

GREENE COUNTY HIGHWAY DEPARTMENT & SOLID WASTE



COUNTY ROAD 17
IN THE TOWN OF
JEWETT, POST
HURRICANE IRENE
AND AFTER
COMPLETED
REPAIRS.

Gary R. Harvey L.S.
Superintendent

2012
ANNUAL REPORT

Robert Van Valkenburg
Deputy Superintendent





TABLE OF CONTENTS

SUMMARY SUBMITTAL LETTER.....	GARY R. HARVEY L.S ~ SUPERINTENDENT.
SOLID WASTE SUMMARY SUBMITTAL LETTER.....	ROBERT VAN VALKENBURG ~ DEPUTY SUPERINTENDENT
MISSION STATEMENTS.....	GARY R. HARVEY L.S. AND ROBERT VAN VALKENBURG
ORGANIZATIONAL FLOW CHART	
CLASSIFICATION OF HIGHWAYS	
HIGHWAYS IN GREENE COUNTY	
ELEVEN YEAR PAVEMENT TREATMENT SUMMARY AND GRAPH	
2012 ASPHALT PAVING LIST	
2012 CHIP SEAL PAVING LIST	
2012 FEDERAL & STATE AID PROJECT SUMMARY	
2012 LOCAL FUNDED PROJECT SUMMARY	
HURRICANE IRENE PROJECT SUMMARYS	
2012 GREENE COUNTY SIGN PROGRAM	
GREENE COUNTY IN-HOUSE PROJECTS	
BRIDGE LENGTH INVENTORY CHART	
DEFICIENT BRIDGE STATUS HISTORY	
BRIDGE STRUCTURAL FLAGS	
2012 FUND ALLOCATION CHART	
2012 VEHICLE LIST	
2012 EQUIPMENT LIST	
SOLID WASTE VOLUME SUMMARY	
2012 SOLID WASTE VEHICLE & EQUIPMENT LIST	
MUNICIPAL SOLID WASTE CHART	
SNOW / ICE REMOVAL CHART	
TRAINING AND SEMINARS	
FEMA PROJECT SUMMARY BY CATEGORY	



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.***

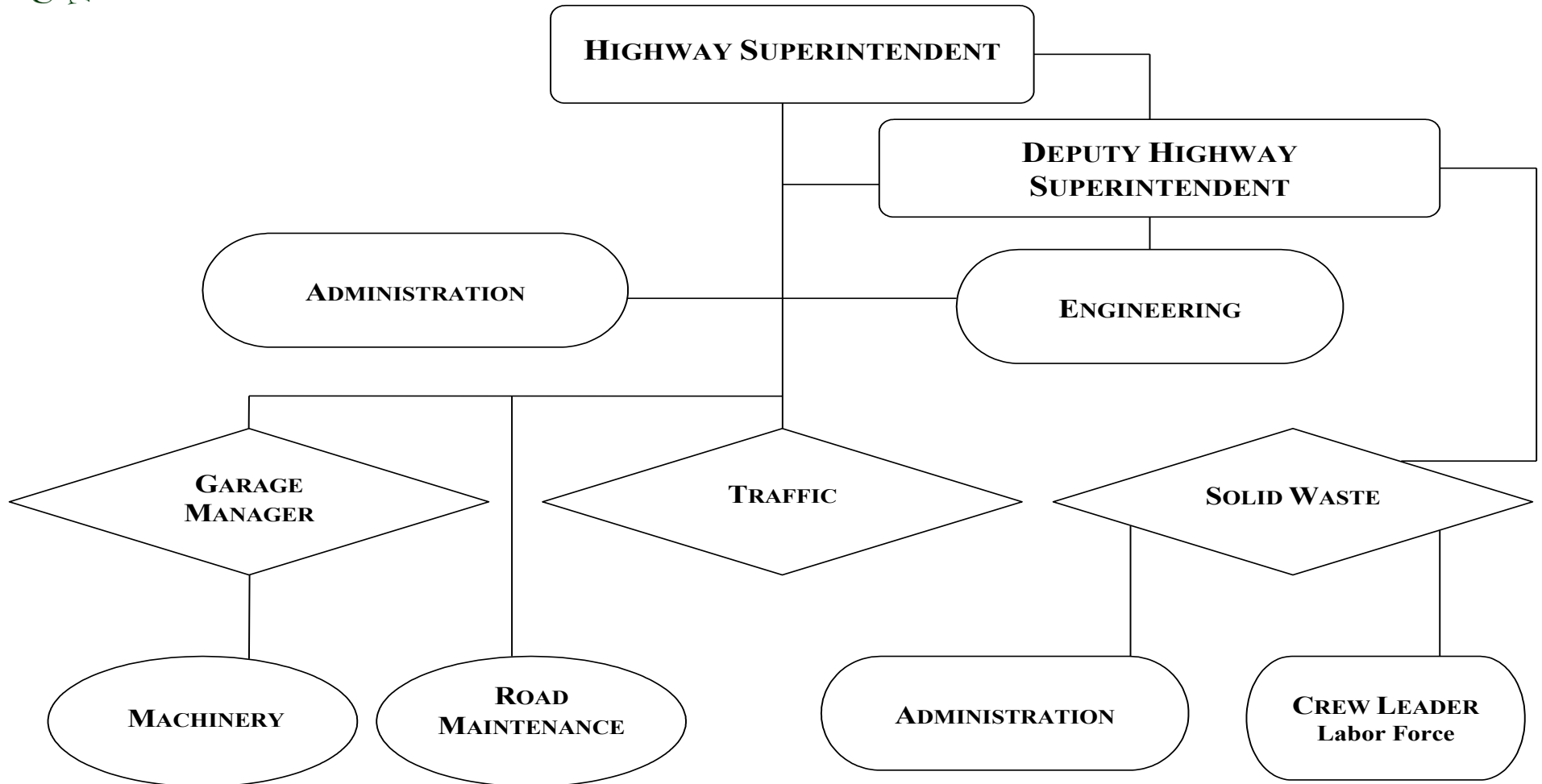


Mission Statement

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

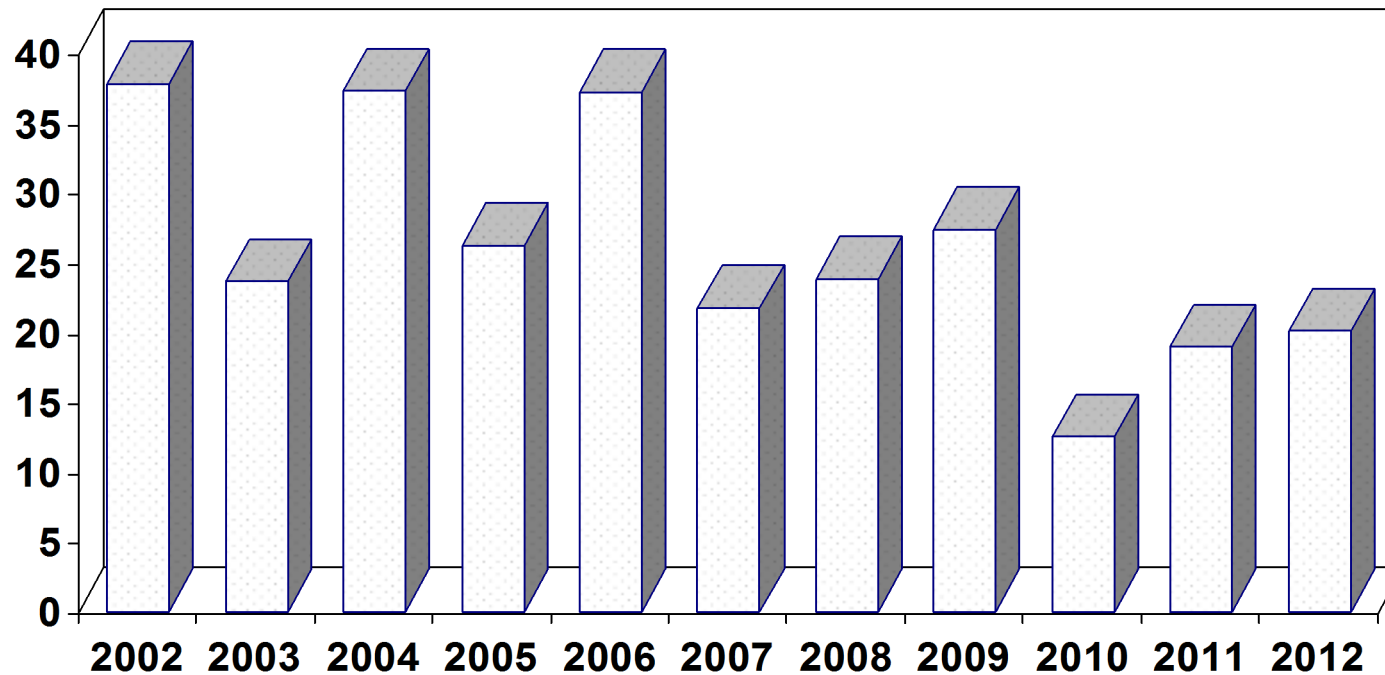
Mileage of each class of highway in Greene County is as follows:

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	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Asphalt Paving	24.07 mi.	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.
Motor Paving	13.76 mi.	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.
Chip Seal	0.00 mi.	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.
Nova Chipping	0.00 mi.	0.00 mi.	0.00 mi.	2.60 mi.	0.00 mi.	0.00 mi.	0.00 mi.	0.00 mi.	0.00 mi.	0.00 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.	0.00 mi.	2.58 mi.
Total Miles	37.83 mi.	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.

Eleven Year Pavement Treatment Summary



Total Number of Treated Miles Verses Calendar Year



Greene County Highway Dept.



2012 Quick Quote Asphalt Paving Contract & *the Actual Tonnage used.*

Road	Town	From	To	Road Width (feet)	Length (miles)	US Tons Actual
CR. 16	Hunter	Clum Hill Road.	Farrell Road.	20.0	1.43	2,433.45
CR. 19	Ashland / Windham	County Road 10.	Case Road.	20.0	1.30	1,954.02
CR. 23B	Catskill	County Road 47 @ Leeds Bridge.	Sunny Valley Road near Cairo / Catskill Town Line.	24.0	2.58	2,806.42
CR. 26	New Baltimore	Greenville / New Baltimore Town line.	New pavement @ Box 2192 (East of Honey Hollow Road.)	20.0	1.15	1,955.23
CR. 41	Cairo	South of Cr. 67. (Box 663 Vise)	Drake Hill Road.	20.0	2.04	2,831.79
CR. 45	Coxsackie	Sugar Loaf Road.	NYS Route 81.	20.0	0.71	1,099.51
CR. 49	Athens / Catskill	County Road 23B.	Buttermilk Falls Road.	20.0	2.20	3,213.76
CR. 49	Athens	County Road 49A.	End of Road @ Thruway ROW.	16.5	0.19	231.74
				Grand Total	11.60	16,525.92



Greene County Highway Department



- 2012 Chip Sealing - - Roads & Their Sections -

Road Name	Town	From	To	Road Width (Feet)	Length (miles)	Total yd2	Tons of 1A Stone	Gallons of Emulsion
CR. 02	Lexington	Barney Moore Road	Prattsville / Lexington Town Line	20.0	2.16	25,344.00	316.80	12,672.00
CR. 02	Lexington	North Beech Ridge Road	Falke Road (Double Chip Seal)	20.0	0.81	18,773.33	234.67	9,386.67
CR. 03	Halcott	Johnson Hollow Rd	End of Road (Double Chip Seal)	16.0	0.79	15,018.67	187.73	7,509.33
CR. 03	Lexington	County Road 02	End of Road	20.0	0.52	6,101.33	76.27	3,050.67
CR. 14	Jewett	Pangman Road	County Road 17	20.0	1.15	13,493.33	168.67	6,746.67
CR. 40	Windham	County Road 56	County Road 23C	19.0	1.95	21,736.00	271.70	10,868.00
CR. 77	Jewett	County Road 14	County Road 23C	20.0	1.14	13,376.00	167.20	6,688.00

Totals	8.52	1,423.03	56,921.33
---------------	-------------	-----------------	------------------

CRS-2P @ \$ 2.85 Per Gallon	= \$	162,225.80
Stone (1A's) @ \$ 11.00 per Ton	= \$	15,653.37
Total Projected Cost	= \$	177,879.17

2012 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	Engineering - Wilbur Smith Associates	Project 68	\$362,000.00
(Federal Aid)	ROW Incidentals - ROW Acquisitions		\$4,250.00
	Construction - Hudson Valley Bridge		\$1,837,482.00
	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	Engineering - Creighton Manning Eng. LLP	Project 69	\$247,000.00
(Federal Aid)	ROW Incidentals -		\$7,000.00
	ROW Acquisitions -		\$1,500.00
3-30330-0	Lakes Mills Road (CR 41) / Catskill Creek	(2011 & On Going)	
PIN 1756.43	Engineering - Barton & Loguidice, P.C.	Project 72	\$219,748.00
(Federal Aid)			
PIN 1039.52	Intersection Improvements at State Route 9W & 81	(2009 & On Going)	
(State Aid)	Engineering - M.J. Engineering	Project 67	\$262,200.00
	ROW Incidentals - M.J Engineering		\$20,000.00
	Construction Support / Inspection - M.J Engineering		\$19,200.00
PIN 1759.29	County Rails-To-Trails Economic Development	Project 73	
(Federal Aid)	and Tourism Study		
	Engineering - Elan, PLLC		\$117,900.000
3-30321-0	Jewett Heights Road (Cr. 17) / Batavia Kill	Project 76	
	Engineering Design & Construction Inspection Services -		
	Clark Patterson Lee Design Professionals		\$292,889.75
	ROW Incidentals -		\$23,110.25

2012 LOCAL FUNDED PROJECT SUMMARY

<u>BIN / CIN</u>	<u>PROJECT DESCRIPTION</u>	<u>FUND APPROPRIATION</u>	<u>CONTRACT COST</u>
	Mitigation on Embankment Slope Failures	D5112.2140	
	[Cr. 02, Cr. 06 Cr. 20, Cr. 30 & (2) Cr. 61]	ROAD CONSTRUCTION	
	Towns of Prattsville, Lexington, Durham, Catskill, & New Baltimore	(2010 and On Going)	
	Engineering Design & Construction Inspection Services –		
	Creighton Manning Engineering, LLP		\$110,900.00
	Large Culvert on County Road 23B, Cairo	D5110.4056	
	Engineering Design & Construction Inspection Services –	BRIDGES, GUIDERAILS, CULVERTS	
	Clark Patterson Lee Design Professionals & Construction Inspection Services	(2011 + 2012)	\$15,440.00
	Construction - Wm. J Keller & Sons, Corp.	D5112.2160	\$133,083.00
	Guide Rail - Litchko Construction Inc.	MISCELLANEOUS BRIDGES	\$3,480.00
	Paving - KCK Paving		\$7,770.00
	Materials - Varies		\$111,953.63

County Road 23B
During the Construction Phase.



2012 LOCAL FUNDED PROJECT SUMMARY

<u>BIN / CIN</u>	<u>PROJECT DESCRIPTION</u>	<u>FUND APPROPRIATION</u>	<u>CONTRACT COST</u>
3-30282-0	CR 47 Bridge / Kaaterskill Creek	D5112.2160	
	BRIDGE REHABILITATION (RED FLAG REPAIR)	MISCELLANEOUS BRIDGES	
	Engineering - Creighton Manning Engineering, LLP		\$25,000.00
	Construction - Wm. J Keller & Sons, Corp.		\$33,770.00
3-30282-0	CR 47 Bridge / Kaaterskill Creek	D5112.2160	
	SUPERSTRUCTURE REPLACEMENT	MISCELLANEOUS BRIDGES	
	Engineering - Creighton Manning Engineering, LLP		\$124,000.00
3-30299-0	CR 78 / East Kill (Colgate)	D5112.2160	
	BRIDGE REHABILITATION	MISCELLANEOUS BRIDGES	
	Engineering Design & Construction Inspection Services – Clark Patterson Lee Design Professionals		\$21,650.00
3-20130-0	Tumbleweed Road Bridge / West Kill	D5112.2160	
	Engineering Design & Construction Inspection Services – Clark Patterson Lee Design Professionals	MISCELLANEOUS BRIDGES	
			\$24,490.00
3-20117-0	Carr Road Bridge / Schoharie Creek	D5112.2160	
	BRIDGE REHABILITATION (RED FLAG REPAIR)	MISCELLANEOUS BRIDGES	
	Engineering - Creighton Manning Engineering, LLP	(Term Agreement - Spent to date)	\$3,103.00
	Construction - Advanced Enterprise, Inc.		\$13,400.00

2012 HURRICANE IRENE PROJECT SUMMARY

<u>BIN / CIN</u>	<u>PROJECT DESCRIPTION</u>	<u>FUND APPROPRIATION</u>	<u>CONTRACT COST</u>
3-20104-0 PW 5509	Benjamin Road Bridge / Stony Clove Creek BRIDGE REPLACEMENT	Project 74 (FEMA - 4020-DR-NY)	
	Engineering & Construction Inspection - CDM Smith Associates		\$81,500.00
	Construction - ING Civil, Inc.		\$644,054.11



***Benjamin Road Bridge
over the Stony Clove
Creek in the Town of
Hunter.***

2012 HURRICANE IRENE PROJECT SUMMARY

<u>BIN / CIN</u>	<u>PROJECT DESCRIPTION</u>	<u>FUND APPROPRIATION</u>	<u>CONTRACT COST</u>
3-20095-0 PW 2566	Elk Creek Road Bridge / Vly Creek BRIDGE REPLACEMENT	Project 74 (FEMA - 4020-DR-NY)	
	Engineering & Construction Inspection - Clark Patterson Lee Design Professionals		\$70,944.00
	Construction - Arold Construction Company		\$627,730.00



***Elk Creek Bridge over the Vly Creek in the
Town of Halcott.
Before and After***



2012 HURRICANE IRENE PROJECT SUMMARY

<u>BIN / CIN</u>	<u>PROJECT DESCRIPTION</u>	<u>FUND APPROPRIATION</u>	<u>CONTRACT COST</u>
3-30285-0 PW 2566	CR. 40 Bridge / Batavia Kill BRIDGE REPLACEMENT	Project 74 (FEMA - 4020-DR-NY)	
Engineering & Construction Inspection - Barton & Loguidice, P.C.			\$90,245.00
Construction - ING Civil, Inc.			\$805,500.00



***Cr. 40 Bridge over the Batavia Kill in the
Town of Windham.
Before, During Construction & After.***



2012 HURRICANE IRENE PROJECT SUMMARY

<u>BIN / CIN</u>	<u>PROJECT DESCRIPTION</u>	<u>FUND APPROPRIATION</u>	<u>CONTRACT COST</u>
3-20129-0 PW 3992	Auffarth Road Bridge / West Kill BRIDGE REPLACEMENT	Project 74 (FEMA - 4020-DR-NY)	
	Engineering & Construction Inspection - Creighton Manning Engineering, LLP		\$68,999.43
	Construction - Hudson Valley Bridge Construction, Inc.		\$471,345.58



***Auffarth Road Bridge over the West Kill
in the Town of Lexington.
Before & After.***



2012 HURRICANE IRENE PROJECT SUMMARY

<u>BIN / CIN</u>	<u>PROJECT DESCRIPTION</u>	<u>FUND APPROPRIATION</u>	<u>CONTRACT COST</u>
3-30306-0 PW 5495	CR 03 Bridge / Vly Creek BRIDGE REPLACEMENT	Project 74 (FEMA - 4020-DR-NY)	
Engineering & Construction Inspection - Clark Patterson Lee Design Professionals			\$72,750.00
Construction - A. Colarusso and Son, Inc.			\$790,506.68



***Cr. 03 Bridge over the Vly Creek in the
Town of Halcott.
Before & After.***



2012 HURRICANE IRENE PROJECT SUMMARY

BIN / CIN

PROJECT DESCRIPTION

FUND APPROPRIATION

CONTRACT COST

PW 4636 County Road 17 - Road Slide Repair Project

Engineering & Construction Inspection - Creighton Manning Engineering, LLP

Construction - Ketco, Inc.

Project 74

(FEMA - 4020-DR-NY)

\$92,999.51

\$1,109,763.52



***CR. 17 along the East Kill
in the Town of Jewett.
Before & After.***



2012 HURRICANE IRENE PROJECT SUMMARY

<u>BIN / CIN</u>	<u>PROJECT DESCRIPTION</u>	<u>FUND APPROPRIATION</u>	<u>CONTRACT COST</u>
PW 4636	CR 10 Large Culvert / Huntersfield Creek (Prattsville) CULVERT REPLACEMENT	Project 74 (FEMA - 4020-DR-NY)	
	Engineering & Construction Inspection - CDM Smith Associates		\$63,000.00
	Construction - ING Civil, Inc.		\$607,700.11



***CR. 10 Culvert over the Hunterfield
Creek in the Town of Prattsville.
Before & After.***



2012 HURRICANE IRENE PROJECT SUMMARY

BIN / CIN

PROJECT DESCRIPTION

FUND APPROPRIATION

CONTRACT COST

PW 7794 CR 10 Large Culvert / Sutton Hollow Creek (Ashland)

Project 74

CULVERT REPLACEMENT

(FEMA - 4020-DR-NY)

Engineering & Construction Inspection - CDM Smith Associates

\$39,000.00

Construction - Cobleskill Stone Products, Inc.

\$214,670.90



***Cr. 10 Culvert over the Sutton Hollow
Creek in the Town of Ashland.
Before & After.***



2012 HURRICANE IRENE PROJECT SUMMARY

BIN / CIN

PROJECT DESCRIPTION

FUND APPROPRIATION

CONTRACT COST

PW 6189 CR 23C Large Culvert / Tributary to the East Kill
CULVERT REPLACEMENT

Engineering & Construction Inspection - Barton & Loguidice, P.C.
Construction - James Maloy, Inc.

Project 74
(FEMA - 4020-DR-NY)

\$79,856.00

\$488,000.00



***Cr. 23C Culvert over the Tributary to the
East Kill in the Town of Jewett.
Before & After.***

2012 HURRICANE IRENE PROJECT SUMMARY

<u>BIN / CIN</u>	<u>PROJECT DESCRIPTION</u>	<u>FUND APPROPRIATION</u>	<u>CONTRACT COST</u>
PW 7635	County Road 83 - Slope Stabilization	Project 74	
Construction - Wm. Keller & Sons Construction Corp.-		(FEMA - 4020-DR-NY)	\$26,000.00
Materials - Cobleskill Stone Products			\$12,678.49



***Cr. 83 (Ski Bowl Road) - Slope Stabilization
Before & During.***



2012 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	Project 74 (FEMA - 4020-DR-NY)	
Engineering & Construction Inspection - Creighton Manning Engineering, LLP			\$80,500.00
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



2012 HURRICANE SANDY PROJECT SUMMARY

PW 342 County Forces	DEBRIS REMOVAL (COUNTY WIDE)	(FEMA - 4085-DR-NY)	\$30,541.25
PW 489 County Forces	EMERGENCY PROTECTIVE MEASURES (COUNTY WIDE)	(FEMA - 4085-DR-NY)	\$12,679.41

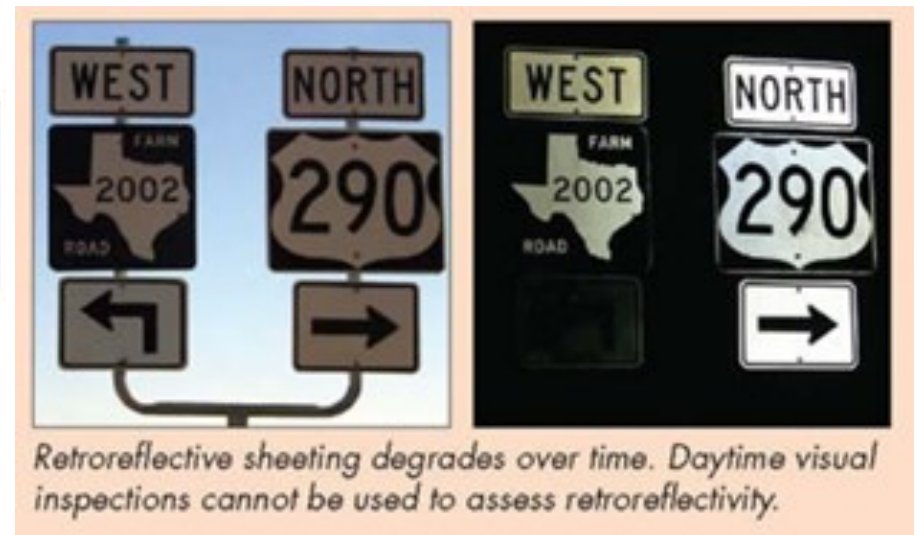
Greene County Sign Program

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 drivers 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.



2012 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 2012 four more county roads have had all new signs installed; for a total of 15 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 Sheetting 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; of which 143 new HIPM signs were installed. 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 2012, 350 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 201.90 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

FEMA	<i>Town & County Bridge and Rail</i>	D5112.2160 (misc. bridges)
PW 6002	County Road 16 Culvert - Shotcrete Repairs	\$26,550.00
PW 6649	Sunset Road Bridge - Shotcrete Repairs	\$21,240.00
PW 7680	Saybrook Valley Road Bridge - Shotcrete Repairs	\$33,276.00

APPLICATION OF SILANE PENETRATING SEALER (DECK SEALING)

<i>Town & County Bridge and Rail</i>	D5112.2160 (misc. bridges)
New Baltimore Road Bridge - New Baltimore	
County Road 79 Bridge - Windham	\$16,800.30
High Falls Road Ext. Bridge – Catskill	(Total Cost for Five Bridge decks)
County Road 57 – Coxsackie	
Mountain Turnpike - Catskill	

262.52 Miles of Roadway Maintained.

General Maintenance Including: Ditching, Tree removal & Trimming, Mowing, Removal of Brush / Debris.

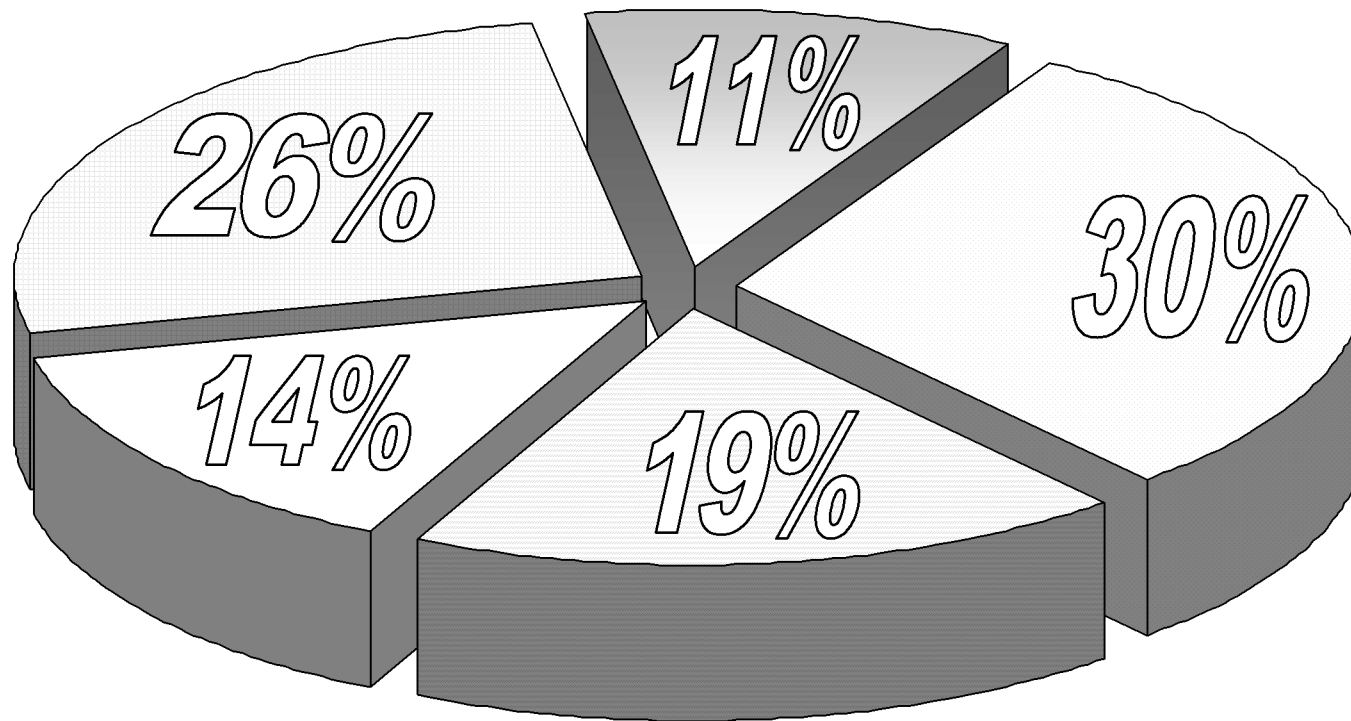
Maintained 135 Bridges within the NYS Computer Regulated “FLAG” System

Administered the “Petro-Vend” Automated Fueling Management System.



GREENE COUNTY

135 BRIDGES



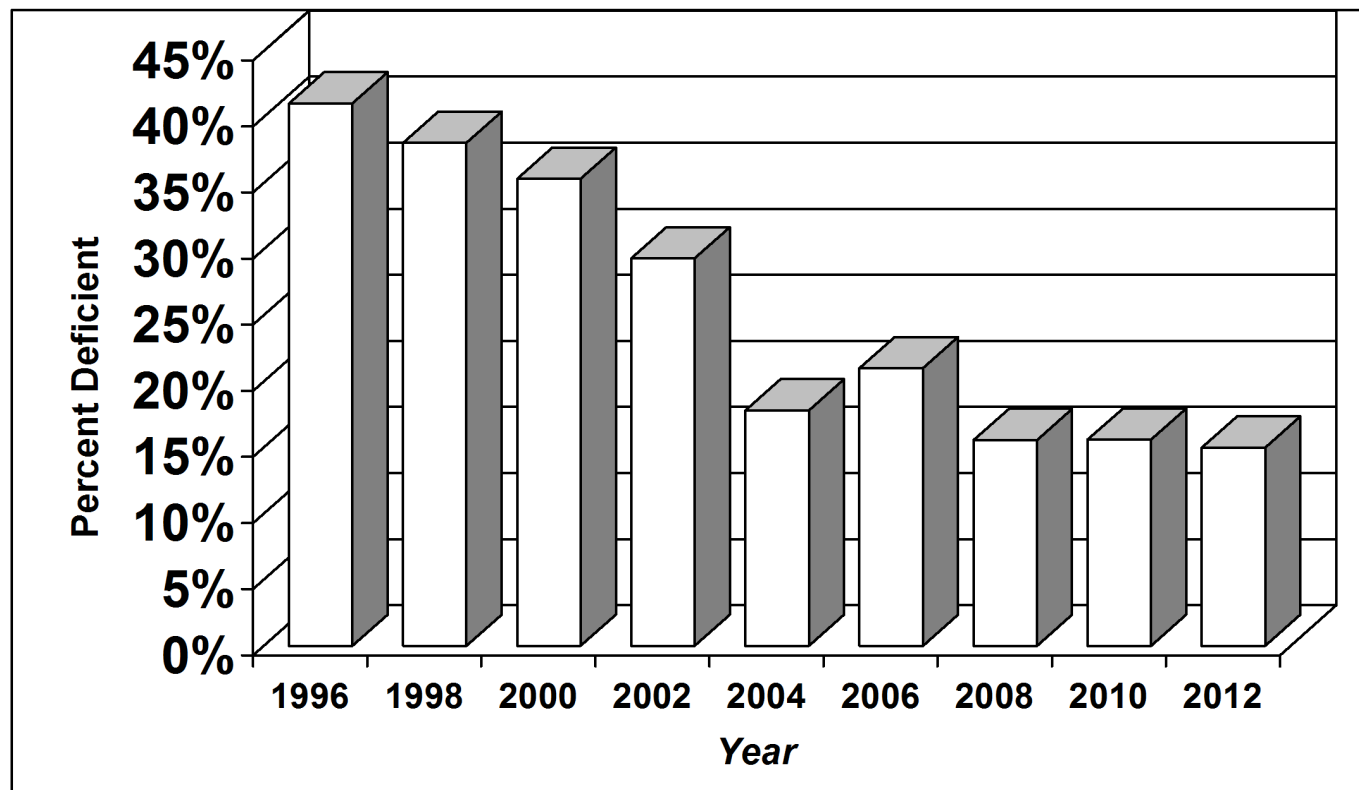
- ☐ Between 20 & 30 ft. = 11%
- ☐ Between 31 & 45 ft. = 30%
- ☐ Between 46 & 60 ft. = 19%
- ☐ Between 61 & 75 ft. = 14%
- ☐ Greater Than 75 ft. = 26%

2012 Bridge Length Inventory



Deficient Bridge Status History

From 1996 to 2012



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 18 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 updates the files in our Bridge Management database. In 2012, there were a total of 29 Structural Flags, 11 Yellow, and 12 Red.

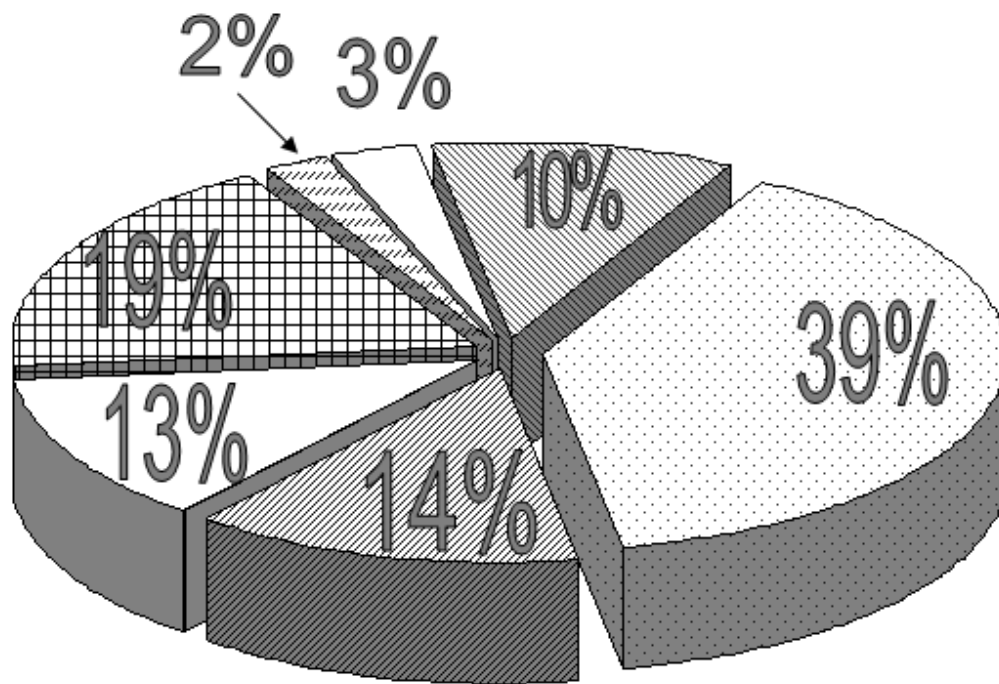
There were 6 Safety Flags issued in 2012. The table below indicates the number of Red and Yellow Flags received over the past thirteen years:

<u>YEAR</u>	<u>RED</u>	<u>YELLOW</u>
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
2002	4	16
2001	13	20
2000	4	10



2012 Fund Allocation

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



Engineering, Traffic Control & Admin.	10%
Road / Bridge Maintenance	39%
Road / Bridge Construction	14%
Snow / Ice Removal	13%
Machinery	19%
Employee Benefits & Services	2%
Serial Bonds	3%

Total Allocation: \$ 10,074,093.10

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 Ton pickup
06-04	06 Ford F250 3/4 Ton 4x4 Pickup	68-38	68 Rebuilt in '82 Oshkosh Truck	09-72	09 Int'l Tandem Snow Plow / Dump
01-05	01 Chevrolet S10 Pickup	39		73	
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 Flowboy	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
99-19	99 Dodge Ram 2500	53		00-87	00 Int'l Tractor /
85-20	85 Oshkosh Snow Plow	54		88-88	88 GMC 3/4 Ton Pickup
99-21	99 Dodge Ram 3/4 Ton Pickup 4x4	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 Waukesha Snow Plow
07-32	07 Int'l 7500 Dump Truck	01-66	01 Int'l Paystar	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 cyl. / 78 hp.	89-E68	John Deere 544E Loader 2.25 cy. / 115 hp.
99-E06	99 650 G Case 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
63-E15	63 Lincoln Welder	00-E85	00 Case 590 Super I Backhoe
00-E17	00 Caterpillar 938G Loader 145 hp.	01-E86	01 John Deere 4x4 624 Loader / 2.5 cy.
81-E22	81 Champion 715 Grader 150 hp.	01-E87	01 Ingersoll-Rand Roller DD110 / 120 hp.
00-E23	01 Ingersoll-Rand DD12 1/2 ton Roller / 16.5 hp.	00-E87F	00 Flow Boy Trailer
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 4cyl. / 86 hp.
04-E27	04 Stone Wolfpac 3100 Vibratory Roller / 18 hp.	98-E91	98 Vermeer 1230A Chipper 4 cyl. / 86 hp.
94-E28	94 John Deere 624 Loader 3.25 cy. 145 hp.	00-E92	00 Salsco Chipper / 4.21 cyl. Diesel
05-E29	Trailer	00-E93	00 Salsco Chipper / 4.21 cyl. Diesel
75-E31	75 Ingram 1/2 T Portable Tandem Roller 53 hp.	02-E96	Case 590 Backhoe 4cyl. / 99 hp.
67-E33	66 Sullivan Air Compressor 150 cfm.	79-E103	79 Caterpillar Wheel Loader 3.5 cy.
03-E35	03 Broce Broom RJ350 Street Sweeper 80 hp.	80-E108	80 Hauck Steam Culvert Thawer
67-E36	67 Galion 12 Tire Roller 12 ton	80-E109	80 Little Giant Sweeper (tow) 11.5 hp.
86-E42	86 Massey Ferguson Mower 65 hp.	83-E111	83 Sullair Air Comp. 68 hp., 185 cfm.
02-E44	02 John Deere Mower	88-E112	88 Sullivan Air Comp. 78 hp., 185 cfm.
91-E45	91 Rexworks SP-910B Roller 87 hp.	07-E115	07 Caterpillar Excavator Track
00-E46	John Deere 5310 Tractor Mower 55 hp.	89-E120	Caterpillar Grader 120 hp.
02-E48	00 John Deere Mower 5320	85-E200	Leeboy Asphalt Maintainer 65 hp.
85-E50	85 Massey Ferguson MF-50E Tractor Mower 65 hp.	84-E510	84 J.D. Backhoe/Loader 1.3 cy., 70 hp.
99-E53	99 Gradall G3WD / 8cy. / 190 hp.		
00-E55	00 Big Tex 6 Ton Trailer		



SOLID WASTE MANAGEMENT

Municipal Solid Waste and Construction & Demolition

2011

Year End	MSW	C&D	MSW+C&D
January	785.05	223.89	1,008.94
February	702.74	154.96	857.70
March	1,015.73	208.45	1,224.18
April	972.36	443.00	1,415.36
May	2,294.90	441.69	2,736.59
June	4,015.23	649.32	4,664.55
July	3,787.52	461.03	4,248.55
August	4,040.30	432.08	4,472.38
September	5,980.20	25.45	6,005.65
October	3,844.64	721.53	4,566.17
November	3,478.60	583.42	4,062.02
December	2,817.48	500.26	3,317.74
Total	33,734.75	4,845.08	38,579.83

2012

Year to Date	MSW	C&D	MSW+C&D
January	3,236.01	285.05	3,521.06
February	3,364.27	81.25	3,445.52
March	3,569.12	240.91	3,810.03
April	3,336.92	445.92	3,782.84
May	3,538.61	498.29	4,036.90
June	4,030.19	520.34	4,550.53
July	4,191.80	341.26	4,533.06
August	4,735.87	451.81	5,187.68
September	3,890.62	294.37	4,184.99
October	5,007.83	0.00	5,007.83
November	4,253.08	0.00	4,253.08
December	3,700.62	0.00	3,700.62
Total	46,854.94	3,159.20	50,014.14

Percentage of 2011 Total 129.64%



SOLID WASTE MANAGEMENT

HIGH VOLUME TONS

2012

December
YTD

PREVIOUS

36,122.37

MSW

2,938.45

C&D

15.18

TOTAL

2,953.63

YTD TOTAL

39,076.00

APPROXIMATE CUSTOMER COUNT

2012

January
February
March
April
May
June
July
August
September
October
November
December
Year to Date

WINDHAM

HUNTER

BOOTH

SCALE

COXSACKIE

Monthly Total

2,122

1,930

1,600

1,158

2,501

9311

1,919

1,619

1,500

1,244

2,343

8,625

2,119

2,008

1,689

1,556

3,407

10,779

2,089

2,146

2,159

1,666

2,835

10,895

2,296

2,293

2,421

1,446

3,164

11,620

2,608

2,584

1,802

1,125

3,250

11,369

2,833

3,177

2,009

1,062

2,988

12,069

2,864

2,277

1,880

1,411

2,605

11,037

2,473

2,213

1,680

1,245

2,887

10,498

2,202

2,316

1,712

1,358

2,572

10,160

2,070

2,165

1,622

1,215

2,499

9,571

2,190

2,025

1,729

782

2,565

9,291

27,785

26,753

21,803

15,268

33,616

125,225



SOLID WASTE MANAGEMENT

RECYCLABLES

2011

2012

Year End		Previous		Current		Year to Date	Percentage of
		Totals		Totals		Total Tons	2011 Total
Batteries	1.60	Batteries	4.46	0.00		4.46	278.75%
Cans	100.95	Cans	68.50	6.72		75.22	74.51%
Cardboard	285.18	Cardboard	319.59	53.81		373.40	130.93%
Electronics	71.73	Electronics	84.75	8.14		92.89	129.50%
Glass	123.56	Glass	152.95	35.30		188.25	152.36%
Metal	655.60	Metal	466.98	27.63		494.61	75.44%
Paper	207.32	Paper	320.24	30.67		350.91	169.26%
Plastic	70.50	Plastic	54.56	0.00		54.56	77.39%
Textiles	144.75	Textiles	90.86	4.50		95.36	65.88%
Tires	63.87	Tires	46.14	7.07		53.21	83.31%



2012 Solid Waste VEHICLES & EQUIPMENT LIST

ID. Num.

Description

VEHICLES

SW-2	2003	FORD	F350 MECHANICS TRUCK
SW-3	1989	INTERNATIONAL	ROLL OFF 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	2007	INTERNATIONAL	TRACTOR
SW-17	1979	OTTAWA	YARD TRACTOR
SW-18	1986	OTTAWA	YARD TRACTOR
SW-19	2000	CHEVROLET	LUMINA SEDAN
SW-49	1992	INTERNATIONAL	TRACTOR

TRAILERS

SWT-1	1985	GALBREATH	TRAILER 45EX250
SWT-9	2003	GALBREATH	TRIAXLE TILT TRAILER
SWT-10	2003	GALBREATH	TRIAXLE TILT TRAILER
SWT-18	1980	STECO	COMPACTOR TRAILER
SWT-20	1974	FRUEHAUF	SEMI BOX TRAILER
SWT-21	2004	SPEC TEC	COMPACTOR TRAILER
SWT-22	2004	SPEC TEC	COMPACTOR TRAILER

EQUIPMENT

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

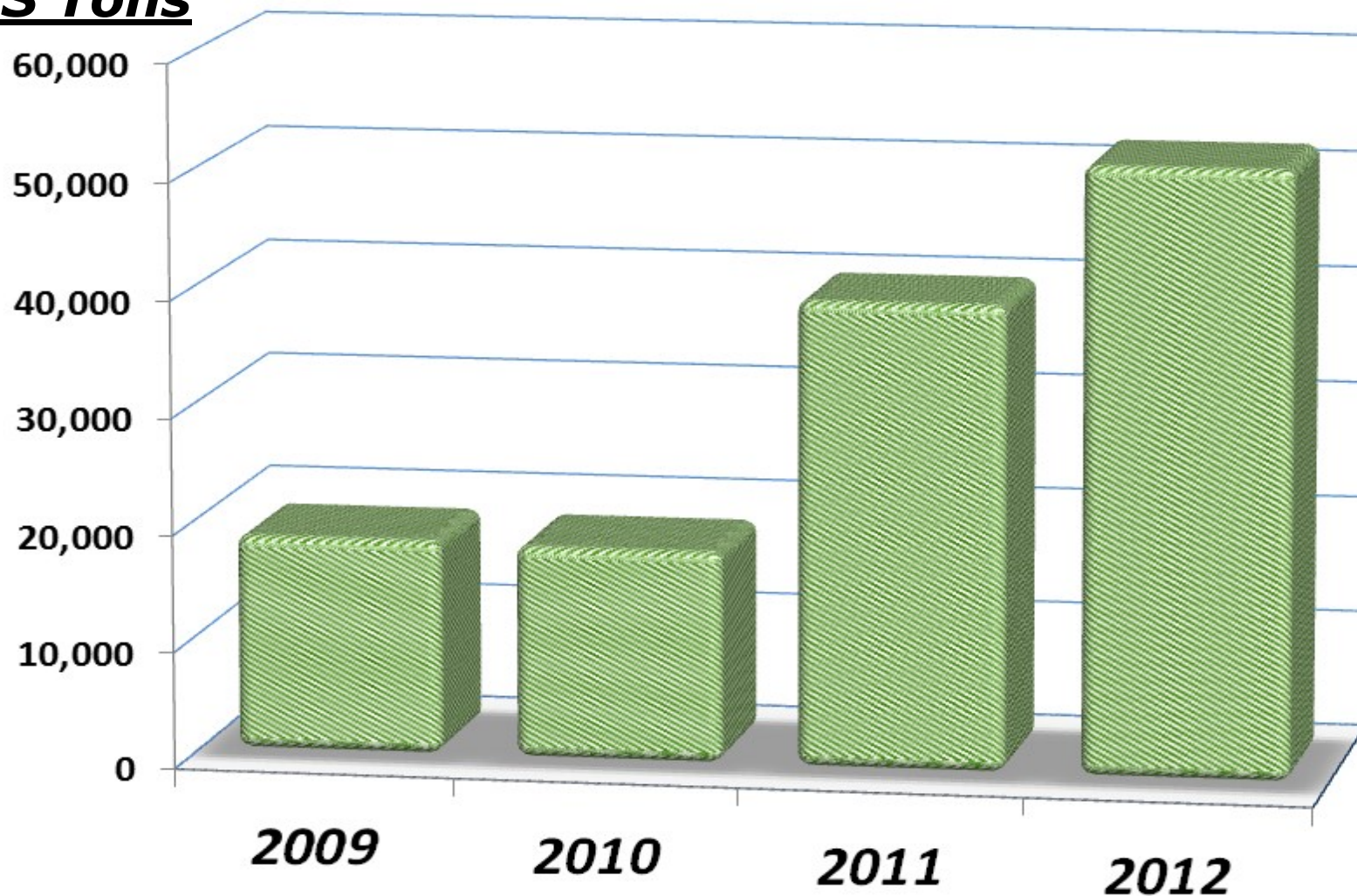
SWT-4	1984	ACCURATE	COMPACTOR TRAILER
SWT-15	1980	STECO	COMPACTOR TRAILER
SWT-16	1980	STECO	COMPACTOR TRAILER
No #	1970	FRUEHAUF	SEMI BOX TRAILER



SOLID WASTE MANAGEMENT

TOTAL VOLUME OF MUNICIPAL SOLID WASTE BY YEAR.

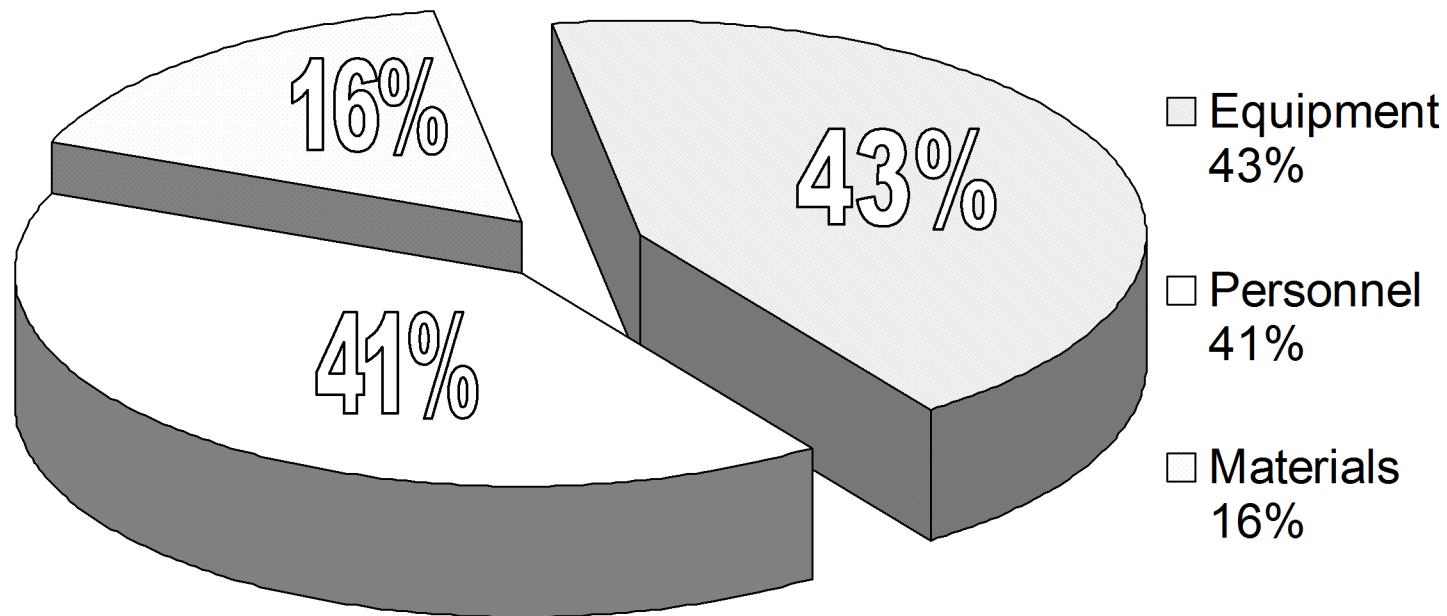
US Tons



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

2012 - Snow / Ice Removal

** Equipment * Personnel * Materials **



2012 Annual Total: \$1,294,291.74



2012 TRAINING and SEMINARS

DATE	EVENT	LOCATION	ATTENDEES	DEPARTMENT
January 17-19	NYSCHSA (Winter Conference)	Albany	Superintendent, Deputy Superintendent	Administration
March 7	Advocacy Day - Re: CHIPS, funding for roads & bridges	Albany	Superintendent	Administration
October 23-25	18 th Statewide Conference on Local Bridges	Syracuse	Superintendent, Sr. Engineering Technician	Administration / Engineering Division

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 March 18, 2013)

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

CATEGORY A: Debris Removal

Small Projects (under \$63,900)
Large Projects (\$63,900 and over)

PW NO. Ref #	BDL	CAT.	PROJECT SIZE	DAMAGED FACILITY	APPROVED PW AMOUNT	STATE & FEDERAL SHARES RECEIVED	INSURANCE PROCEEDS RECEIVED
1144 9903998	21	A	Small	Debris Removal - CR 79 over Batavia Kill	\$14,770.00	\$14,770.00	
1492 9903993	24	A	Small	Woody Debris - Cauterskill Creek, site 13	\$2,190.04	\$2,190.04	
1494 9903992	24	A	Small	Woody Debris - Cauterskill Creek, site 20	\$1,901.04	\$1,901.04	
1936 9903994	32	A	Small	Woody Debris - Catskill Creek, site 22	\$1,765.84	\$1,765.84	
4052 9903987	49	A	Large	Debris County Wide - Catskill	\$130,098.68	\$130,098.68	
4056 9903989	49	A	Large	Debris County Wide - Ashland	\$134,169.58	\$134,169.58	
4354 9903980	49	A	Small	Woody Debris Site #23 - Halcott (Biers)	\$38,038.00	\$38,038.00	
5518 99039B6	49	A	Small	Catskill Point Park	\$1,701.54	\$1,701.54	
4350 9903982	56	A	Small	Woody Debris Site #3 - Mill Hollow (Colarusso)	\$32,888.00	\$32,888.00	
5970 9903988	59	A	Small	Woody Debris Site #7 - Potter's Crossing	\$10,917.00	\$10,917.00	
6562 9903904	62	A	Small	Woody Debris Removal West of CR19, Brush and Tree Cleanup on CR23B Leeds and Various Locations in Ashland And Windham and CR65 Mulch Pile Cleanup	\$21,631.48	\$21,631.48	
7663 9903955	93	A	Small	CR13A Sand and Debris Cleanup from Roadway	\$8,521.45	\$8,521.45	
7855 9903945	97	A	Small	CR03 Creek Channel Parallel to Roadway (Evergreen)	\$8,182.12	\$8,182.12	
8305 99039H1	99	A	Small	CR01 & CR03 Woody Debris and Cleanup (Garfield)	\$6,065.17	\$6,065.17	

Total Category A: \$412,839.94 \$412,839.94

HURRICANE IRENE PROJECT SUMMARY

Emergency Work

Small Projects (under \$63,900)
Large Projects (\$63,900 and over)

CATEGORY B: Emergency Protective Measures

PW NO. Ref #	BDL	CAT.	PROJECT SIZE	DAMAGED FACILITY	APPROVED PW AMOUNT	STATE & FEDERAL SHARES RECEIVED	INSURANCE PROCEEDS RECEIVED
1298 9903916	13	B	Large	Bin 3-30294-0 CR06 / West Kill (Graff) - temporary bridge and traffic lights	\$133,808.63	\$97,680.30	N/A
2167 9903943	33	B	Small	CR 23C Large Culvert - temporary bridge	\$49,978.31	\$49,978.31	
3378 9903961	33	B	Small	Emergency Protective Measures / Sheriff	\$4,747.05	\$4,747.05	
3402 9903997	33	B	Small	BIN 3-20129-0 Auffarth Rd. / West Kill - temporary bridge	\$8,777.85	\$8,777.85	
3458 9903991	49	B	Large	Temporary Bridge - Benjamin (ING)	\$157,618.39	\$102,451.95	
5322 9903993	53	B	Large	Elk Creek Bridge - Temporary (ING Civil)	\$254,865.65	\$203,892.52	
4718 99039N3	60	B	Small	CR10 Bailey (County)	\$37,105.95	\$37,105.95	
5717 9903952	60	B	Small	Bush Road Bridge Disassemble (Colarusso)	\$43,536.49	\$43,536.49	
6403 9903978	62	B	Small	Emergency Protective Measures / Highway	\$43,083.48	\$43,083.48	

HURRICANE IRENE PROJECT SUMMARY

Emergency Work

Small Projects (under \$63,900)
Large Projects (\$63,900 and over)

CATEGORY B: Emergency Protective Measures

PW NO. Ref #	BDL	CAT.	PROJECT SIZE	DAMAGED FACILITY	APPROVED PW AMOUNT	STATE & FEDERAL SHARES RECEIVED	INSURANCE PROCEEDS RECEIVED
6714 9903998	62	B	Small	Bush Road Detour	\$27,992.32	\$27,992.32	
6658 9903923	65	B	Large	CR10 Big Pipe West of CR11 (Advanced and Colarusso)	\$181,848.68	\$154,571.38	
5560 99039B2	79	B	Small	Emergency Protective Measures / Cairo Office Building	\$13,250.92	\$13,250.92	
7557 99039S1	87	B	Small	Sheriff's Emergency Protective Measures	\$61,037.57	\$61,037.57	
7562 9903963	87	B	Small	Overtime Pay and Equipment - County Wide	\$62,597.30	\$62,597.30	
7591 9903964	102	B	Large	Emergency Protective Measures / Materials - County Wide	\$126,186.22	\$126,186.22	
8227 9903962	102	B	Large	Emergency Protective Measures - Mutual Aid	\$70,001.15	\$70,001.15	
8112 9903954	107	B	Large	CR03 Temporary Bridge	\$80,368.63	\$80,368.63	
8046 9903965	116	B	Large	Municipal Files and Documents	\$609,300.42	\$127,953.09	\$100,000.00
9128 9903971	122	B	Small	CR03 Temporary Access Roads, Detour and Road Closures Signs and Mechanic's Shop	\$36,187.50	\$36,187.50	

Total Category B: \$2,002,292.51 \$1,351,399.98 \$100,000.00

HURRICANE IRENE PROJECT SUMMARY

Permanent Work

Small Projects (under \$63,900)
Large Projects (\$63,900 and over)

CATEGORY C: Roads and Bridges

PW NO. Ref #	BDL	CAT.	PROJECT SIZE	DAMAGED FACILITY	APPROVED PW AMOUNT	STATE & FEDERAL SHARES RECEIVED	INSURANCE PROCEEDS RECEIVED
660 9903914	7	C	Small	CR 06 Road Embankment Repair	\$56,793.66	\$56,793.67	
630 9903913	8	C	Small	CR 06 #1667 Leptondale Gun Club and CR 06 near Tumbleweed	\$49,651.62	\$49,651.62	
1119 9903917	16	C	Small	CR 06 near #1518 Albino B & B	\$36,599.93	\$36,599.94	
1152 9903918	16	C	Small	CR 06 Higgins Bridge erosion	\$60,035.47	\$60,035.47	
1542 9903919	24	C	Small	Wright Rd. over Stony Clove - Scour	\$10,315.34	\$10,315.34	
1799 9903956	24	C	Large	CR 07 North of NYS 23 - eroded emb.	\$91,676.67	\$91,676.67	
2176 9903910	24	C	Large	BIN 3-20054-0 Case Road Bridge Damage	\$89,252.77	\$89,252.77	
1668 9903922	32	C	Small	BIN 3-30285-0 CR 40 / Batavia Kill Removal	\$29,612.01	\$29,612.01	
1817 9903921	32	C	Large	Bloomer Rd. over Gooseberry Creek	\$71,242.10	\$71,242.10	
2096 9903967	32	C	Small	CR 10 Culvert west of CR 19	\$54,934.01	\$54,934.01	
2187 9903940	32	C	Large	BIN 3-36358-0 CR 23C over East Kill	\$96,067.70	\$96,067.70	
1568 9903920	33	C	Large	BIN 3-30284-0 CR 21 Mitchell Hollow over Mad Brook	\$72,437.90	\$72,437.90	
2494 9903976	33	C	Small	South Beech Ridge Road (County Trucking and Materials)	\$6,005.13	\$6,005.13	
2496 9903975	33	C	Large	Falke Road - supplied material	\$68,936.17	\$68,936.17	
2522 9903930	33	C	Small	BIN 3-30312-0 CR 22 over Catskill Creek - scour	\$28,573.99	\$28,573.99	
3326 9903977	33	C	Small	CR 54 Ditches and Shoulders	\$20,852.78	\$20,852.78	

HURRICANE IRENE PROJECT SUMMARY

Permanent Work

CATEGORY C: Roads and Bridges

Small Projects (under \$63,900)
Large Projects (\$63,900 and over)

PW NO. Ref #	BDL	CAT.	PROJECT SIZE	DAMAGED FACILITY	APPROVED PW AMOUNT	STATE & FEDERAL SHARES RECEIVED	INSURANCE PROCEEDS RECEIVED
1021 9903915	44	C	Large	CR17 near Mill Hollow (Colarusso) - Amendment (see bundle 98)	\$236,381.39	\$236,381.40	
1687 9903956	44	C	Small	CR06 Advan Road Bridge and Wolf Road. Bridge (Keller)	\$12,516.57	\$12,516.57	
2566 9903992	44	C	Large	Elk Creek Bridge Replacement - Revised (see Bundle 100)	\$553,060.89		
3449 9903953	44	C	Large	CR02 South of NYS 23A (Evergreen)	\$207,717.22	\$207,717.22	
4470 9903903	49	C	Small	Slater Road Bridge and CR56 (Advanced)	\$22,604.63	\$22,604.63	
5087 9903933	49	C	Small	CR25 Washouts - Fastracs	\$29,274.25	\$29,274.25	
5737 9903944	60	C	Large	CR78 Jewett (Fastracs and County)	\$122,949.38	\$122,949.38	
5759 9903901	60	C	Large	CR65 & CR65A (Advanced & Peckham Road)	\$171,993.45	\$171,993.45	
6002 9903905	60	C	Small	CR16 Culvert near Byrne Road (TCBR)	\$36,508.61	\$36,508.61	
6405 9903957	60	C	Small	CR63 Washouts & Long Road Bridge (County)	\$8,910.10	\$8,910.10	
6457 9903908	60	C	Small	CR06 Scour and Slope Protection (Keller)	\$10,412.00	\$10,412.00	
6583 9903979	65	C	Small	CR06 near Kern's Manor (Keller)	\$39,468.45	\$39,468.45	
6650 9903951	65	C	Small	CR06 West of Baker Road (Keller)	\$33,880.65	\$33,880.65	
6790 9903999	67	C	Small	CR06 Between Auffarth and Mink Hollow Roads	\$5,340.46	\$5,340.46	
5986 9903902	74	C	Large	CR40 and CR56 Maplecrest (Advanced)	\$720,432.09	\$720,432.09	
6649 9903939	76	C	Small	Sunset Road Bridge - Undermined and Scoured Abutment	\$22,327.18	\$22,327.18	

HURRICANE IRENE PROJECT SUMMARY

Permanent Work

CATEGORY C: Roads and Bridges

Small Projects (under \$63,900)
Large Projects (\$63,900 and over)

PW NO. Ref #	BDL	CAT.	PROJECT SIZE	DAMAGED FACILITY	APPROVED PW AMOUNT	STATE & FEDERAL SHARES RECEIVED	INSURANCE PROCEEDS RECEIVED
7052 9903941	84	C	Large	CR23C Parker Mountain	\$119,107.05	\$119,107.05	
6657 9903959	87	C	Small	CR06 and Baker Road Bridge (Keller)	\$18,568.48	\$18,568.48	
7623 9903936	87	C	Small	CR18 Drainage Washout East of Osborne Road	\$6,167.04	\$6,167.04	
7635 9903970	87	C	Small	CR83 Eroded Embankment	\$51,530.51	\$51,530.51	
7671 9903927	87	C	Small	CR31 Scour	\$3,706.59	\$3,706.59	
7673 9903924	87	C	Small	Slope Failure Adjacent to CR18 Bridge	\$12,554.23	\$12,554.23	
7696 9903947	87	C	Small	Paving CR02 & CR03 Intersection + 900 LF CR03	\$23,733.52	\$23,733.52	
7698 9903929	87	C	Small	CR67 Road Shoulders	\$8,422.83	\$8,422.83	
7666 9903938	89	C	Small	Jansen Road over Stony Clove Creek Erosion	\$11,184.90	\$11,184.90	
7680 9903932	89	C	Small	Saybrook Valley Bridge Scour Repair	\$40,724.43	\$40,724.43	
7875 99039U2	89	C	Small	CR14 Culvert Cleanouts and Roadway Repairs	\$6,883.62	\$6,883.62	
7695 9903934	97	C	Small	BIN 3-20105-0 Diamond Notch Bridge Abutment and Approach Road Repair	\$6,799.93	\$6,799.93	
8105 99039F1	97	C	Small	CR57 Culvert (County)	\$6,262.37	\$6,262.37	
8202 9903911	97	C	Small	CR32C Shoulder Washout North of CR10	\$11,766.72	\$11,766.72	
1021 9903915	98	C	Large	CR17 near Mill Hollow (Colarusso) - Amendment (see bundle 44)	\$19,925.11	\$19,925.11	
7624 9903948	98	C	Small	CR02 & CR03 Various Locations, Prattsville	\$36,157.35	\$36,157.35	

HURRICANE IRENE PROJECT SUMMARY

Permanent Work

CATEGORY C: Roads and Bridges

Small Projects (under \$63,900)
Large Projects (\$63,900 and over)

PW NO. Ref #	BDL	CAT.	PROJECT SIZE	DAMAGED FACILITY	APPROVED PW AMOUNT	STATE & FEDERAL SHARES RECEIVED	INSURANCE PROCEEDS RECEIVED
7672 9903958	98	C	Large	CR17 Temporary Road near NYS23A	\$471,663.56	\$353,747.67	
7684 9903926	98	C	Large	CR02 Near Prattsville Bridge	\$216,746.05	\$2,167.47	
8091 9903937	98	C	Small	CR01 South of Silas Lake Road (Garfield)	\$43,180.61	\$43,180.61	
8266 9903942	98	C	Small	CR23C Culvert West of Boy Scout Road	\$5,728.52	\$5,728.52	
2566 9903992	100	C	Large	Elk Creek Bridge Replacement - Revised (see Bundle 44)	(\$36,999.00)		
8108 99039F2	102	C	Small	CR03 Between Mead and Hubbard Roads	\$32,984.18	\$32,984.18	
6601 9903907	116	C	Large	Guide Rail for Various Sites Damaged by Irene (Litchko)	\$111,840.20		
6189 99039J3	116	C	Large	CR23C Culvert (near 296) over Trib. To East Kill- Replacement	\$355,040.00		
7107 99039J5	116	C	Large	Bush Road Bridge Replacement	\$788,021.00		
6919 99039J4	116	C	Large	Mill Hollow (upper) over East Kill - Replacement	\$744,486.00		
3992 9903996	116	C	Large	Kirk Road over West Kill - Bridge Replacement	\$376,250.89		
7794 99039N1	116	C	Large	CR10 Culvert over Tributary (Ashland) Replacement	\$131,723.89		
6954 99039J2	116	C	Large	CR17 Roadway Washout, North of SR23A	\$1,326,866.00		
6695 99039J1	116	C	Large	CR40 (Maplecrest Road) over Batavia Kill - Bridge Replacement	\$693,356.00		
4636 9903998	122	C	Large	CR10 Culvert over Tributary (Prattsville) Replacement	\$353,572.89		

HURRICANE IRENE PROJECT SUMMARY

Permanent Work

CATEGORY C: Roads and Bridges

PW NO. Ref #	BDL	CAT.	PROJECT SIZE	DAMAGED FACILITY	APPROVED PW AMOUNT	STATE & FEDERAL SHARES RECEIVED	INSURANCE PROCEEDS RECEIVED
8614 99039J2	131	C	Large	CR17 Jewett Heights Bridge and Roadway South of Bridge	\$129,390.16	\$129,390.16	
5509 9903990	116	C	Large	Benjamin Road over Stony Clove Creek - Bridge Replacement	\$320,086.73		
5495 99039N2	116	C	Large	CR03 Mountain Road over Vly Creek - Bridge Replacement	\$507,353.89		
7241 9903906	131	C	Small	CR19 Culverts and Shoulder Washouts	\$8,963.47	\$8,963.47	
8727 9903912	131	C	Small	CR23C Multiple Sites	\$24,742.99	\$24,742.99	
9145 9903950	122	C	Large	Road Shoulders, Surface, Approach Ramp (25 Sites)	\$194,881.85	\$175,393.67	

Total Category C: \$10,260,139.13 \$3,683,497.13

CATEGORY D: Water Control Facilites

5978	120	D	Large	Batavia Kill Watershed (Clarence D Lane Park Dam)	\$1,445,512.00	\$1,387,691.52	
8852	111	D	Large	Batavia Kill Watershed (Mitchell Hollow Dam)	\$109,913.00	\$25,279.99	

Total Category D: \$1,555,425.00 \$1,412,971.51

HURRICANE IRENE PROJECT SUMMARY

Permanent Work

CATEGORY E: Buildings and Equipment

PW NO. Ref #	BDL	CAT.	PROJECT SIZE	DAMAGED FACILITY	APPROVED PW AMOUNT	STATE & FEDERAL SHARES RECEIVED	INSURANCE PROCEEDS RECEIVED
5355 99039B3	59	E	Small	Court House - Mechanical Repairs	\$1,181.32	\$1,181.32	
5475 99039B1	60	E	Small	Cairo Office Building Contents	\$4,780.07	\$4,780.07	
5445 99039B4	76	E	Small	Cairo Office Building Basement Flooding	\$3,531.10	\$3,531.10	
5453 99039B5	76	E	Small	Freight Master Museum at the Catskill Point	\$2,924.92	\$2,924.92	
7334 9903966	79	E	Small	Sheriff's Equipment	\$13,266.45	\$13,266.45	\$31,924.99
9138 9903969	127	E	Large	Greene County Highway Bldg.'s 1, 3 & 4 Contents	\$4,845.48	\$4,845.48	
99039B1		E	Large	Greene County Highway Building Repairs and Cleanup	\$392,064.99		

Total Category E: **\$422,594.33** **\$30,529.34** **\$31,924.99**

Total All Categories: **\$14,653,290.91** **\$6,891,237.90** **\$131,924.99**

Blue Book Bundles Received

Pending Eligibility (In Review)