

YATES COUNTY HIGHWAY DEPARTMENT 2006 ANNUAL REPORT



CR#2, Ferguson Corners Road, west of CR#4 intersection



CR#29, Guyanoga Road multi-plate arch pipe near Branchport School

January-March

The year started with above average temperatures across the northeast and very little snow throughout January. Heavy rain on January 15th caused several minor flooding problems and shoulder/driveway washouts. Crews worked at the Penn Yan Marine facility salvaging some scrap iron. A small fire broke out at one of the buildings from cutting torch sparks on January 24th and the Penn Yan Fire Department responded and quickly extinguished the fire. Crews took advantage of the mild weather in January and February and continued pipe, tree and brush removal and ditch cleaning work on Guyanoga Rd. An extremely high-wind event on Friday, February 17th caused many trees, power lines and traffic control signs to come down throughout the County. Crews were busy all day responding to the various problem areas. Several roads were temporarily closed until NYS Electric & Gas crews could respond to power lines down and tangled up with trees that had fallen across the roads. Central Ave., Pre-Emption, Ridge, Earls Hill and Guyanoga Roads were all closed until NYSEG could respond to remove wires from the road. All roads were re-opened by Saturday evening. Several crews continued sign restoration and tree clean-up duties upon returning to work in the weeks that followed.

April-June

Capital improvement pre-paving preparation work was completed on CR#19, North Main St. including under-drain installation, shoulder boxout and repairs, ditch and concrete gutter cleaning and the replacement of a deep, 36" culvert pipe. Capital improvement pre-paving preparation work was also completed on CR#29, Guyanoga Rd. including installation of a multi-plate arch pipe near the Branchport school property. Crews also completed miscellaneous patch and repair work prior to slurry sealing CR#44 (Glenora), and surface treating CR#26 (City Hill) and CR#31 (Friend) using #1A stone (19-20 lbs./sy) and HFMS-2ST oil (0.35 gal/sy). North Main St. was paved June 12th. The pipe crew installed new cross-culverts on CR#2 (Ferguson Cors.) and hydroseeding of ditches and back slopes on CR#19 and CR#29 was completed.

July-September

Cold milling of pavement on CR#29, Guyanoga Rd. was done in early July and all millings were hauled to the Guyanoga pit for future use. A.L Blades began hot mix asphalt paving on CR#29 on 7/26/06 and completed the work in early August. A total of 22,335 tons were placed at a cost of \$1,061,527 (\$157,031/mile). Shoulders were installed by YC Highway forces on CR#29 using the crushed millings and striping was completed by M& S Striping. The pipe crew replaced some culverts on CR#42, Dundee-Lakemont Rd. Several building maintenance projects were completed in Benton Center on the salt dome and the mixed material storage buildings. Repairs included miscellaneous carpentry work at the entrance to the salt storage dome and roof repairs to both salt storage buildings along with painting the gable ends of the mixed material barn.

October-December

Crews moved to CR#2, Ferguson Corners Rd. and worked on improving the sight and stopping distances just west of CR#4 near Tomion Rd. where a large hump in the road between CR#4 and Tomion Rd. was cut down a couple of feet, gravel base material was re-installed and hot mix asphalt binder material was placed by A.L. Blades. All material excavated from the hump was placed on-site west of Tomion Rd. to fill in along the slopes on the north & south sides of the road where there used to be guiderail. All exposed areas were hydro-seeded and shoulders along the entire length of CR#2 were cut. Shoulders were paved along CR#2, Ferguson Corners Rd. and other miscellaneous maintenance projects were completed in October. In November and December, crews worked on CR#4 pipe changes, CR#42 earthwork and various maintenance projects on several roads. The weather in November and December was very mild and snow removal costs were minimal as trucks were only sent out six times in December.

PERSONNEL

The permanent work force:	Superintendent	1
	Deputy Superintendent	1
	Highway Maintenance Foreman	1
	Administrative Assistant	1
	Sr. Account Clerk Typist	1
	Working Supervisors	4
	Automotive Mechanic Supervisor	1
	Sr. Automotive Mechanic	1
	Automotive Mechanic	2
	Sign Maintenance Workers	2
	HEO	7
	<u>MEO/L</u>	<u>7</u>
	Total Employees	29

- Temporary summer employees included five laborers. Three of the five were done by the 3rd week in August (returned to college) and the two mowers remained until early October.
- Linden Ames (MEO/L) retired after 32 years of service. The open position was filled by a temporary summer worker that had been working at the Highway Dept. for several summers, Dustin Fox.

EQUIPMENT

Purchased

2006 John Deere 624J wheel loader (traded in a 2005 model 624J even-up)
2006 International tandem axle truck for \$117,461
2006 one-ton dual wheeled truck for \$25,552
2006 Volvo EC240B Track Excavator for \$173,712
2007 Chevy ½ ton pickup truck for \$23,097 (Highway Supt.)
2006 Ford Expedition for \$29,317(Deputy Supt.)
Total Purchases = \$369,139

Equipment Sold

1991 Ford S9M tandem axle dump truck (#53) for \$16,000
1999 Ford Explorer (Car #1) for \$3,600
2000 Ford Explorer (Car #2) for \$2,800
Total Net Sales after commission: \$21,160

BUILDINGS & GROUNDS

The Public Works Committee authorized an environmental audit of the highway facilities in Benton. Requests for Proposals were sent out and Barton & Loguidice, PC submitted the low bid. B&L completed their on-site audit in early November.

Several maintenance and repair activities were performed on the various buildings in Benton including roofing repairs on the salt dome and mixed material barn and painting the gable ends of the mixed material barn.

ROAD WORK – CAPITAL

- CR#29 Guyanoga Road (6.76 mi. Branchport to NYSR 364): Cold-milling (3.5” deep) of pavement was done by Penn Can Asphalt Materials, Inc. (Midland Asphalt) in late June. Millings were hauled to Guyanoga gravel pit for later use as shoulder material. A.L. Blades & Sons placed a 1.5” Type 6F **Hot-Mix Asphalt** top course (7,241 tons) over a 4” deep Type 3 HMA base course (15,094 tons) at a total cost of \$1,061,557. Oil escalation price increases accounted for \$214,853 of the total paving cost. Shoulders, signs and hydro-seeding were done by YCHD forces and lane striping was done by M & S Striping. Total job cost including all prep work done in 2005 was \$1,963,620 (\$290,476 per C/L mile).
- CR#19, North Main St. (0.60 mi., NYSR 14A to Village of Penn Yan line): County forces worked on shoulder repairs and under-drain installation in several locations in May to prepare for the paving project. A deep culvert pipe was discovered to be in poor condition and needed to be replaced. The road was closed for a week and the pipe was replaced and backfilled. Hanson Aggregates placed a 1.5” Type 6F **Hot-Mix Asphalt** top course over a Type 6F true & leveling course. The total tonnage was 1,326 at a total cost of \$66,958. Oil escalation price increases accounted for \$8,607 of the total cost. Shoulders, signs and hydro-seeding were done by YCHD forces and lane striping was done by M & S Striping. Total job cost was \$176,231.
- The average per mile cost of \$292,097 for the two projects listed above was 31.7% higher than the average per mile cost of \$221,722 for the Earls Hill, Bellona Station and E. Sherman Hollow Rd. projects in 2005.
- Capital improvement mileage decreased by 22% from 9.0 miles in 2005 to 7.36 miles in 2006. The increase in the average per mile costs and the corresponding decrease in mileage completed was due mainly to significantly higher asphalt prices which limited the amount of work that was able to be completed given available 2006 budget resources.
- A total of 23,661 tons of hot-mix asphalt was used for the two capital improvement projects.

ROAD WORK – MAINTENANCE

- Crack sealing was done on various roads as needed in June. Roads that were sealed included Lovejoy, Central Ave., parts of Ridge and Himrod.
- Surface treating was done on City Hill Rd. for \$31,477 (\$10,354/mile) and Friend Rd. for \$54,467 (\$10,495/mile). Glenora Rd. was slurry sealed for \$54,571 (\$16,948/mile).
- 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.
- Yates County Highway Dept. contracted with the NY State Dept. of Transportation to mow roadside shoulders and ditches. The department received approximately \$3,800 in net revenue from the State.

BRIDGES & CULVERTS

- Coleman Rd. Bridge (federal aid project) final design work was completed and submitted to the NYSDOT for approval and phase authorization to seek bids. Bids were sought and five firms submitted bids. Silverline Construction of Burdett, NY was the low bidder at \$538,649. Contract was awarded to Silverline in August but no work was started in 2006. Construction will be completed in 2007.
- A couple of unscheduled culvert replacement projects were completed due to unforeseen pipe failures or immediate drainage needs. These projects included a pipe on CR#5, Dundee-Himrod Rd. south of Shannon Corners Rd. at and one on CR#27, Voak Rd north of Havens Corners Rd.

MISCELLANEOUS

- There were 89 dead deer carcasses removed from County roads
- Landfill: Grass was mowed twice per the landfill closure manual guidelines.
- Drug & Alcohol testing: Sixteen (16) random tests were conducted by Soldiers & Sailors Memorial Hospital lab personnel with 13 being for substance and 3 for alcohol. Results of all tests were negative.
- There were no fatal Motor Vehicle Accidents that occurred on County Roads.