


County of Saratoga
Board of Supervisors

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PRESTON ALLEN, Chair
Public Works Committee

To: The Honorable Board of Supervisors

From: Preston Allen, Chairman

Date: December 2016

Subject: 2016 D.P.W. End of Year Report

This report offers an overview of the accomplishments of this Committee and the Public Works Department over the past 12 months. The Public Works Committee and Department take pride in the following projects that have been completed this year:

Highway Projects:

- 20.87 miles of County-owned highway was reconstructed. Reconstruction work included, but was not limited to, such tasks as; reconstructing the drainage system, roadside ditches, road-base, asphalt pavement and resurfacing. Supplementary tasks include upgrading traffic signage and guiderail, as well as installing new shoulder fill and new roadway striping. County roads that were reconstructed or received a significant amount of maintenance include; County Roads; 5, 7, 29, 31, 45, 52, 57, 58, 67, 75, 88, 96 & 109.

Bridge/Culvert Projects:

- Completed the superstructure replacement of Lake Desolation Road (CR 12) over the Kayaderosseras Creek, BIN 3304550, LIN 121.00 in the Town of Greenfield.
- Rehabilitated the culvert carrying Old Mill Road (Town Road) over the Glowegee Creek, BIN 2202700, in the Town of Galway.
- Replaced the bridge carrying Barkersville Road (CR 16) bridge over a tributary of the Glowegee Creek, LIN 369.10, in the Town of Galway.
- Progressed the design for the rehabilitation the bridge carrying the Zim Smith Trail over US Route 9, BIN 7005610, in the Town of Clifton Park.

Other Highway Projects:

- Repairs/modifications were made to the Saratoga County Jail loading dock.
- Made repairs to the Saratoga County Building #2 block wall at the DPW Main Complex.
- Replaced two (2) overhead garage doors located at the Public Works Main Facility including Building # 3 and the Truck Wash Building.
- Progressed the replacement of the “Mack Shack” building located at the DPW Main Facility, which was destroyed by fire in 2015.
- Removed original pump house located at the DPW Main Facility.
- Reconstructed and restriped the parking lot at Building #5.
- Installed numerous bird deterrents throughout the main D.P.W. Garage.
- Rebuilt and replaced several failing drywells along County Road 27 (Bluebird Road) in the Town of Moreau.
- Parking lots located at the Saratoga County Judges Building #3, South and North parking lots at the Woodlawn Building in Saratoga Springs were sealed and restriped.
- The back-up generator fuel tank was replaced at the DPW Main Facility.

Engineering Projects:

- Our engineering staff continues to examine and study traffic issues as requested by towns or county residents. These requests may be as simple as for the installation of a traffic sign or be as complex as a request for a traffic signal.
- Comprehensive inspection of twenty nine (29) county owned culverts were completed by our engineering staff.
- Our engineering staff also played a key role in providing technical guidance and assistance to the maintenance and construction crews.
- In addition, engineering consultants progressed the engineering of the following culvert projects:
 - Replacement of the culvert carrying County Road 57 (Goode Street) over the Mourning Kill Creek, LIN 103.00, in the Town of Ballston.
 - Rehabilitation of the culvert carrying Sand Lake Road (Town Road) over the Sand Creek, BIN 3304180, in the Town of Edinburg.

Maintenance Projects:

- Our Public Works Department completed various maintenance projects as necessary. Maintenance projects are typically scheduled and completed based upon their priority level. Some of the projects completed are as follows:
 - As part of the ongoing maintenance of the county highway system; crack sealing is performed on an annual basis as a proactive approach to extending the useful life of our county roads. The following county roads were crack sealed; a section of County Road 4 (North Shore Road) and County Road 10 (West Mountain Road) and County Road 24 (Spier Falls Road) and County Road 25 (North Greenfield Road) and all of County Road 40 (Wall Street), a portion of County Road 63 (Malta Ave. Extension) and finally all of County Road 68 (Stafford's Bridge and Cramer Road).
 - The entire 360-mile county highway system was restriped, consisting of centerline and edge lines. Additionally, we striped nearly 342 miles of centerline and 440 miles of edge line for several municipalities within the County.
 - Guiderail was upgraded/repared and installed at several locations within the County Highway System.
 - Thirty seven (37) +/- culverts at various locations throughout the county were cleared of overgrown vegetation in preparation for 2017 inspections.
 - Vegetation and trees were cleared at various locations within the County Highway Right-of-way.
 - More than 2,800 bags of roadside trash were collected along the 365 miles County Highway.
 - Roadside mowing of 365 centerline miles of County Highway.
 - Snow/Ice control on 365 center line miles of County Highway including the additional 5+ miles of Luther Forest Tech Campus roads transferred to us from the Town of Malta in December 2015.

Adopt-A-Roadside:

- The Saratoga County Adopt-A-Roadside Program continues to play an important role in keeping our roads clean. In 2016, sixty-one (61) community groups remain listed as active. Our inventory of adopted County Highways is almost ninety one (91) miles. Public Works provides orange garbage bags and safety vests to all participants. In addition, we coordinated the pick-up, recycling, and disposal of all material collected in these efforts throughout the year.

Recycling

- In 2015, the County converted its five recycling centers from multi-stream (sorted) recycling to single stream recycling. The management of four of the five centers was accepted by their respective municipalities. The Town of Milton Recycling Center continues to be managed by Saratoga County. We also contracted with a private waste hauler to transport and dispose of the single stream recycling and scrap metals resulting in significant cost reductions to the County. 2016 saw a continuation of the same plan. In addition, through an RFP process, another contract with the same private waste hauler was established for 2017 – 2018.

Machinery:

- The Public Works Department continued to maintain and repair the fleet of approximately 283 vehicles assigned to Public Works, Sheriff, Sewer Department and twelve (12) other County Departments. In addition, approximately 120 pieces of large heavy construction equipment in the Public Works Department were also maintained.

Special thanks is offered to the Public Works Department Staff for completing the many tasks and to the Committee and Board Members for providing direction, support and the financial resources necessary to ensure that our County Highway infrastructure and operations meet the needs of Saratoga County Residents for the future. We look forward to another successful year in 2017.

2016 Public Works Committee:

Preston Allen– Chair
Dick Lucia – Vice Chair
Phil Barrett
Peter Martin
Bill Peck
Tim Szczepaniak
Tom Wood