



TOWN OF MILTON, VERMONT 05468

Department of Public Works:
Admin, Buildings and Grounds, Highway Operations, Water and Wastewater

To: Milton Select Board

From: David K. Allerton, P.E., Director of Public Works

CC: Don Turner, Town Manager

Re: Milton DPW Update, The Year 2018 in Review – December 17, 2018

Below is an update on DPW accomplishments and activities in 2018.

DPW Highway Division

1. Purchase of New Equipment

- a. Bobcat - \$53,357
- b. ¾ -Ton Pickup Truck - \$56,800
- c. One-Ton Dump Truck - \$60,000
- d. Road Side Mower - \$52,750
- e. Seven-Yard Single Axle Truck - \$144,678
- f. Loader - \$99,944
- g. Grader - \$259,944
- h. Excavator - \$115,900
- i. Sidewalk Tractor - \$149,700

Total Expenditure on New Equipment - \$993,073

2. Work Completed

- a. 8,000-feet of roadside tree and brush removal
- b. 11.6 miles of gravel shoulder
- c. 41 catch basins cleaned
- d. 674-feet of storm pipe jetted and cleaned
- e. 5-catch basins repaired
- f. 2,522 feet of ditching improvements
- g. 5,500-feet of grader berm and berm under guardrail removed
- h. 11 culverts repaired
- i. 263-feet of storm pipe replaced
- j. 120-feet of culvert jetted and cleaned
- k. North Road culvert repaired. (This was not a simple project.)
- l. Repaired pavement issues at two locations on Red Clover Way.
- m. Used new Hot Asphalt Box for temporary pavement repair on Bear Trap Road

- n. Swept and washed Bear Trap Road Bridge
- o. The Highway Garage is now an official licensed State Inspection Station for inspecting our own equipment.
- p. Snow plowing, roadside mowing, vehicle maintenance, shop repairs, responding to resident concerns, general daily duties, etc.
- q. Revised the 2018 Winter Operations Guideline.

DPW Water/Wastewater Division

- 1. New Vehicles Purchased
 - a. 2018 Chevrolet Silverado Pickup Truck
 - b. 2018 Chevrolet Equinox (traded assets with Director's Pickup Truck)
- 2. Work Completed
 - a. Replaced SCADA System in the wastewater treatment facility
 - b. Replaced generator at water plant
 - c. Rebuilt centrifuge
 - d. Replaced level sensors in the sludge holding tanks
 - e. Replaced UV disinfection bulbs and sleeves
 - f. Replaced dissolved oxygen probes
 - g. Replaced pump in the Maplewood Pump Station
 - h. Cleaned SHT No. 2
 - i. Rebuilt two pumps in the Catamount Pump Station and cleaned the holding tank
 - j. Cleaned the Route 7 Pump Station holding tank
 - k. Rebuilt the Oglewood and Flanders pressure reducing valves
 - l. Investigated and repaired leaks
 - m. Assisted MHPs with issues and leaks
 - n. Assisted the Flanders Development with many water issues
 - o. Replaced and/or rebuilt fire hydrants
 - p. Constantly repairing and replacing meters
 - q. Submitted the Phosphorous Optimization/Reduction Plan and Emergency Power Plan to the Agency of Natural Resources
 - r. General maintenance on the W/WW systems
- 3. Water/Wastewater Division Team was awarded the Environmental Protection Agency Operation and Maintenance Program Excellence Award

DPW Administrative Division

- 1. Grants Applied for and Awarded
 - a. Better Roads Grant – Cadreact Road - \$20,000
 - b. Better Roads Grant – McMullen Road - \$18,360
 - c. Ecosystem Restoration Grant/Stormwater Master Plan - \$21,000
 - d. Grants-in-Aid – Beebe Hill Road – \$21,000
 - e. Transportation Alternatives Grant – New Vac-Truck - \$300,000

- f. VTrans Structures Grant – East Road Bridge No. 6 - \$175,000
- g. CCRPC Grant - Phase I Environmental Site Assessments for Two Properties for the Hourglass Project - \$8,800
- h. CCRPC Grant - Phase I Environmental Site Assessment for the Grange - \$2,700
- i. VTrans Bicycle & Pedestrian Grant - Cherry Street Project - \$28,000 additional funding to complete the project

Total Grants - \$594,860

2. Projects Moving Forward

- a. Hourglass Project
- b. Route 7 Gap Project
- c. Route 7 Streetscape Project
- d. East Road Bridge No. 5 Replacement
- e. East Road Bridge No. 6 Replacement
- f. Cherry Street Sidewalk Project
- g. Stormwater Master Plan
- h. Initiating a new DPW highway garage working group
- i. Public Works Specifications
- j. Lake Road Water Main Replacement Project
- k. Railroad Street Water Main Replacement and New Pressure Sustaining Valve, Combined with a New Pressure Sustaining Valve on River Street
- l. Flanders Water Main Replacement and Wastewater Evaluation Project
- m. Paving. Currently have design plans for approximately \$1.5M worth of paving.
- n. Replaced guardrails on Mars Hollow Road, Bear Trap Road Bridge, Lake Road Bridge No. 8, East Road Bridge No. 5, and at the Duffy Road/Mars Hollow Road intersection due to an accident.
- o. High Risk Rural Road VTrans Project. VTrans will be replacing signs on West Milton Road, Bear Trap Road, Herrick Avenue, and Bradley Street. This is 100% a VTrans project.

3. Upcoming Projects and Continuing Work

- a. Paving. Working on a long-term paving plan for the Town.
- b. Munson Hill slope and road repair
- c. Lake Road culvert replacement
- d. Rolling Irish Road culvert replacement
- e. Duffy Road culvert replacement
- f. Eagle Mountain Harbor Road stormwater issues
- g. Repair Vermont Joint on Bear Trap Road Bridge
- h. Guardrails. Need to continue to repair/replace failed guardrails.
- i. Culverts, stormwater infrastructure, and ditching. Continuing this work as part of the MS4 permit, with annual reporting.
- j. Continuing with Highway Access Permits and Excess Weight Permits

- k. WWTF septage acceptance system.
- l. Water Plant roof, soffits and siding.
- m. Consolidating High and High-High water systems in the Water Plant
- n. Updating the Town's Health and Safety Plan
- o. Updating Town infrastructure in GIS format: W/WW, storm drains, culverts, bridges, roads, outlets/discharges, signs, etc.

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