & Sewer staff member continue storm cleanup, assist Mark Usko with reconstructing the base course of gravels for approximately 500 additional linear feet of Ryder Corner Road northbound lane, and completes a light grading of Sunapee Heights.
- 7:00AM - 4:30PM: Kevin Barton and a Water & Sewer staff member continue reconstruct the base course of gravels for the washouts on North Road, beginning at Sargent Road and ending at approximately Sunapee Heights.

### **Monday June 5, 2017**

- 6:00AM – 4:30:M: Sunapee Highway Department and a Water & Sewer staff member continue storm cleanup, reconstruct the base course of gravels for approximately 500 additional linear feet of Ryder Corner Road northbound lane.
- 7:00AM - 4:30PM: Kevin Barton and a Water & Sewer staff member reconstruct the base course of gravels for the washouts on North Road, beginning at Sargent Road and ending at approximately Sunapee Heights, and begin working on the washouts on the southbound side.
- 7:00AM – 4:30PM: Ted Gallup Excavating reconstructs the base course of gravels for the washed-out areas on Perkins Pond Road.
- 7:00AM – 4:30PM: Prospect Hill Excavating stabilizes the shoulders and reshapes the drainage ditches on Beech Street, and stabilizes the shoulder at the bottom of Trow Hill near the intersection of Route 11.

Scott Hazelton reviewed a memo dated June 2<sup>nd</sup> that was sent to the Board. The memo listed a worst case scenario on the estimated costs to repair the roads. This estimate does not include roads and individual drainage components that received only minor impacts.

**NORTH ROAD ESTIMATE (Beginning at Bishops Landing and ending at Ryder Corner Road)**

1. Excavate and remove washed out gravel and failed pavement, and place and compact new crushed ledge material in the washed-out areas.

- a. Excavator & Operator - 40 Hours x \$100/hour = \$4,000
- b. Skid Steere w/roller & Operator – 40 Hours x \$100/hour = \$4,000
- c. Tri-axle Truck & Operator – 40 Hours x \$100/hour = \$4,000

Subtotal = \$12,000

2. Aggregate Materials

- a. 3” Dense Graded Aggregate – 4,000 Ton x \$16.45/ton = \$65,800
- b. 1 ½” Hardpak – 1,000 Ton x \$14.35/ton = \$14,350
- c. ¾” Hardpak – 200 Ton x \$14.35/ton = \$2,870

Subtotal = \$83,020

3. Drainage Materials

- a. 48” HDPE Culvert Pipe – 40 Linear Feet x \$43.26/ft = \$1,730
- b. 15” HDPE Culvert Pipe – 100 Linear Feet x \$6.57/ft = \$657

Subtotal = \$2,387

4. Paving

- a. Full Depth Pavement Patch – 500 Tons asphalt in place x \$150/ton = \$75,000
- b. Shoulder Stone – 100 Ton x \$14.35/ton = \$1,435

Subtotal = \$16,435

5. 1” Overlay Option – 500 Ton x \$61.30/ton = \$30,650

Total Estimated Cost to Repair North Road = \$173,455 (Excludes 1” Overlay Option)

RYDER CORNER ROAD ESTIMATE– Beginning at the top of the steep hill, approximately 300-linear feet north of North Road, and ending at the intersection of Piney Point Road

1. Excavate and remove washed out gravel and failed pavement, and place and compact new crushed ledge material in the washed-out areas.

- a. Excavator & Operator - 80 Hours x \$135/hour = \$10,800
- b. Skid Steere & Operator (Sewer Department Labor) – 80 Hours x \$30/hour = \$2,400

Subtotal = \$13,200

2. Aggregate Materials

- a. 3” Dense Graded Aggregate – 4,900 Ton x \$16.45/ton = \$80,605
- b. 1 ½” Hardpak – 1,225 Ton x \$14.35/ton = \$17,578.75
- c. ¾” Hardpak – 300 Ton x \$14.35/ton = \$4,305

Subtotal = \$102,488.75

3. Drainage Materials

- a. 4” underdrain – 1,800 linear feet x \$1.88/LF = \$3,384
- b. ¾” Washed Stone – 480 Ton x \$18.85/ton = \$9,048
- c. 15” HDPE Culvert Pipe – 60 LF x \$6.57/LF = \$394.20
- d. 18” HDPE Culvert Pipe – 60 LF x 10.21/LF = \$612.60

Subtotal = \$13,438.80

4. Paving

- a. Full Depth Pavement Patch – 450 Tons asphalt in place x \$150/ton = \$67,500
- b. Shoulder Stone – 60 Ton x \$14.35/ton = \$861

Subtotal = \$68,361

5. 1” Overlay Option – 301 Ton x \$61.30/ton = \$18,451.30

Total Estimated Cost to Repair Ryder Corner Road = \$197,488.55 (Excludes 1” Overlay Option)

PERKINS POND ROAD ESTIMATE – Beginning at the steep hill that is approximately 325-foot north of North Road, and ending at the Perkins Pond Road boat launch.

1. Excavate and remove washed out gravel and failed pavement, and to fill and compact new crushed ledge material in the washed out areas.

- a. Excavator & Operator - 40 Hours x \$135/hour = \$10,800
- b. Reversible Plate Compactor 40 Hours = \$440
- c. Tri-axle Truck & Operator – 40 Hours x \$90/hour = \$3,600

Subtotal = \$14,880

2. Aggregate Materials for Road Base

- a. 3” Dense Graded Aggregate – 3,400 Ton x \$16.45/ton = \$55,930
- b. 1 ½” Hardpak – 850 Ton x \$14.35/ton = \$12,197.50
- c. ¾” Hardpak – 100 Ton x \$14.35/ton = \$1,435

Subtotal = \$69,562.50

3. Drainage Materials

- a. 4” underdrain – 1,600 linear feet x \$1.88/LF = \$3,008
- b. ¾” Washed Stone – 430 Ton x \$18.85/ton = \$8,105.50
- c. 15” HDPE Culvert Pipe – 60 LF x \$6.57/LF = \$394.20
- d. 18” HDPE Culvert Pipe – 60 LF x \$10.21/LF = \$612.60
- e. 24” HDPE Culvert Pipe – 60 LF x \$15.33/LF = \$919.80

Subtotal = \$13,040.10

4. Paving

- a. Full Depth Pavement Patch – 450 Tons asphalt in place x \$150/ton = \$67,500
- b. Shoulder Stone – 50 Ton x \$14.35/ton = \$717.50

Subtotal = \$68,217.50

5. 1” Overlay Option – 270 Ton x \$61.30/ton = \$16,551

Total Estimated Cost to Repair Ryder Corner Road = \$165,700.10 (Excludes 1” Overlay Option)

TOTAL ESTIMATED COST TO REPAIR

ALL THREE IMPACTED ROADS: \$536,643.65

TOTAL OF 1” OVERLAY OPTION: \$65,652.30

Scott Hazelton said that because this was a localized event it does not qualify for FEMA money. Donna Nashawaty stated on the morning of June 1<sup>st</sup> she opened an incident report with the Office of Homeland Security. This incident report generated a call to all the towns in Sullivan County to see if they sustained any damages. There was no major damage, which meant this event did not qualify for FEMA. Donna Nashawaty did want to publicly thank the Office of Homeland Security for all their help in securing extra signs, cones and the traffic control lights that were put on North Road. Donna Nashawaty gave examples of events in other towns that did not qualify for FEMA, so they had to use money from their fund balance. Selectman Augustine asked if the estimates could be spread over time. The single number large was a little daunting. Is it \$300,000 over 6 months versa \$300,000 over eighteen months, which feels a little more digestible. What is the ideal timeline versa the possible timeline for the four steps for each road. Scott Hazelton replied that the roads must be put back together. When you're looking at the steps, item number one and two are immediate or right now. If the Town were to get another storm and the drainage wasn't in you would risk more damage. The Highway Department will be working on the drainage during the months of June and July. Scott Hazelton gave some options on the paving. Selectman Gallup asked about removing the remaining asphalt and leaving the roads gravel. Scott Hazelton said that was an option and he's in complete support of that. He could get a cost of grinding the roads and letting them sit for the winter. Selectman Gallup isn't quite sure how the Town is paying for this work. He is not a fan of raiding the Fund Balance. His first question is what are we giving up this year? What else is scheduled for this year that can be cut out? Selectman Gallup would like to feel that the Town keeps its budget very tight. The Fund Balance is one of the things that keeps the Town from borrowing money in anticipation of taxes. In addition, it gives the Town the opportunity to reapply money back towards the tax rate. Selectman Gallup stated that if the Town can't pull this off by putting off projects, then he thinks the town is looking at a Special Town Meeting with an article asking the voters for permission to spend more money than we have to fix this. Selectman Gottling thinks that part of the reason you have Fund Balance is for emergencies like this. Selectman Gottling supports taking what the Town needs and asking the State to let the Town apply some of the Fund Balance to fix this situation. Scott Hazelton had a discussion with the Town Manager about different line items in his budget that could be put towards these repairs. Donna Nashawaty went over the process of using Fund Balance. After some more discussion, Chairman Trow asked what they were looking to establish, were you looking to fill the Board in or do you want input tonight. Scott Hazelton replied that the plan for tonight was to bring the Board up to speed and tell them what needs to be done to get the roads at least up to grade and passable. He stated that his budget can cover the expenses up until now, but is going to stop until he gets a handle on exactly where he's at as far as his money goes and how much more he can do moving forward. Chairman Trow asked if it was feasible that at next Monday's meeting the Board could have rough ideas about the options available to them. The Board will continue this discussion at the Monday, June 12<sup>th</sup> meeting. Scott Hazelton wanted to publicly thank the Water and Sewer Department, the Towns of New London and Newbury, the various local contractors and his staff. Everyone worked together as a great team. Donna Nashawaty will put Scott Hazelton on the next week's BOS agenda at 7:00PM.

**Meeting adjourned at 8:10PM**  
**Submitted by,**  
**Barbara Vaughn**  
**Administrative Assistant**

**Approved:** \_\_\_\_\_

---

**Joshua Trow, Chairman      Suzanne H. Gottling, Vice Chairman**

---

**John Augustine                  Frederick Gallup**

---

**Shane Hastings**