

GREENE COUNTY HIGHWAY DEPARTMENT & SOLID WASTE



Upper Mill
Hollow Bridge
Town of Jewett.

2013

ANNUAL REPORT

Gary R. Harvey L.S.
Superintendent

Robert Van Valkenburg
Deputy Superintendent



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2013 Annual Report

Greene County Legislature
411 Main Street
Catskill, NY 12414

Dear Legislators:

Greene County Highway Department

240 West Main Street
Post Office Box 485
Catskill, New York 12414

Gary R. Harvey, L.S.
Superintendent

Robert J. Van Valkenburg
Deputy Superintendent

I am pleased to present the Greene County Highway Department Annual Report for the year of 2013.

Again, the entire highway department, including the highway crews, mechanics, supervisors, administrative staff and the engineering division have done an excellent job handling our departmental activities, numerous demands and capital projects.

During 2013 we were able to complete our last large projects from the devastating effects of Hurricane Irene, including the replacement of the Bush Road Bridge in Lexington, and the Upper Mill Hollow Road Bridge in Jewett, and the retaining wall along County Route 2 in Prattsville. The Highway Department is responsible for 136 bridges, and 262.5 centerline miles of roadway. We were able to replace one bridge and rehabilitate another bridge, using our Miscellaneous Bridge Program. We were also able to address the needs of approximately 19 miles of roadway with asphalt paving, hot in place recycling, and chip sealing. Details of these projects are included in this report.

Currently, 14% of our bridges are considered “deficient”, which is well below the state average of 32%. The term “deficient” does not mean that it is unsafe, rather that the bridge is not functioning as it was originally designed.

Regarding pavement condition, currently 38% (100 miles of roadway is now rated fair or worse, with distress frequent or severe. This is just below the state average for local roads.) Given the current cost of doing business, it is becoming increasingly more difficult to attain our annual pavement management goals.

Once again, we were able to take full advantage of the CHIPS (Consolidated Highway Improvement Program) Program by utilizing the maximum funds allocated for Greene County, which included an increase of \$280,789 this year, for a total of \$1,701,728.

During 2012 we were also working on nine (9) federal and state funded (HBR) capital projects, with 5 in the construction phase and the others in the design phase. The total estimated cost of these capital projects is approximately \$12.9 million, of which 80% is reimbursed by the federal government and 15% by the State of New York, with the local share being 5%.

Regarding snow and ice control, this year’s budget allowed us to once again maintain a balance between abrasives (sand) and chemicals (salt) that has



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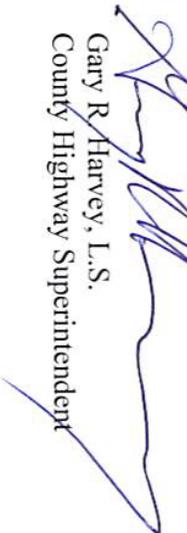
greene.gov.com/highway

resulted in better driving conditions for traveling public. Adjustments are continually being made regarding sand and salt application rates, depending on weather, type of pavement, terrain, and traffic volume, helping us meet the increased expectations for snow and ice control services and the additional traffic on our local roads.

The increasing age of our fleet is a continuing concern. Purchases of large equipment are very expensive and our focus this year has been on repair or restoration work that can reasonably extend the service life of existing units, especially dedicated snow plows and heavy trucks. Along this line, we are planning replacement of several dump bodies on tandem trucks that are otherwise in good condition, allowing us to further leverage the funds available. We replaced two Foreman's pickups and a crew cab pickup this year and will be replacing several additional light vehicles that are beyond reasonable repair in 2014. We also continue planning for replacement of several major pieces under the accumulating equipment reserve in future years.

2013 was another busy and productive year for the Greene County Highway Department. The following report gives details of the many projects, both large and small that were completed throughout the year. These are challenging times, with the increased demands for service and escalating costs of doing our work. We look forward to working with you to fulfill our commitment of providing a reliable, safe, and well-maintained transportation system. Once again, I would like to thank the Highway Committee, chaired by Jim Hitchcock, and you the Legislature, for your continued support. Without it our accomplishments would not be possible.

Respectfully Submitted,



Gary R. Harvey, L.S.
County Highway Superintendent



Greene County Legislature
411 Main Street
Catskill, NY 12414

Dear Legislators:

In 2013, Greene County's Solid Waste Management Program again operated at a record volume despite the difficult economic conditions. County Waste, the largest private hauler operating in the county, as well as several smaller haulers continued to utilize Catskill Transfer for disposal of Municipal Solid Waste (MSW) at our High Volume rate. We held our seventh annual Household Hazardous Waste Collection in June, and operated under the final year of a three year contract amendment with New England Waste Services. In June, we began the lengthy process required to secure a new contract for Transportation and Disposal.

The total tonnage of MSW and Construction and Demolition Debris (C&D) processed through the transfer station system increased slightly to 50,122 tons as compared with 50,014 tons last year and 38,579 in 2011. We continued to operate under a permit modification for Catskill Transfer Station that increased the permitted daily tonnage to 223 tons per day approved by NYSDEC in August of 2011.

This total includes 38,212 tons of waste accepted under the high volume tipping fee, compared to 39,076 tons last year. Before 2012 we had handled C&D separately and shipped it to a different landfill at a lower cost. With the reduction in MSW cost under the contract extension and the increased MSW volume this no longer made economic sense and the two waste streams were combined for handling and disposal. While economic conditions continued to limit construction and the amount of C&D generated in the county, regular MSW and C&D accepted for disposal increased 9.8% to 11,910 tons compared with 10,938 tons last year.

2013 was the final year of the three year contract extension for transportation and disposal with New England Waste Services. In the second quarter we began the lengthy process of securing a new contract under NY General Municipal Law 120-W, preparing and issuing a Request for Proposals for a new contract for transportation and disposal. After evaluating each of the five Proposals received, the two offering the lowest costs, County Waste (CW) and New England Waste Services (NEWS) were selected for negotiations. A team including County Administrator Shaun Groden, Office Manager Amy Block and myself held meetings with both NEWS and CW, thoroughly discussing their proposals as well as ways to create additional value or cost savings for Greene County. Based on these detailed discussions, both respondents modified their proposals, decreasing costs and adding several items that made the proposals more attractive. Ultimately, based primarily on the significant differences in final Transportation and Disposal costs and the impact of these costs on our ability to continue to attract high volume waste into our transfer station system, we determined that NEWS provided the proposal that would be most advantageous for the county and our Solid Waste Management program.

**Greene County
Solid Waste**

240 West Main Street
PO Box 485
Catskill, New York 12414

Robert J. Van Valkenburg
Superintendent



A new three year contract was drafted, approved and implemented on January 1, 2014.

With the new transportation and disposal agreement settled, we opened discussions with CW in order to achieve a long term disposal agreement in order to maintain the current volume of High Volume waste delivered to our Transfer Station. At the end of the year we had reached a verbal agreement on the terms of a new three year disposal agreement that will provide a consistent flow of High Volume waste into our system that will stabilize our volume and increase our annual revenue.

The regular tipping fee for scaled waste at our transfer stations remained at \$105.00 per ton and the minimum scale charge at \$15.00. Fees for bagged waste and other items were also unchanged. Collection of receivables continued to require substantial attention due to economic conditions. We continued assistance to the Towns of Greenville and Halcott, allowing acceptance of bagged waste at the town's recycling sites and provided services for cleanup days for most of the county's towns and villages. We supplied roll off containers and disposal services to several local municipalities in order to reduce the cost for removal of unsafe structures, which often comes back to Greene County in the form of unpaid taxes. We also continued to support operations of Public Health's Needle Smart initiative, collecting an increasing amount of used sharps from kiosks and transporting them to nursing homes for proper disposal.

Recycling markets and prices can be volatile and fluctuate regularly with the demand for each commodity. We continued to seek the best price available for each material, both through efforts of staff and use of a recyclables broker. We continued to combine all of the different types of paper we accept into a single stream reducing handling costs and continue to look at the economic feasibility of expanding this concept to other recyclables. We also continued recycling of electronics at no charge. We saw a significant potential cost increase for recycling of glass from Cathode Ray Tubes (CRT's) in older TVs and computer monitors but were able to mitigate it through a change in recycling contractors and we continue to receive small revenue for the electronic waste we accept for recycling.

Staffing levels were unchanged in 2013. Our employees continued doing an outstanding job of handling the increased workload throughout the year. Many worked well beyond expectations to get the work done keeping pace with the increased tonnage and loading a record number of trailers this year. While the age of our vehicle and equipment fleet remains a concern, no vehicles or equipment were replaced in 2013 due to financial concerns. This difficulty has been partially offset by several major repairs and overhauls completed in house by our Heavy Equipment Repairman. We continued to utilize a significant number of Community Service workers provided by Social Services and the Probation Department at each transfer station. The current

Collective Bargaining Agreement with the Teamsters expired on December 31, 2012 and negotiations for a successor agreement were ongoing throughout the year.

In June, we held our seventh Household Hazardous Waste Collection at the Highway Department facility at Athens and for the first time a satellite collection in Halcott. Public participation in this program remained strong. In excess of two tractor-trailer loads of household hazardous waste were collected and properly disposed of by the contractor, MXI Environmental. Solid Waste, Highway, and Sheriff's Departments each provided personnel and equipment for the event. The cost for the event was within budget at \$34,063.44 and is eligible for a 50% reimbursement under the NYS Household Hazardous Waste Assistance Program.

Our department faced considerable challenges this year, in our efforts to provide a full service solid waste management program, including appropriate management of difficult wastes and some recyclables that have little or even a negative value. Each of our employees has willingly done whatever was required to get the job done, often in spite of personal inconveniences. We recognize and are grateful for their hard work. We also acknowledge and appreciate the continuing support of the Public Works Committee chaired by Legislator Jim Hitchcock, the full Legislature, County Administrator, and other County Departments, in our efforts to continue to provide for the efficient and environmentally sound management of solid waste in Greene County.

As always, please feel free to contact me with any questions.

Respectfully submitted,



Robert J. Van Valkenburg
Solid Waste Superintendent



Mission Statement

***THE GREENE COUNTY HIGHWAY DEPARTMENT EXISTS TO
EFFECTIVELY MAINTAIN AND IMPROVE THE HIGHWAY
AND BRIDGE INFRASTRUCTURE OF GREENE COUNTY, FOR
THE EFFICIENT AND SAFE USE OF THE TRAVELING PUBLIC.***

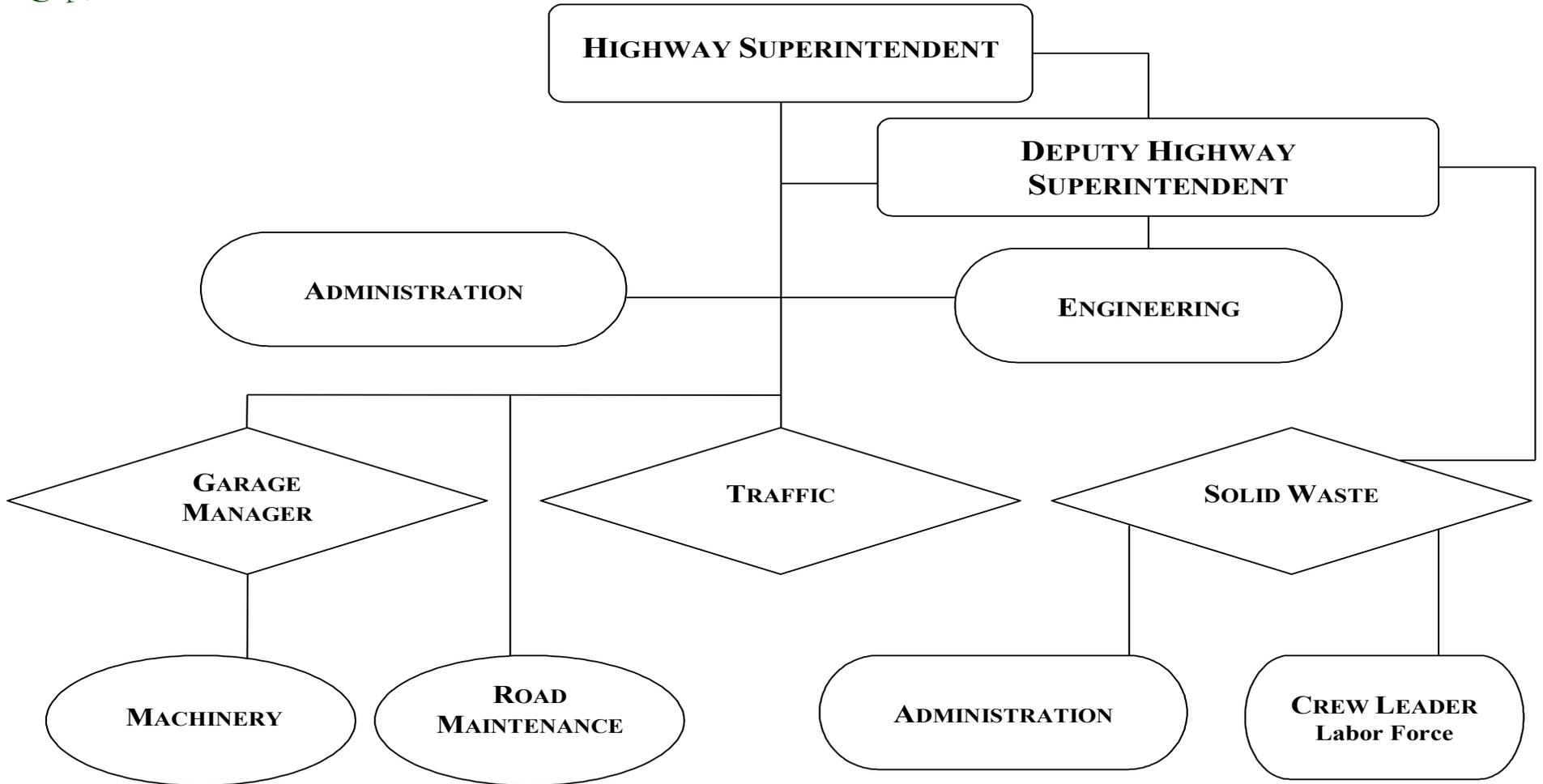


Mission Statement

THE MISSION OF THE GREENE COUNTY SOLID WASTE DEPARTMENT IS TO ACCEPT AND EFFICIENTLY DISPOSE OF THE MUNICIPAL SOLID WASTE STREAM, INCLUDING CONSTRUCTION AND DEMOLITION DEBRIS, AND TO PROCESS AND MARKET THE SOURCE SEPARATED RECYCLABLES GENERATED BY THE COUNTY'S RESIDENTS AND BUSINESSES.



Organizational Chart





Classification of Highways

Highways in New York State are divided in five classes under Chapter 25 of the Consolidated Laws.

1. **State Highways** are those constructed or improved under this Chapter at the sole expense of the State, including the highways specified and described in Sections 340 and 341 of this Chapter and acts amendatory thereof, including the highway heretofore classified or referred to as County Highways in this Chapter and heretofore constructed or improved at the joint expense of State, County and Town or State and County as heretofore provided by Law.
2. **Controlled Access Highways** are those State highways which are entirely or partly constructed, reconstructed or improved at a location where no public highway therefore existed and to and from which the owners or occupants of abutting property as pedestrians, as operators of vehicles or in any other capacity, excepting as such access may be reserved pursuant to the description and map of the property which has been or which thereafter shall be acquired in accordance with this Chapter for the purpose of such controlled access highways.
3. **State Thruways** are those highways specified and described in Section 349 of this Chapter, constructed, improved or reconstructed as provided in such section.
4. **County Roads** are those roads constructed, improved, maintained and repaired under Article 6 of this Chapter and roads constructed or improved under general or specific law, which are maintained by the County.
5. **Town Roads** are those constructed, improved, or maintained by the Town with the aid of the State or County, under the provisions of this Chapter, including all highways in Towns, outside of incorporated villages constituting separate road districts which do not belong to either of the two preceding classes.



Highways in Greene County

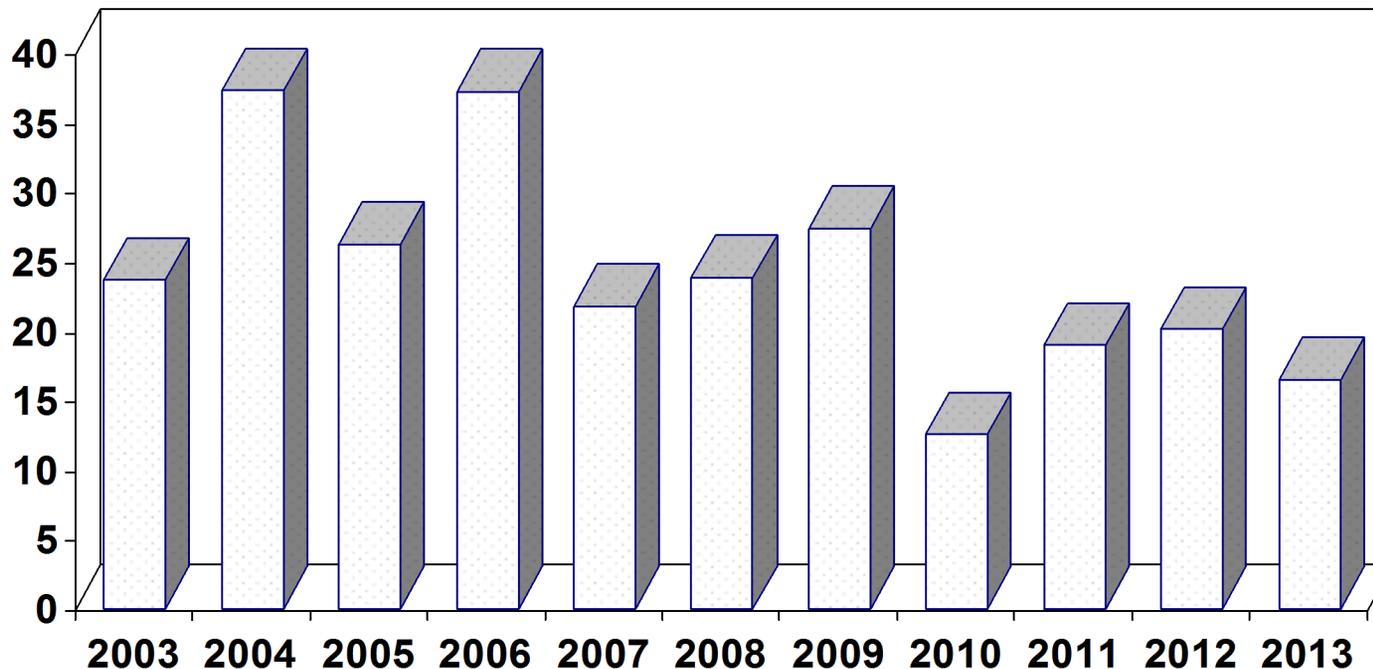
Mileage of each class of highway in Greene County is as follows:

Class 1 – State Highways.....	220.88 miles
Class 2 – Controlled Access Highways	9.77 miles
Class 3 – State Thruways	23.83 miles
Class 4 – County Roads.....	262.52 miles
County Roads within Villages.....	3.70 miles
Class 5- Town Roads.....	663.61 miles

	County Roads in Towns	County Roads in Villages	County Roads	Town Highway Total
Ashland	16.59	--	16.59	17.99
Athens	11.97	2.75	14.72	31.67
Cairo	30.21	--	30.09	91.34
Catskill	18.68	--	18.56	83.39
Coxsackie	17.73	0.56	18.29	49.42
Durham	22.67	--	22.67	80.02
Greenville	23.59	--	23.59	62.51
Halcott	7.16	--	7.16	16.34
Hunter	14.01	0.39	14.40	38.97
Jewett	23.88	--	23.88	39.07
Lexington	16.79	--	16.79	34.97
New Baltimore	23.83	--	23.83	63.18
Prattsville	12.62	--	12.62	18.91
Windham	19.07	--	19.07	35.83
	258.82	3.70	262.52	663.61

Treatment	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Asphalt Paving	13.94 mi.	12.43 mi.	12.80 mi.	11.41 mi.	9.81 mi.	7.76 mi.	17.88 mi.	11.22 mi.	10.77 mi.	11.60 mi.	12.58 mi.
Motor Paving	5.52 mi.	11.30 mi.	8.41 mi.	0.00 mi.	2.71 mi.	2.75 mi.	1.15 mi.	0.00 mi.	0.00 mi.	0.00 mi.	0.00 mi.
Chip Seal	4.16 mi.	13.61 mi.	0.00 mi.	25.89 mi.	9.32 mi.	13.32 mi.	8.36 mi.	1.31 mi.	8.18 mi.	8.52 mi.	3.93 mi.
Nova Chipping	0.00 mi.	0.00 mi.	2.60 mi.	0.00 mi.							
Hot-In-Place Rec.	0.00 mi.	0.00 mi.	0.00 mi.	2.46 mi.	0.00 mi.	0.00 mi.	0.00 mi.	2.89 mi.	0.00 mi.	2.58 mi.	2.10 mi.
Total Miles	23.62 mi.	37.34 mi.	26.27 mi.	37.30 mi.	21.84 mi.	23.83 mi.	27.39 mi.	12.53 mi.	18.97 mi.	20.12 mi.	16.51 mi.

Eleven Year Pavement Treatment Summary



Total Number of Treated Miles Verses Calendar Year

2013 Paving Program



***Highway Rehab. Corp. performing their
Hot In-Place Recycling process on
County Road 23B, in the Town of Cairo.***



Hot In-Place Asphalt Recycling

Hot In-Place Recycling is an on-site, in-place method that rehabilitates deteriorated bituminous pavements, minimizing the use of new materials. Because asphalt is a unique construction material that can be effectively and economically restored, Hot In-Place Recycling encourages restoration rather than applying new material over deteriorating pavement or losing the asphalt altogether through grinding the material. *The process involves heating, scarifying/milling, adding a rejuvenating agent, mixing, placing and re-compacting the new bituminous pavement.* Hot In-Place Asphalt Recycling presents the opportunity to spread available funds over a much greater area, especially during times of rapidly increasing costs and limited funding. In 2013 Greene County Highway Department continued to utilize this process along Cr. 23B in the Town Cairo, totaling 2.10 miles.



Greene County Highway Department

2013 Quick Quote: Paving Contract



Roads & Their Sections

Road Name	Town	From	To	Road Width (feet)	Length (miles)	US Tons Estimated	Us Tons Actual
CR. 16	Hunter	Farrell Road @ New pavement	Dale Lane	20.0	1.60	2,534.40	2,486.36
CR. 17	Jewett	State Route 23A	Rice Street	20.0	2.21	3,500.64	3,269.90
CR. 23B	Cairo	Cairo / Catskill Town Line	State Route 23	24.0	2.10	2,661.12	2,754.68
CR. 23C	Jewett	County Road 40	Boy Scout Road	20.0	2.39	3,785.76	3,867.66
CR. 27	Durham	State Route 81	State Route 145	20.0	0.89	1,409.76	1,300.43
CR. 51	Coxsackie	Paradise Hill Road	State Route 81	20.0	2.08	3,294.72	3,211.22
CR. 56	Windham	County Road 40	CD Lane Park Entrance	20.0	1.31	2,075.04	2,198.48
				Grand Total	12.58	19,261.44	19,088.73



Greene County Highway Department

- 2013 Chip Sealing -

- Roads & Their Sections -

Road Name	Town	From	To	Road Width (Feet)	Length (miles)	Total yd2	Tons of 1A Stone
CR. 03	Halcott	Johnson Hollow Rd	Greene / Delaware County Line	20.0	3.93	46,112.00	576.40
				Totals	3.93		576.40
				CRS-2P @ \$ 2.40 Per Gallon = \$ 55,334.40			
				Stone (1A's) @ \$ 10.75 per Ton = \$ 6,196.30			
				Total Material Cost = \$ 61,530.70			

2013 FEDERAL & STATE AID PROJECT SUMMARY

<u>BIN / PIN</u>	<u>PROJECT DESCRIPTION</u>	<u>FUND APPROPRIATION</u>	<u>CONTRACT COST</u>
3-30294-0	County Road 06 / West Kill	(2009 & On Going)	
PIN 1757.80 (Federal Aid)	Engineering - Wilbur Smith Associates	Project 68	\$424,936.00
	ROW Incidentals - Wilbur Smith Associates		\$49,160.00
	ROW Acquisitions -		\$4,250.00
	Construction - Hudson Valley Bridge		\$1,685,312.28
	Construction Support / Inspection - Creighton Manning Eng. LLP		\$245,000.00
3-30304-0	Mountain House Road (CR 18) / Spruce Creek	(2010 & On Going)	
PIN 1757.81 (Federal Aid)	Engineering - Creighton Manning Eng. LLP	Project 69	\$247,000.00
	ROW Incidentals - Creighton Manning Eng. LLP		\$7,000.00
	ROW Acquisitions - (2012)		\$1,500.00
	Construction - A. Colarusso & Sons, Inc.		\$1,084,651.00
	Construction Support / Inspection - Barton & Loguidice, P.C.		\$218,600.00
3-30330-0	Lakes Mills Road (CR 41) / Catskill Creek	(2011 & On Going)	
PIN 1756.43 (Federal Aid)	Engineering - Barton & Loguidice, P.C.	Project 72	\$219,748.00
	Construction - Arch Bridge Contracting Corp.		\$1,564,479.29
	Construction Support / Inspection - Clark Patterson Lee		\$241,000.00
PIN 1039.52 (State Aid)	Intersection Improvements at State Route 9W & 81	(2009 & On Going)	
	Engineering - M.J. Engineering	Project 67	\$262,200.00
	ROW Incidentals - M.J Engineering		\$20,000.00
	Construction Support - M.J Engineering		\$19,200.00
	Construction Inspection - M.J Engineering		\$256,000.00
	Construction - Green Island Construction Group, LLC		\$1,486,422.65

2013 FEDERAL & STATE AID PROJECT SUMMARY

<u>BIN / PIN</u>	<u>PROJECT DESCRIPTION</u>	<u>FUND APPROPRIATION</u>	<u>CONTRACT COST</u>
PIN 1759.29 (Federal Aid) (2012 & On Going)	County Rails-To-Trails Economic Development and Tourism Study Engineering - Elan, PLLC	Project 73	\$117,900.000
3-30321-0 PIN 1759.24 (Federal Aid) (2012 & On Going)	Jewett Heights Road (Cr. 17) / Batavia Kill Engineering Design & Construction Inspection Services - Clark Patterson Lee Design Professionals ROW Incidentals - Clark Patterson Lee Design Professionals	Project 76	\$292,889.75 \$23,110.25
3-20117-0 PIN 1759.23 (Federal Aid) (2012 & On Going)	Carr Road / Schoharie Creek Engineering - Barton & Loguidice, P.C. ROW Incidentals - Barton & Loguidice, P.C.	Project 75	\$272,491.00 \$16,139.00
C DFA # 10.923 (NRCS GRANT) (2013 & On Going)	West Kill Bank Stabilization (Cr. 06) / West Kill Construction Inspection - Malone & Mac Broom Construction - Bast Hatfield Construction, LLC	Project 77	\$178,550.00 \$3,058,120.00
3-30282-0 PIN 1759.52 (Federal Aid)	Cr. 47 / Kaaterskill Creek Construction Inspection - Creighton Manning Eng. LLP Construction - Wm. J. Keller & Sons Construction Corp.	Project 79	\$175,000.00 \$1,017,7449.00

2013 LOCAL FUNDED PROJECT SUMMARY

<u>BIN / CIN</u>	<u>PROJECT DESCRIPTION</u>	<u>FUND APPROPRIATION</u>	<u>CONTRACT COST</u>
	<p>Mitigation on Embankment Slope Failures [Cr. 02, Cr. 06 Cr. 20, Cr. 30 & (2) Cr. 61] Towns of Prattsville, Lexington, Durham, Catskill, & New Baltimore Engineering Design & Construction Inspection Services - Creighton Manning Engineering, LLP</p>	<p>D5112.2140 ROAD CONSTRUCTION (2010 and On Going)</p>	<p>\$94,900.00</p>
<p>3-20130-0 Misc. Bridges</p>	<p>Tumbleweed Road / West Kill Engineering Design & Construction Inspection Services - Creighton Manning Eng. LLP Soil Borings - Dente Engineering, P.C. Construction - A. Colarusso & Son, Inc.</p>	<p>D5112.2160</p>	<p>\$24,490.00 \$2,246.00 \$220,900.00</p>

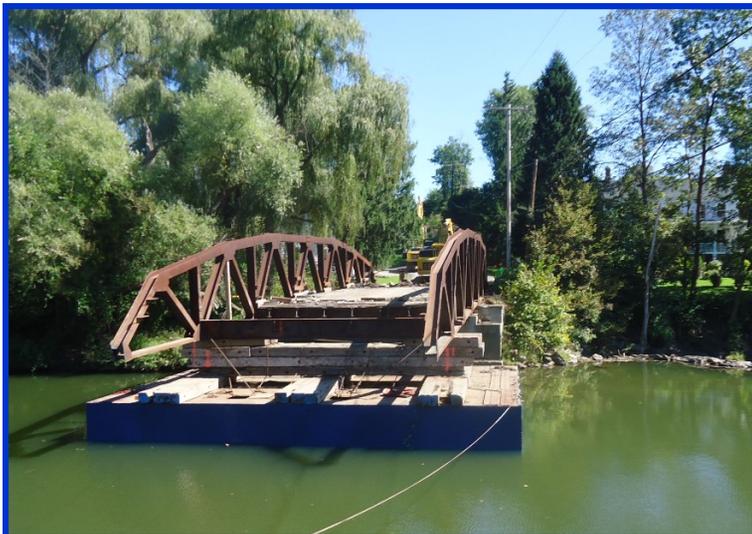
***Tumbleweed Road Bridge
 over the West Kill, in the
 Town of Lexington.***



2013 LOCAL FUNDED PROJECT SUMMARY

<u>BIN / CIN</u>	<u>PROJECT DESCRIPTION</u>	<u>FUND APPROPRIATION</u>	<u>CONTRACT COST</u>
3-30299-0	CR 78 / East Kill (Colgate) BRIDGE REHABILITATION Engineering Design & Construction Inspection Services – Clark Patterson Lee Design Professionals	D5112.2160 MISCELLANEOUS BRIDGES (2012 AND ON GOING)	\$21,650.00
3-30282-0	CR 47 Bridge / Kaaterskill Creek SUPERSTRUCTURE REPLACEMENT Engineering Design - Creighton Manning Engineering, LLP	D5112.2160 MISCELLANEOUS BRIDGES	\$124,000.00

***Cr. 47 Bridge over the Kaaterskill
Creek, in the Town of Catskill.
During Demolition Phase and After.***



2013 LOCAL FUNDED PROJECT SUMMARY

<u>BIN / CIN</u>	<u>PROJECT DESCRIPTION</u>	<u>FUND APPROPRIATION</u>	<u>CONTRACT COST</u>
	County Road 25 / Slope Repair Engineering Design - Creighton Manning Engineering, LLP	D5112.2160 MISCELLANEOUS BRIDGES	\$8,055.52
3-20072-0	Potic Creek Road Bridge / Cob Creek	D5112.2160	
3-20077-0	Peat Beds Road Bridge / Grapeville Creek Engineering Design & Construction Inspection Services - Creighton Manning Engineering, LLP Construction (Peats Bed)- A. Colarusso & Son, Inc.	MISCELLANEOUS BRIDGES	\$28,250.00 \$41,250.00

Peats Bed Road Bridge over the Grapeville Creek, in the Town of Coxsackie.



2013 HURRICANE IRENE PROJECT SUMMARY

<u>BIN / CIN</u>	<u>PROJECT DESCRIPTION</u>	<u>FUND APPROPRIATION</u>	<u>CONTRACT COST</u>
PW 5509	County Road 02 - Slope Stabilization and Road Reconstruction	Project 74 (FEMA - 4020-DR-NY)	
	Engineering & Construction Inspection - Creighton Manning Engineering, LLP		\$45,500.00
	Construction - Hudson Valley Bridge Construction.		\$547,340.56



***County Road 02 - During the Road Reconstruction Phase.
Located in the Town of Prattsville.***

2013 HURRICANE IRENE PROJECT SUMMARY

<u>BIN / CIN</u>	<u>PROJECT DESCRIPTION</u>	<u>FUND APPROPRIATION</u>	<u>CONTRACT COST</u>
3-20121-0 PW 7107	Bush Road Bridge / Schoharie Creek BRIDGE REPLACEMENT Engineering & Construction Inspection - Creighton Manning Engineering, LLP Construction - ING Civil, Inc.	Project 74 (FEMA - 4020-DR-NY)	\$80,500.00 \$864,400.00



***Bush Road Bridge over the
Schoharie Creek in the
Town of Lexington.***



2013 HURRICANE IRENE PROJECT SUMMARY

<u>BIN / CIN</u>	<u>PROJECT DESCRIPTION</u>	<u>FUND APPROPRIATION</u>	<u>CONTRACT COST</u>
3-20114-0 PW 6919	Upper Mill Hollow Road Bridge / East Kill BRIDGE REPLACEMENT	Project 74 (FEMA - 4020-DR-NY)	
	Engineering & Construction Inspection - Creighton Manning Engineering, LLP		\$80,000.00
	Construction - ING Civil, Inc.		\$847,400.00



***Upper Mill Hollow Road Bridge over
the East Kill in the Town of Jewett.***



Before and After.

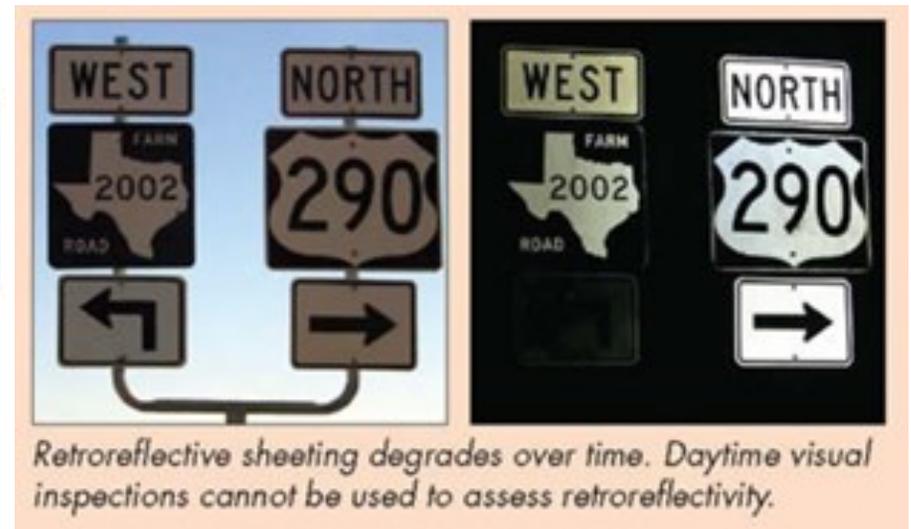
Greene County Sign Program

NEW SIGN RETRO-REFLECTIVE REQUIREMENTS.

One of the Federal Highway Administration's (FHWA's) primary concerns is to improve safety on the nation's roadways. Approximately 42,000 people have been killed on American roads during each of the past eight years. While only one-quarter of all travel occurs at night, about half of the traffic fatalities occur during the nighttime hours. To address this disparity, the FHWA has adopted new traffic sign Retro-Reflectivity requirements.

Adequately maintained Retro-Reflective signs improve highway safety and prevent roadway departure crashes by bouncing light from the vehicle headlights back toward the vehicle and the driver's eyes, making the signs appear brighter and easier to see and read. Because the Retro-Reflective properties of traffic control devices deteriorate over time, highway agencies need to actively manage the maintenance of signs in order to ensure that they are clearly visible at night. Under a federal rule that went into effect on January 2008, agencies had until January 2012 to establish and implement a sign assessment or management method that will maintain minimum levels of sign Retro-Reflectivity.

The *Manual on Uniform Traffic Control Devices* (MUTCD) is the national standard for all traffic control devices on any street or highway open to public travel. The MUTCD now requires that agencies maintain traffic signs to a set of minimum levels that must be maintained for traffic signs. The compliance date for meeting the minimum Retro-Reflectivity requirements on regulatory, warning, and ground-mounted guide signs is January 2015. For overhead guide signs and street name signs, the compliance date is January 2018. The Greene County Sign Department is well underway in an effort to meet the January 2015 deadline.



2013 Sign Program

Pursuant to MUTCD requirements for management, the sign department utilizes the “Blanket Method Management System” where all signs are replaced along the entire county road. In 2013 two more county roads have had all new signs installed; for a total of 17 county roads that have had complete restoration with New High Intensity Prismatic Material, (HIPM) in an effort to conform with the national standard for control devices. The Sign Department is recycling all old signs that are taken down for Non-Reflectivity then reapplying new Prismatic Sheeting Material faces. This is a cost effective way to meet the new standards.

The Greene County Sign Department is responsible for over 15,000 road signs. These signs include Pedestrian Crossings, Hidden Driveways, School Bus Ahead, Signal Arrows and Chevrons. In addition, permanent flooding signs that flip up during emergency flooding conditions were placed on County Routes 30, 47, & 61. In 2013, 502 new High Intensity Prismatic signs were installed or replaced due to Non-Reflectiveness. The Sign Department is also responsible for 223.83 miles of centerline striping, and 422.06 miles of edge line striping. With budgetary constraints, 207.59 miles of centerline and 173.10 miles of edge line was striped.



Permanent “Flip-Up Style” of Flooding Sign located along County Road 47, in the Town of Catskill.

Greene County In-House

RED - FLAG SCOUR REPAIR PROJECTS

Town & County Bridge and Rail

	D5112.2160 (misc. bridges)
County Road 65 Bridge - Shotcrete Repairs	\$14,160.00
Timberlake Road Bridge - Shotcrete Repairs	\$15,045.00

APPLICATION OF SILANE PENETRATING SEALER (DECK SEALING)

Town & County Bridge and Rail

	D5112.2160 (misc. bridges)
Main Street Road Bridge - Catskill	
County Road 06 Bridge - Lexington	\$25,314.30
Auffarth Road Bridge - Lexington	(Total Cost for Six Bridge decks)
County Road 03 - Halcott	
Elk Creek Road Turnpike - Halcott	
County Road 40 Bridge - Windham	

262.52 Miles of Roadway Maintained.

General Maintenance Including: Culvert Replacement, Ditching, Tree removal & Trimming, Mowing, Removal of Debris.

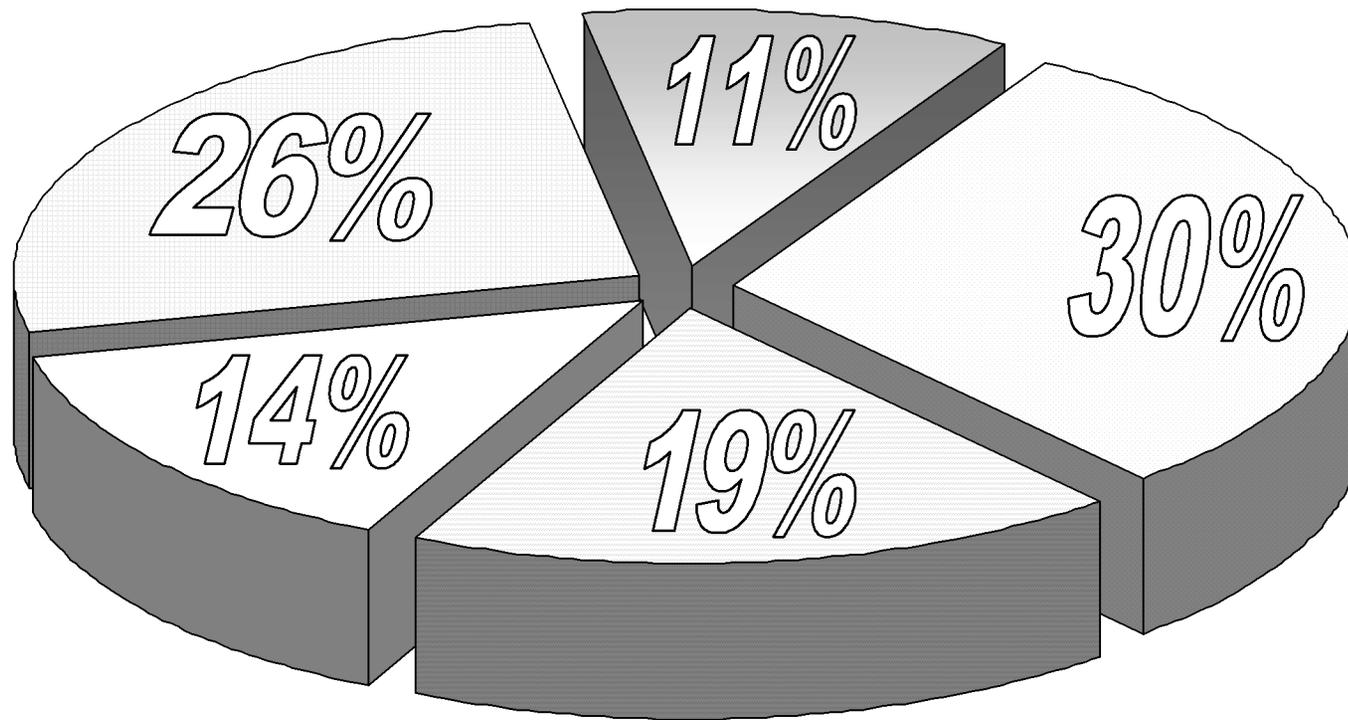
Maintained 135 Bridges within the NYS Computer Regulated "FLAG" System

Administered the "Petro-Vend" Automated Fueling Management System.



GREENE COUNTY

135 BRIDGES



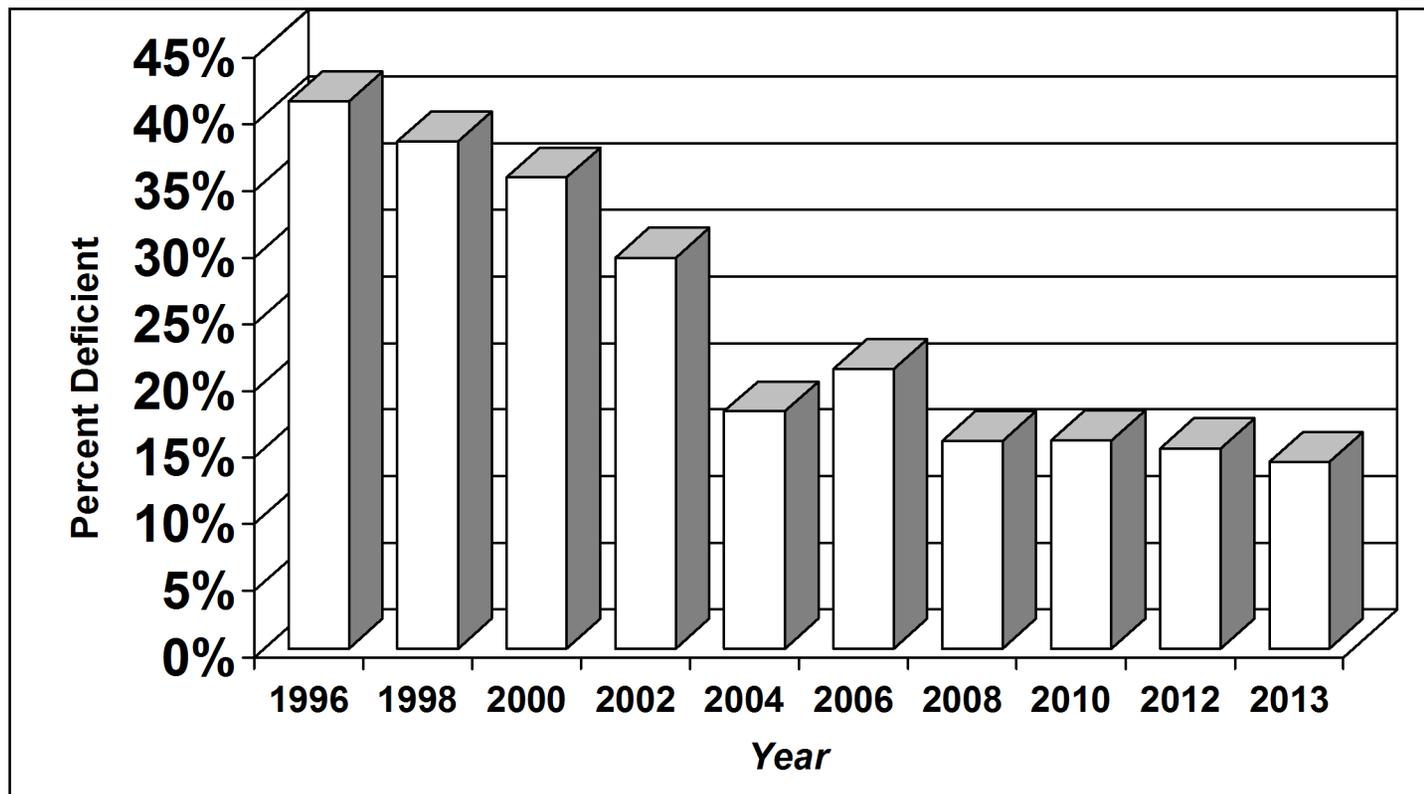
- Between 20 & 30 ft. = 11%
- Between 31 & 45 ft. = 30%
- Between 46 & 60 ft. = 19%
- Between 61 & 75 ft. = 14%
- Greater Than 75 ft. = 26%

2013 Bridge Length Inventory



Deficient Bridge Status History

From 1996 to 2013



A Bridge with an Overall General Recommendation of less than 5.0 is considered NOT to be performing as it was designed and is, therefore, considered "DEFICIENT". The term "DEFICIENT" does NOT mean, however that a Bridge is Unsafe. Currently there are 19 County owned bridges that are rated less than 5.0



Bridge Structural Flags

New York State Department of Transportation administers an annual or bi-annual inspection of all publicly owned bridges located in Greene County. The Engineering Division receives from New York State Department of Transportation the inspection reports and any “Flag” information resulting from those bridge inspections. Red Structural Flags require immediate response in the form of a site inspection, by the County’s General Consultant Engineer, and subsequent repair plan formulated and submitted to New York State Department of Transportation within 24 hours or 6 weeks from the initial notification, depending on the designated urgency of the flagged condition.

Yellow Structural Flags are reviewed and a proposed plan to effect repairs is formulated before the flagged condition worsens, resulting in a red flag.

Safety Flags are coordinated and supervised in-house between the Engineering Division and the General Foremen, with repairs being completed by the Greene County Bridge Maintenance Crew.

The Engineering Division monitors all structural and safety flags received from New York State Department of Transportation and then updates the files in our Bridge Management database. In 2013, there were a total of 29 Structural Flags, 19 Yellow, and 10 Red. One which was a 24 hour Prompt Interim Red Flag (PIA).

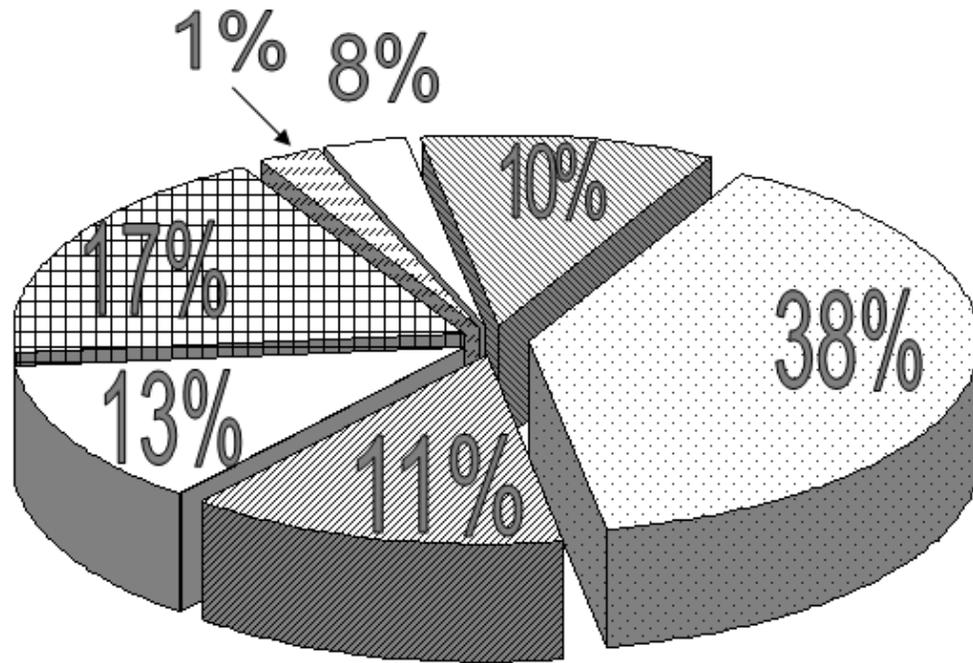
There were 9 Safety Flags issued in 2013. One of which was a 24 hour Prompt Interim Action Safety Flag (PIA). The table below indicates the number of Red and Yellow Flags received over the past eleven years:

<u>YEAR</u>	<u>RED</u>	<u>YELLOW</u>
2013	10	19
2012	12	11
2011	5	23
2010	1	21
2009	10	23
2008	4	10
2007	2	8
2006	1	6
2005	4	9
2004	0	14
2003	0	14



2013 Fund Allocation

*Maintenance * Construction * Snow Removal * Machinery
Employee Benefits * Serial Bonds*



Engineering, Traffic Control & Admin.	10%
Road / Bridge Maintenance	38%
Road / Bridge Construction	11%
Snow / Ice Removal	15%
Machinery	17%
Employee Benefits & Services	1%
Serial Bonds	8%

Total Allocation: \$ 11,245,676.32

County Vehicle List

ID. Num.	VEHICLE DESCRIPTION	ID. Num.	VEHICLE DESCRIPTION	ID. Num.	VEHICLE DESCRIPTION
06-01	06 Jeep Liberty	01-35	01 Ford F 450 XL Utility 1 Ton Truck	02-69	02 Ford F450 1 Ton w/Stake Body
01-02	01 Dodge Durango Sport	00-36	00 GMC Sierra 1 Ton Utility Truck	06-70	06 Int'l Dump
08-03	08 Ford F250 3/4 Ton 4x4 Pickup	89-37	89 Oshkosh Dump Truck	98-71	98 Chevrolet 2500 Crew Cab 3/4 pickup
06-04	06 Ford F250 3/4 Ton 4x4 Pickup	68-38	68 Rebuilt in '82 Oshkosh Truck	72	
01-05	01 Chevrolet S10 Pickup	39		10-73	10 Int'l Tandem Snow Plow / Dump
01-06	01 Chevrolet S10 Pickup	88-40	88 Int'l Cab Chassis Stake Body Flat Bed	74	
08-07	08 Ford F250 4x4 w/ Fisher Plow	08-41	08 Int'l Tandem Dump Truck w/plow	75	
04-08	04 Ford F250 3/4 Ton Pickup	00-42	00 Volvo Dump Truck	76	
04-09	04 Ford F250 3/4 Ton Pickup	02-43	02 Int'l 4700 w/16' Flat Bed	99-77	99 Dodge Ram 3/4 Ton 4x4 Pickup
02-10	02 Chevrolet 1/2 Ton Pickup	83-44	83 Oshkosh Snow Plow	78	
02-11	02 Chevrolet 1/2 Ton Pickup	07-45	07 Int'l 7500 Dump Truck	05-79	05 Johnson Sweeper
00-12	00 Ford Explorer SUV	87-46	87 Int'l Dump Truck	91-80	91 Ford F600 Bucket Truck
13		03-47	02 Int'l Dump Truck	01-81	01 Int'l Altec + F11 Bucket Truck
14		87-48	87 Int'l Dump Truck	01-82	01 Elgin Eagle Pavement Sweeper
15		92-49	92 Int'l Flow Boy	83	
01-16	01 Dodge Durango Sport	86-50	86 Int'l Tractor	88-84	88 Oshkosh Tandem Dump
00-17	00 Ford F150 1/2 Ton Pickup	92-51	92 Ford Dump Truck	00-85	00 Int'l Eagle Pay Star Dump Truck
00-18	00 Ford F150 1/2 Ton Pickup	95-52	95 Oshkosh Snow Plow	01-86	01 Int'l Eagle Pay Star Dump Truck
05-19	05 Ford Dump Truck	53		00-87	00 Int'l Tractor /
85-20	85 Oshkosh Snow Plow	54		88-88	88 GMC 3/4 Ton Pickup
21		91-55	91 Ford Utility Truck	00-89	00 Oshkosh Snow Plow w/spreader
92-22	92 International Dump Truck	91-56	91 Int'l Dump	88-90	88 Oshkosh Snow Plow w/spreader
01-23	01 Int'l 4700 Crew Cab Dump Truck	98-57	98 Int'l Dump	91	
01-24	01 Int'l 4700 Crew Cab Dump Truck	58		00-92	Int'l Crew Cab Dump Truck
01-25	01 Int'l 4700 Crew Cab Dump Truck	58-59	58 Oshkosh Snow Blower	91-93	91 Int'l Dump Crew Cab
01-26	01 Int'l 4700 Crew Cab Dump Truck	01-60	01 Int'l Dump	05-94	05 Int'l Dump Truck w/plow
91-27	91 Int'l 4700 Crew Cab Dump Truck	01-61	01 Int'l Dump	95	
28		01-62	01 Int'l Dump	96	
92-29	92 Int'l Dump Truck	01-63	01 Int'l Dump	97	
83-30	83 Chevrolet Utility 1 Ton Pickup	88-64	88 Int'l Dump	98	
87-31	87 Oshkosh Snow Plow	96-65	96 Int'l Dump Truck	67-99	67 FWD Waukeschau Snow Plow
07-32	07 Int'l 7500 Dump Truck	01-66	01 Int'l Pay Star	100	
01-33	01 Ford F350 Crew Cab 1 Ton Pickup	02-67	02 Int'l Dump Truck		
34		02-68	02 Int'l Dump Truck		

County Equipment List

ID. Num.	DESCRIPTION	ID. Num.	DESCRIPTION
81-E01	80 John Deere Crawler Loader w/ Backhoe 72 hp.	00-E56	00 Big Tex 6 Ton Trailer
81-E02	81 Power Pack 605 Road Widener 3 cy. / 18 hp.	74-E65	74 Hauck Trailer Asphalt Patching
74-E05	74 White Tractor/Loader/Backhoe 6 cy. / 78 hp.	89-E68	84 John Deere 544E Loader 2.25 cy. / 115 hp.
99-E06	99 Case 650G Dozer, 80 hp. 2.2cy. Blade	01-E70	01 Ingersoll-Rand 873 Bobcat 73 hp.
99-E07	20 Ton Tagalong Trail King Trailer	94-E74	94 Gradall XL-4100 8 cy. / 145 hp.
97-E09	97 Ford 555 Backhoe / Loader 1cy. / 65 hp.	81-E79	81 Bomag 755 Drum Roller (walk behind)
99-E12	99 Caterpillar 938G Loader 3yd. / 145 hp.	93-E81	93 Morbark 290 Eagle Chipper
00-E17	00 Caterpillar 938G Loader 145 hp.	00-E85	00 Case 590 Super I Backhoe
81-E22	81 Champion 715 Grader 150 hp.	01-E86	01 John Deere 4x4 624 Loader / 2.5 cy.
00-E23	01 Ingersoll-Rand DD12 1/2 ton Roller / 16.5 hp.	01-E87	01 Ingersoll-Rand Roller DD110 / 120 hp.
00-E24	01 Ingersoll-Rand DD12 1/2 ton Roller / 16.5 hp.	00-E87T	00 Talbert 35 Ton Trailer
01-E25	01 Big Tex 5 Ton Trailer	98-E88	98 Miller Welder on Wheels
01-E26	01 Stone Wolfpac 2500 Vibratory Roller / 18 hp.	98-E90	98 Vermeer 1230A Chipper 4 cy. / 86 hp.
04-E27	04 Stone Wolfpac 3100 Vibratory Roller / 18 hp.	98-E91	98 Vermeer 1230A Chipper 4 cy. / 86 hp.
94-E28	94 John Deere 624 Loader 3.25 cy. 145 hp.	00-E92	00 Salsco Chipper / 4.21 cy. Diesel
05-E29	05 Trailer	00-E93	00 Salsco Chipper / 4.21 cy. Diesel
75-E31	75 Ingram 1/2 T Portable Tandem Roller 53 hp.	02-E96	02 Case 590 Backhoe 4cyl. / 99 hp.
03-E35	03 Broce Broom RJ350 Street Sweeper 80 hp.	79-E103	79 Caterpillar Wheel Loader 3.5 cy.
86-E42	86 Massey Ferguson Mower 65 hp.	80-E109	80 Little Giant Sweeper (tow) 11.5 hp.
02-E44	02 John Deere Mower	83-E111	83 Sullair Air Comp. 68 hp., 185 cfm.
91-E45	91 Rexworks SP-910B Roller 87 hp.	88-E112	88 Sullair Air Comp. 78 hp., 185 cfm.
00-E46	00 John Deere 5310 Tractor Mower 55 hp.	07-E115	07 Caterpillar Excavator Track
02-E48	00 John Deere 5320 Mower	89-E120	89 Caterpillar Grader 120 hp.
85-E50	85 Massey Ferguson MF-50E Tractor Mower 65 hp.	85-E200	85 Leeboy Asphalt Maintainer 65 hp.
99-E53	99 Gradall G3WD / 8cy. / 190 hp.	84-E510	84 J.D. Backhoe/Loader 1.3 cy., 70 hp.
00-E55	00 Big Tex 6 Ton Trailer		



SOLID WASTE MANAGEMENT

Municipal Solid Waste and Construction & Demolition

2012

2013

Year End	MSW	C&D	MSW+C&D	Year to Date	MSW	C&D	MSW+C&D
January	3,236.01	285.05	3,521.06	January	3,830.00	0.00	3,830.00
February	3,364.27	81.25	3,445.52	February	3,366.18	0.00	3,366.18
March	3,569.12	240.91	3,810.03	March	3,912.61	0.00	3,912.61
April	3,336.92	445.92	3,782.84	April	4,661.84	0.00	4,661.84
May	3,538.61	498.29	4,036.90	May	4,249.12	0.00	4,249.12
June	4,030.19	520.34	4,550.53	June	4,559.62	0.00	4,559.62
July	4,191.80	341.26	4,533.06	July	4,584.66	0.00	4,584.66
August	4,735.87	451.81	5,187.68	August	4,372.22	0.00	4,372.22
September	3,890.62	294.37	4,184.99	September	4,059.61	0.00	4,059.61
October	5,007.83	0.00	5,007.83	October	4,479.70	0.00	4,479.70
November	4,253.08	0.00	4,253.08	November	4,032.98	0.00	4,032.98
December	3,700.62	0.00	3,700.62	December	4,013.79	0.00	4,013.79
Total	46,854.94	3,159.20	50,014.14	Total	50,122.33	0.00	50,122.33
					Percentage of 2012 Total		100.22%



SOLID WASTE MANAGEMENT

HIGH VOLUME TONS

2013	PREVIOUS	MSW	C&D	TOTAL	YTD TOTAL
December YTD	35,096.27	3,007.13	108.68	3,115.81	38,212.08

APPROXIMATE CUSTOMER COUNT

2013	WINDHAM	HUNTER	BOOTH	SCALE	COXSACKIE	Monthly Total
January	1,910	2,221	1,711	742	2,503	9087
February	1,714	1,700	1,702	799	2,072	7,987
March	1,878	1,754	1,809	996	2,583	9,020
April	2,101	2,419	1,758	1,584	2,655	10,517
May	2,174	2,187	1,951	1,417	2,987	10,716
June	2,429	2,267	2,098	1,485	3,007	11,286
July	2,770	3,022	2,054	1,348	3,037	12,231
August	2,888	3,307	2,479	1,443	3,048	13,165
September	2,180	2,212	1,696	1,191	2,937	10,216
October	2,362	1,946	1,728	1,371	3,301	10,708
November	2,075	1,868	1,642	1,333	2,903	9,821
December	2,344	2,034	1,661	1,039	2,489	9,567
Year to Date	26,825	26,937	22,289	14,748	33,522	124,321



SOLID WASTE MANAGEMENT

RECYCLABLES

	2012		2013	
	Year End		Year to Date	Percentage of
		Previous	Total Tons	2012 Total
		Totals	Current	
			Totals	
Batteries	4.46	Batteries	6.08	136.32%
Cans	75.22	Cans	5.47	100.17%
Cardboard	373.40	Cardboard	42.83	112.05%
Electronics	92.89	Electronics	0.00	110.24%
Glass	188.25	Glass	0.00	126.67%
Metal	494.61	Metal	23.35	92.95%
Paper	350.91	Paper	24.43	84.62%
Plastic	54.56	Plastic	0.00	211.66%
Textiles	95.36	Textiles	11.25	89.66%
Tires	53.21	Tires	0.00	104.62%



2013 Solid Waste VEHICLES & EQUIPMENT LIST

ID. Num.

Description

VEHICLES

SW-2	2003	FORD	F350 MECHANICS TRUCK
SW-5	1991	INTERNATIONAL	BOX TRUCK
SW-9	1996	MACK	TRACTOR
SW-10	1996	MACK	TRACTOR
SW-12	2004	INTERNATIONAL	BOX TRUCK
SW-13	2004	INTERNATIONAL	ROLL OFF TRUCK
SW-16	2006	INTERNATIONAL	TRACTOR
SW-17	1979	OTTAWA	YARD TRACTOR
SW-18	1986	OTTAWA	YARD TRACTOR
SW-20	2008	CHEVROLET	IMPALA LS SEDAN
SW-49	1992	INTERNATIONAL	TRACTOR

TRAILERS

SWT-9	2003	GALBREATH	TRIAXLE TILT TRAILER
SWT-10	2003	GALBREATH	TRIAXLE TILT TRAILER
SWT-21	2004	SPEC TEC	COMPACTOR TRAILER
SWT-22	2004	SPEC TEC	COMPACTOR TRAILER

EQUIPMENT

SW130G	2013	JOHN DEERE	EXCAVATOR
SW-310G	2006	JOHN DEERE	BACKHOE
SW-314C	2006	CATERPILLAR	HYDRAULIC EXCAVATOR
SW-863	2003	BOB CAT	SKID STEER LOADER
SW-510B	1988	JOHN DEERE	BACKHOE
SW-416E	2007	CATERPILLAR	BACKHOE
SW-416E1	2008	CATERPILLAR	BACKHOE
SW-92	2000	YALE	FORK TRUCK

STORAGE CONTAINERS

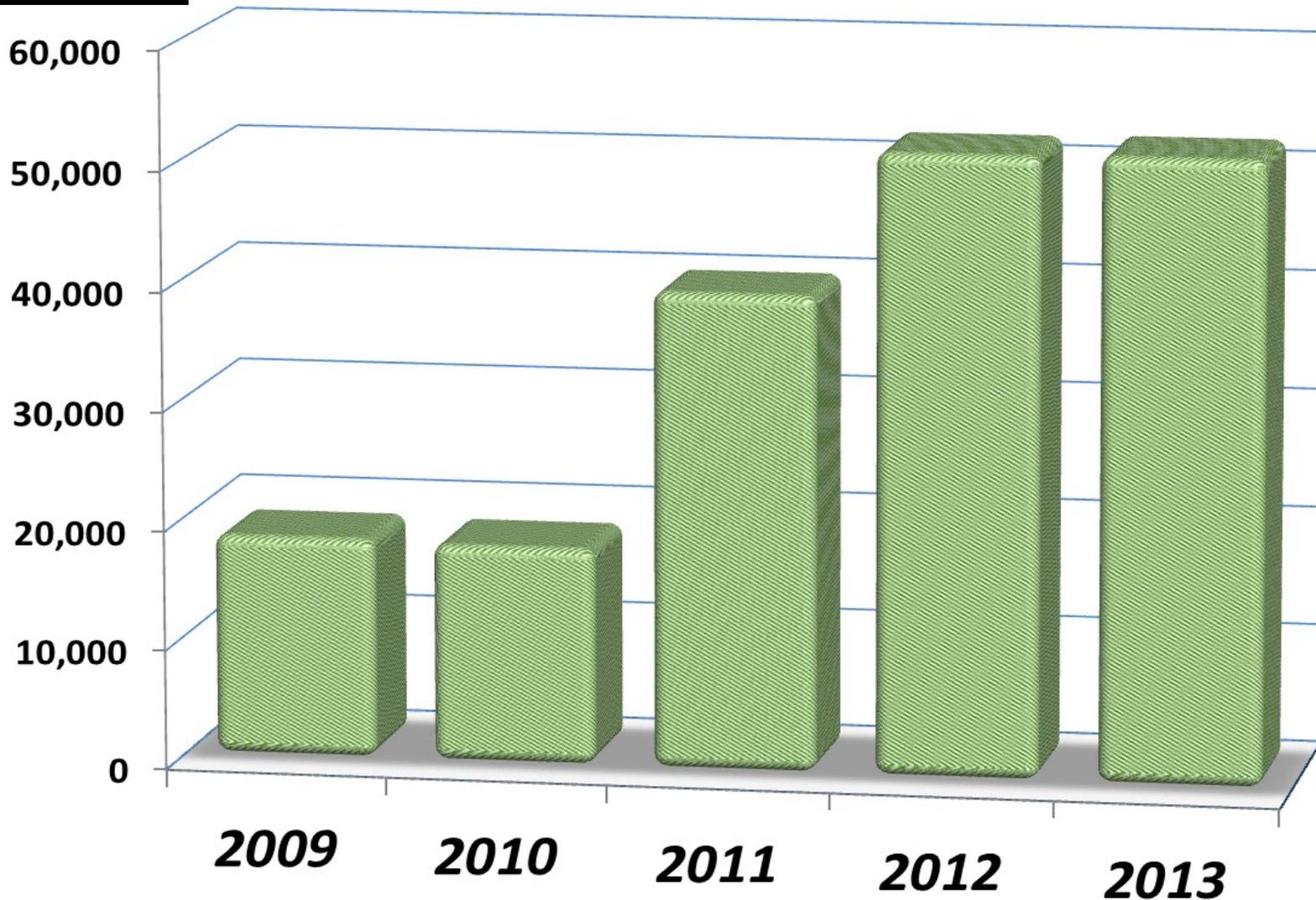
SWT-4	1984	ACCURATE	COMPACTOR TRAILER
SWT-15	1980	STECO	COMPACTOR TRAILER
SWT-16	1980	STECO	COMPACTOR TRAILER
SWT-18	1980	STECO	COMPACTOR TRAILER
SWT-20	1974	FRUEHAUF	BOX TRAILER
No #	1968	FRUEHAUF	BOX TRAILER
No #	1970	FRUEHAUF	BOX TRAILER



SOLID WASTE MANAGEMENT

TOTAL VOLUME OF MUNICIPAL SOLID WASTE BY YEAR.

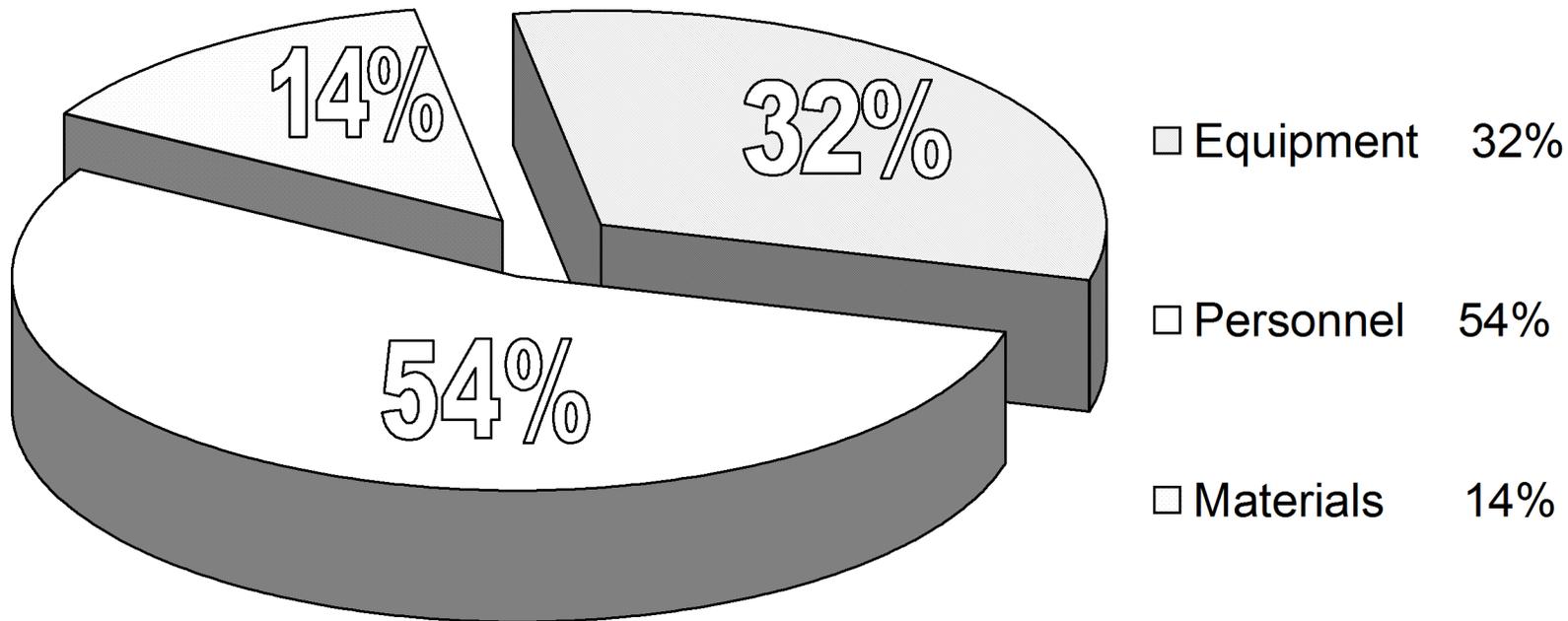
US Tons



Tons of Municipal Solid Waste and Construction & Demolition Debris Per Year.

2013 - Snow / Ice Removal

** Equipment * Personnel * Materials **



2013 Annual Total: \$1,832,190.00

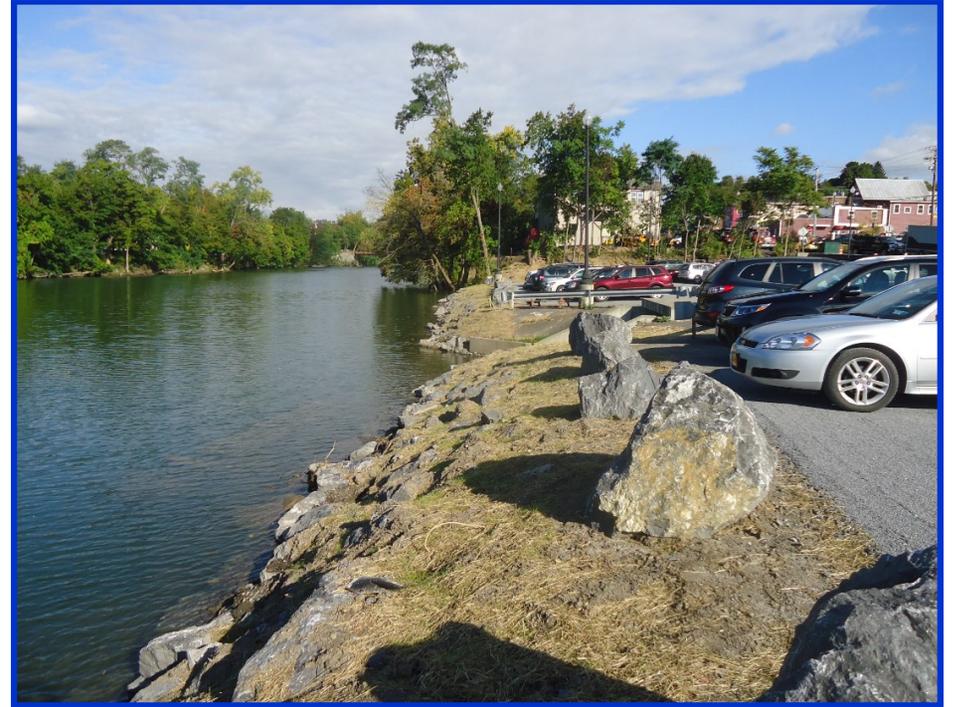


2013 TRAINING and SEMINARS

DATE	EVENT	LOCATION	ATTENDEES	DEPARTMENT
January 22 & 23	NYSCHSA (Winter Conference)	Albany	Superintendent, Deputy Superintendent	Administration
March 6	Advocacy Day - Re: CHIPS, Funding for roads & bridges	Albany	Superintendent, Deputy Superintendent	Administration
March 20	New York Land Boundaries and Access Rights	Albany	Superintendent	Administration
June 24	NIMS IS-100	Cairo	Office Manager, Administrative Assistant, Sr. Engineering Tech	Administration Engineering Division
September 10	Introduction to WEB EOC	Cairo	Superintendent, Office Manager, Administrative Assistant	Administration
October 30 & 31	19 th Statewide Conference on Local Bridges	Syracuse	Superintendent, Sr. Engineering Tech.	Administration Engineering Division
November 20	Transportation Symposium	Albany	Superintendent	Administration
December 5	NIMS IS-700	Cairo	Sr. Engineering Tech.'s	Engineering Division



***Slope Stabilization Project for Greene
County's lower parking lot.
During the Construction of Phase 1.***



***Completion of Phase 1.
Slope Stabilization Project.***

FEMA - 4020 - DR - NY P.A. #039-99039-00

HURRICANE IRENE - INCIDENT PERIOD: AUGUST 26, THROUGH SEPTEMBER 5, 2011

(The following is the Summary by Category of Blue Book Bundles Received, as of January 31, 2014)

PROJECT SUMMARY

Small Projects - (Under \$63,900)

Large Projects - (\$63,900 and Over)

Emergency Work

Category A: Debris Removal

Clearance of trees and woody debris; building wreckage; sand, mud, silt, and gravel; vehicles; and other disaster related material deposited on public and, in very limited cases, private property.

Category B: Emergency Protective Measures

Measures taken before, during, and after a disaster to save lives, protect public health and safety, and protect improved public and private property.

Permanent Work

Category C: Roads and Bridges

Repair of roads, bridges, and associated features, such as shoulders, ditches, culverts, lighting and signs

Category D: Water Control Facilities

Repair of irrigation systems, drainage channels, and pumping facilities. Repair of levees, dams, and flood control channels fall under Category D, but the eligibility of these facilities is restricted.

Category E: Buildings and Equipment

Repair or replacement of buildings, including their contents and systems; heavy equipment; and vehicles.

HURRICANE IRENE PROJECT SUMMARY

FEMA - 4020 - DR - NY P.A. #039-99039-00

HURRICANE IRENE - INCIDENT PERIOD: AUGUST 26 THROUGH SEPTEMBER 5, 2011

REIMBURSEMENT STATUS

PROJECTS UNDER CONSTRUCTION (PARTIAL PAYMENT RECEIVED) - BALANCE ANTICIPATED AT CLOSEOUT

PW NO. Ref #	BDL	CAT.	PROJECT SIZE	DAMAGED FACILITY	APPROVED PW AMOUNT	STATE & FEDERAL SHARES RECEIVED	PERCENT RECEIVED of Approved PW	STATE & FEDERAL BALANCE ANTICIPATED	INSURANCE PROCEEDS RECEIVED	INSURANCE ANTICIPATED	NOTES
5355 99039 B3	59	E	Small	Court House - Mechanical Repairs	\$1,181.32	\$1,181.32	100%	\$0.00	\$0.00	\$5,611.58	
5475 99039 B1	60	E	Small	Cairo Office Building Contents	\$4,780.07	\$4,780.07	100%	\$0.00	\$0.00	\$5,488.21	
7107 99039J 5	116	C	Large	Bush Road Bridge Replacement	\$788,021.00	\$71,569.10	9%	\$873,330.90	N/A	N/A	Current Contract (\$944,900.00)
7672 99039 58	98	C	Large	CR17 Temporary Road near NYS23A	\$471,663.56	\$353,747.67	75%	\$117,915.89	N/A	N/A	
7684 99039 26	98	C	Large	CR02 Near Prattsville Bridge	\$216,746.05	\$2,167.47	1%	\$590,673.09	N/A	N/A	Current Contract (\$592,840.56)
8046 99039 65	116	B	Large	Municipal Files and Documents	\$609,300.42	\$336,754.23	55%	\$172,546.19	\$100,000.00	\$0.00	
9138 99039 69	127	E	Large	Greene County Highway Bldg.'s 1, 3 & 4 Contents	\$4,845.48	\$4,845.48	100%	\$0.00	\$0.00	\$157,589.04	
9145 99039 50	122	C	Large	Road Shoulders, Surface, Approach Ramp (25 Sites)	\$194,881.85	\$175,393.67	90%	\$19,488.18	N/A	N/A	

\$1,773,954.25

\$168,688.83

HURRICANE IRENE PROJECT SUMMARY

*Anticipated Payment Pending FEMA Audit **

PROJECT COMPLETION AND CERTIFICATION REPORT (P.4) SUBMITTED

Pg. 1 of 2

PW NO. Ref #	BDL	CAT.	PROJECT SIZE	DAMAGED FACILITY	APPROVED PW AMOUNT	STATE & FEDERAL SHARES RECEIVED	PERCENT RECEIVED	STATE & FEDERAL BALANCE ANTICIPATED	PROJECT COST
2566 9903992	44 and 100	C	Large	Elk Creek Bridge Replacement - Amended	\$516,061.89	\$387,046.42	55%	\$313,868.47	Project Cost = \$700,914.89
3458 9903991	49	B	Large	Temporary Bridge - Benjamin (ING)	\$157,618.39	\$102,451.95	65%	\$55,171.17	Project Cost = \$157,623.12
3992 9903996	116	C	Large	Kirk Road over West Kill - Bridge Replacement	\$376,250.89	\$282,188.17	52%	\$259,697.73	Project Cost = \$541,885.90
4636 9903998	122	C	Large	CR10 Culvert over Tributary (Prattsville) Replacement	\$353,572.89	\$265,179.67	75%	\$374,163.05	Project Cost = \$639,342.72
5322 9903993	53	B	Large	Elk Creek Bridge - Temporary (ING Civil)	\$254,865.65	\$203,892.52	80%	\$44,023.33	Project Cost = \$247,915.85
5495 99039N 2	116	C	Large	CR03 Mountain Road over Vly Creek - Bridge Replacement	\$507,353.89	\$380,515.42	44%	\$484,968.55	Project Cost = \$865,483.97
5509 9903990	116	C	Large	Benjamin Road over Stony Clove Creek - Bridge Replacement	\$320,086.73	\$240,065.05	33%	\$489,562.79	Project Cost = \$729,627.84
5978 UCBP290	120	D	Large	Batavia Kill Watershed (Clarence D Lane Park Dam # NY 00615)	\$1,445,512.00	\$1,387,691.52	96%	\$53,477.98	Project Cost = \$1,441,169.50

*** As of January 31, 2014**

