

2015 ANNUAL REPORT

Department: Highway

Department Head: David Hartman

Departmental Employees: 27

Department Mission: The Yates County Highway Department is responsible for the construction, maintenance and repair of the County transportation system that includes 181 miles of roads and 40 bridges. The Department accomplishes its mission through various capital improvement, maintenance and repair projects and bridge maintenance, repair or replacement projects. The Department also provides snow and ice control services as needed.

January - March

Plow trucks were out 24 days in January, 25 days in February and 15 days in March for snow events. Crews worked on various vehicle and building maintenance activities and portable sign maintenance and repair projects in Benton. New signs were also made in the sign shop. As weather permitted crews were able to complete some tree trimming on several roads. Much of the time in January through March was spent on snow and ice operations and snow removal from ditches to accommodate melting snow and water run-off once temperatures warmed up. The pipe crew started work on Dunton Rd. culvert pipe replacements in mid-March. One frozen culvert pipe running across Hammond Rd. at the Voak Rd. intersection had to be unfrozen using a steam jenny to allow for thawed snow water to pass through the pipe instead of creating icing conditions on Voak Rd. Various aggregate materials bids were received, opened and awarded to bidders.

April - June

Roads were swept clean of winter sand and debris in early April and crews went right to work preparing the roads and ditches that will be getting re-habilitated and re-paved this year. Snow fencing was removed from various locations and hydro seeding was done on exposed slopes and ditches along County House Rd., Hobson Rd., Lakemont-Himrod Rd. and Dunton Rd. Villager Construction cold milled 1.3 miles on Lakemont-Himrod Rd. between Dundee-Lakemont and Dundee-Starkey Roads Rd. on May 11th. Villager also cold milled Hobson Rd. (1.1 miles), Italy-Friend Rd. (2.0 miles) and Dunton Rd. (2.08 mi.). Hanson Aggregates followed up with hot mix asphalt paving on the same roads beginning on May 26th and completed those roads on June 11th. Vestal Asphalt did crack sealing operations on various roads including Earls Hill, Havens Corners, Pre-Emption and Lovejoy between May 5th and 12th. Also in May, Highway forces assisted Sheriff Spike in preparing and improving the Shay Rd. radio tower site access road and crane staging area in advance of moving the communications and generator building from the Parish Rd. site to the Shay Rd. site. A 20' x 12' concrete foundation slab was formed and placed for the building to sit on. Wilcox Crane Service from Naples, NY lifted the building at the Parish site after all electrical and communications connections were terminated, loaded it onto Schuyler County's lowboy trailer and the building was transported up to the Shay site where Wilcox re-set, picked the building and set it onto the new concrete slab. Tom Brady Electric Service performed all electrical disconnect and re-connect work for the Sheriff. On June 14th a significant rain storm hit the area and there was widespread shoulder, driveway and culvert washout damage on several roads including Guyanoga, E Sherman Hollow, Italy Valley, Italy Turnpike, Italy Hill, Rock Stream, Himrod, Dundee-Himrod and Bath Roads. Crews spent the rest of June and into early July repairing the damage. Hanson Aggregates paved Anthony Rd. on June 29th and 30th.

July - September

From mid-July through the end of the month crews installed and compacted shoulders on the capital improvement projects (Lakemont-Himrod, Hobson and Dunton Roads) using the millings from those roads. Driveway approaches along those roads were also adjusted to meet the new pavements. Streambed cleanup and re-alignment was done in the Big Gully stream downstream of the County House Road Bridge per the design guidelines and parameters issued by the NYSDEC. Yates County Soil & Water Conservation District personnel were extremely helpful and essential in acquiring the necessary permits from NYSDEC. Grader patching with hot mix asphalt began on Lakemont-Himrod road in late July. Vestal Asphalt surface treated several roads between August 12th and 14th including North Main St., Travis and Bath Roads. The pipe crew replaced a large pipe on Italy Hill Rd. between Wetmore Road and the Steuben County line in mid-August then returned to East Lake Rd. to continue replacing pipes for the capital improvement project scheduled for 2016. Grader patch crew did some patching on Bath Rd. south between the Barrington Town Hall and Goodwin Hill Rd. and on West Lake Rd. in a few spots. Low shoulders were infilled along Bath Rd. where grader patching had been done and other locations as needed. Hydro-seeding was also completed on various roads where there were exposed slopes and earthwork. Lane striping was completed on all roads using the Tri-County owned striping truck. Highway Maintenance Supervisor Lance Yonge resigned his title effective on September 30th to take a job with the Town of Milo.

October – December

Charles Bishop (previously a Working Supervisor) was promoted to the Highway Maintenance Supervisor position and started those duties on October 1st. Pipe crew continued pipe changes on East Lake Rd. and low shoulder infills were completed on Bath Rd. in early October. Miscellaneous maintenance projects were completed including some ditch cleaning, gravel removal from near the Plum Point Bridge, driveways installed/repared and roadside mowing. Pipe crossings on East Lake Rd. were repaired and then grader patched.

EQUIPMENT

Vehicles/Equipment Purchased

2015 Ford Explorer for \$28,571

2015 John Deere Tractor with side/rear mowers for \$95,866

Vehicles/Equipment Sold by Auctions International, Inc.

1999 Ford F-150 pickup for \$1,451

1996 New Holland Mowing Tractor and mowers for \$7,700

Total sales revenue = \$9,151

ROAD WORK – CAPITAL

CR#1s Lakemont-Himrod Road (1.3 mi.): Villager Construction, Inc. cold milled 17,672 square yards of pavement from CR#42, Dundee-Lakemont Rd. to NY Rte. 14 in mid-May at a cost of \$18,732. Hanson Aggregates placed Hot-Mix Asphalt as follows: 3,456 tons of Type 3 binder at a 4” depth and 1,594 tons of Type 6F top at a 1.5” depth. Paving was started on May 26th and completed on May 28th at a cost of \$317,330 (\$244,100/mile). Shoulders, signs and hydro-seeding were done by YCHD forces and lane striping was done by the Tri-County striping truck.

CR#48 Hobson Road (1.1 mi.): Villager Construction, Inc. cold milled 15,231 square yards of pavement from CR#42, Dundee-Lakemont Rd. to NY Rte. 14 in mid-May at a cost of \$18,732. Hanson Aggregates placed Hot-Mix Asphalt as follows: 3,074 tons of Type 3 binder at a 4” depth and 1,217 tons of Type 6F top at a 1.5” depth. Paving was started on May 29th and completed on June 2nd at a cost of \$259,150 (\$235,591/mile). Shoulders, signs and hydro-seeding were done by YCHD forces and lane striping was done by the Tri-County striping truck.

CR#35 Italy-Friend Road (2.0 mi.): Villager Construction, Inc. cold milled 26,890 square yards of pavement from CR#42, Dundee-Lakemont Rd. to NY Rte. 14 in mid-May at a cost of \$29,579.. Hanson Aggregates placed Hot-Mix Asphalt as follows: 5,279 tons of Type 3 binder at a 4” depth and 2,105 tons of Type 6F top at a 1.5” depth. Paving was started on June 3rd and completed on June 15th at a cost of \$448,474 (\$224,237/mile). Shoulders, signs and hydro-seeding were done by YCHD forces and lane striping was done by the Tri-County striping truck.

CR#12 Dunton Road (2.1 mi.): Villager Construction, Inc. cold 27,882 square yards of pavement from CR#42, Dundee-Lakemont Rd. to NY Rte. 14 in mid-May at a cost of \$29,834. Hanson Aggregates placed Hot-Mix Asphalt as follows: 5,622 tons of Type 3 binder at a 4” depth and 2,255 tons of Type 6F top at a 1.5” depth. Paving was started on June 8th and completed on June 12th at a cost of \$462,984 (\$220,469/mile). Shoulders, signs and hydro-seeding were done by YCHD forces and lane striping was done by the Tri-County striping truck.

CR#3, Anthony Road (2.0 mi.): Hanson Aggregates, Inc. placed a 1.5” hot mix asphalt wearing course overlay on the entire length of Anthony Rd. A total of 2,339 tons of type 6fF top was used and placed at a cost of \$147,926. County forces installed new shoulders and lane striping was done by the Tri-County striping truck.

A total of 24,692 tons of hot-mix asphalt was used for the 4 capital improvement projects. An additional 2,339 tons of hot-mix asphalt maintenance overlay paving was completed on Anthony Rd

ROAD WORK – MAINTENANCE

Crack Sealing

Crack sealing was done by Vestal Asphalt on several roads this year including Earls Hill, Havens Corners, East Sherman Hollow, Lovejoy and Pre-Emption at a cost of \$80,521.

Surface Treatments (oil/stone)

Surface treating was completed on three roads by Vestal Asphalt using RS-2 oil and #1A stone on June 23 and 24, 2014. At a cost of \$84,848 which includes the oil, chipper and roller rental fees. The roads that were coated are Bath Rd between Rte. 54 and Sisson Rd., Travis Rd and North Main St.

CR#2, Ferguson Corners Rd. (2.73 mi.) from NYSR 14A to Ontario Co. line at a cost of 36,781 (\$13,473/mi.) for the oil, chipper and roller rental.

Traffic control signs were replaced and maintained as required on various roads.

Various maintenance projects including ditch cleaning, shoulder repairs, mowing roadsides and grader patching were completed on various roads.

BRIDGES & CULVERTS

Vine Valley Rd Bridge (Town of Middlesex) – Design work by C&S Engineers was completed, all Right-of-Way incidental and acquisition work was completed and the project was bid out on October1, 2015. There were five bidders and the winning bid was from Economy Paving, Inc. of Cortland in the amount of \$558,558.58. The project will be done in 2016 and due to environmental stream restrictions no work in the stream can begin before June 1, 2016.

CR34, Italy Turnpike – C.P Ward, Inc. of Rochester with a bid of \$652,450 completed its work on the project in the spring and throughout the summer establishment of vegetation growth on the steep slopes was achieved.

West Avenue Bridge (Town of Italy) – A Red Flag issued by NYSDOT upon follow-up inspection from 2014 when a Yellow Flag was issued prompted Yates County to seek design services for compiling a report to provide options on how to address the Red Flag. Hunt Engineers was hired to do the report and the best long term value was determined to be a superstructure replacement project. Final design work was also completed in 2015 and the project will be bid out and built in 2016.

MISCELLANEOUS

MVA fatalities on County Roads – There were no fatalities on county owned/maintained roads in 2015.

There were 63 dead deer carcasses removed from County roads.

Drug & Alcohol testing: Sixteen (16) random tests were conducted on-site at the Highway Department offices by HealthWorks lab personnel with twelve (12) being for substance and four (4) for alcohol. Results of all tests were negative. There were also three (3) pre-employment drug screening tests done with results being negative.

TORREY LANDFILL: Grass was mowed twice per the landfill closure manual guidelines.

Submitted by: David Hartman, Highway Superintendent