Greene Co Legislature APR 17 2018 GOUNTY HIGHING I DEPARTMEN RECEIVED Greene Co Legislature APR 03 2018 RECEIVED Cauterskill Road Bridge over the Kaaterskill Creek.

CAEEN

SUMMARY SUBMITTAL LETTERS...... ROBERT VAN VALKENBURG ~ SUPERINTENDENT.

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DANIEL BURKHOLDER WINTER PHOTOGRAPHS



Greene County Highway and Solid Waste Department

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

Robert J. Van Valkenburg Superintendent Greene County Legislature 411 Main Street Catskill, N.Y. 12414

RE: 2017 Annual Report

Dear Legislators:

The following pages detail the work of the Highway and Solid Waste Department for 2017.

On the Highway side, we are responsible for maintenance of 262.5 centerline miles of roadway, including pavement, cross over pipes and roadside drainage ditches, shoulders, guiderail, mowing and tree removal in the right of way, as well as 135 bridges, over 15,000 signs, 184 culverts larger than 4 feet and hundreds of smaller culverts and pipes. As always, our employees have regularly gone beyond expectations to meet this immense responsibility and provide safe and efficient highway infrastructure to meet the needs of the travelling public.

Our main office and administrative staff is located in Catskill. For operations, the county is divided into four work areas, covered by facilities in Athens, Ashland, Freehold and Hunter. Our work force, including Administration, Engineering, Traffic, Road and Machinery staff totaled 57 employees with one budgeted vacancy. Training our staff for safety and productivity was a priority and many topics were covered both on site and through conferences and seminars as detailed in this report. Several key employees were nearing retirement in 2017. Replacing the experience and knowledge that is lost will be an important priority for the department and Greene County.

In 2017 we were again able to take full advantage of funding from the state funded Consolidated Highway Improvement (CHIPS), Extreme Weather Recovery and PAVE NY programs. Taken together, these reimbursement programs fund a significant portion of our paving program and increased from a total of \$1,852,938 in 2014 (prior to PAVE NY) to \$2,333,039 in 2017. This drove a corresponding increase in related county budget appropriations. However, revenues derived from these programs covered 81% of transportation improvements completed in 2017 with county taxes directly funding only 19%. Of course, any reduction in these state programs would have a significant impact on our paving program and our budget. This year we were able to overlay 19.50 miles of road with asphalt paving. This is a decrease of 1.1 miles of total miles treated or 5.3% less than 2016 primarily because money allocated to chip sealing, a much less costly surface treatment was redirected to asphalt paving in 2017. Hot mix paving this year required over 30,375 tons of asphalt compared to 27,000 tons in 2017. An increased budget appropriation for pavement marking allowed us to increase centerline marking by 11.58 miles or 5.6% and edge line marking by 91.54 miles or 51.54%.



Before a road can be paved, a significant amount of work is required, particularly drainage improvements, pipe replacements, tree trimming and then shoulder work after the paving is done. Realistically, asphalt pavements have approximately a 10 year life cycle before additional treatment is necessary. Therefore our goal is to address 10% of our system, or 26.2 miles each year. This is not possible with the current level of funding.

Given the high cost of construction and maintenance of major transportation infrastructure, the ability to access, utilize and properly administer Federal and State aid is critically important to our department. In 2017, we had a total of eight Federally and State Aided Projects in various phases from design, through construction and project closeout. Generally, these projects are funded by an 80% Federal share, 15% State share and 5% local Share. In two of the projects we are currently administering, the local share is being funded by other municipalities, a Town and a Village. The total value of the active phases of these projects exceeded 5.27 million dollars in 2017.

Under the County funded portion of our program two bridges and three large concrete culverts were replaced. Design work was advanced for three additional bridge replacements and two large culvert replacement projects at a current cost near \$576,502. We also worked with Buildings and Grounds and two of our prequalified contractors to achieve significant savings on the construction of the new Parking Lot F near the Crossroads Brewery. Over the years our strong bridge program has paid significant dividends. In 2017 the number of county bridges considered deficient was reduced from 21 to 16, or approximately 12% of the total. The term "deficient" does not mean that the bridges in this classification are unsafe, rather that the bridge is not functioning as it was originally designed. Of course, with 135 bridges in our system, this is an ongoing process. Even as structures are replaced or rehabilitated, others continue to deteriorate and become deficient.

During the winter months, snow and ice control dominates our operations. This is a highly visible and measurable service with high public expectations and is a significant focus of the department. Our costs are largely driven by the weather and like the winter season, spread over two budget years. Conditions were more seasonable in 2017 and unremarkable until March 14th when Winter Storm Stella impacted the area with a heavy snowfall in excess of 3 feet in most parts of the county. While we were able to manage the effects of the massive storm, it did result in a Federal disaster declaration. Preliminary costs for overtime, equipment, sand and salt used during the eligible period in excess of \$157,320 have been submitted to FEMA in anticipation of at least partial reimbursement. Our work force and supervisors efficiently handled these operations, working long hours, often in difficult conditions to provide the level of services expected by the travelling public and emergency responders. In 2017 we began a shift toward increased use of straight salt on appropriate plow runs. While the material cost for using straight salt is higher, that expense is offset on appropriate plow runs by reduced costs for labor and equipment and resulted in noticeably better road conditions. In August, we increased our salt requirement by 43%, to a total of 5,260 tons, switching five plow runs in the valley to straight salt and

increasing the percentage of salt added to abrasives on the mountain top. We continue to review the effectiveness of our salt and abrasives usage and further adjustments will be made next year.

After labor, our trucks and machinery are the most important and expensive asset required to accomplish our work. While our mechanics have done outstanding work on repairs and overhauls that extend the service life of our heavier vehicles, the deteriorating reliability and increasing age of the vehicles in our fleet, especially during snow and ice control or other emergency operations, had become a major concern. In 2017 we continued implementation of our Capital Improvement Plan. We were able to purchase and place into service two wheel loaders, one tractor with mowing equipment, two replacement mowers for existing tractors, one tandem truck with snow and ice equipment and four, 19,000 lb four wheel drive trucks with snow and ice equipment. Additionally, we were able to purchase two full size, four wheel drive trucks with snow and ice equipment in good condition from local municipalities as well as a new vacuum sweeper truck funded through grants from the Catskill Watershed Corporation and Soil and Water. This significant investment of \$1,026,123.20 has allowed us to address our most pressing and immediate concerns and greatly improved our snow and ice control capabilities. The addition of several new, electronically controlled sand/salt spreaders has enhanced our ability to convert from the use of abrasives to straight salt where appropriate. With the support of the Legislature, we are planning to continue to address our capital needs in 2018.

On the Solid Waste side, our staff continued to successfully meet the challenges of providing solid waste management and recycling services to our residents. The department again disposed of a record volume of waste. 59,770.96 tons of Municipal Solid Waste (MSW) and Construction and Demolition Debris (C&D) was processed through the transfer station system in 2017, compared to 58,038.32 in 2016, an increase of 1732.64 tons or approximately 3%. This compares with volumes of 54,822.37 tons in 2015, 51,407 tons in 2014, 50,122 tons in 2013, 50,014 tons in 2012 and 38,579 tons in 2011. This work was completed with a workforce of 17 full time employees the same number that we had in 2000, when we processed a total of 10,358 tons of MSW and C&D.

In 2017 we were able to begin implementation of our capital improvement program through purchase of a used Ottawa yard tractor, 10 used open top roll off containers of various sizes and a used Volvo road tractor, all in good condition and at a substantial savings over the cost of new equipment. Work began on the development of software to allow electronic processing of all transactions and eliminate paperwork now done manually at the stations. Implementation is scheduled for the second quarter of 2018. We also began work on a Request for Proposals for engineering work necessary to reconfigure the Transfer Stations at Hunter and Coxsackie to allow direct loading and shipment of waste in large transfer trailers from each site and provided information to Cornerstone Engineering for Ulster County's study on the feasibility of a multi-county solid waste authority. Community Service

workers continue to assist with cleanup and recyclable sorting at the stations and are provided by Social Services and the Probation Department. Inmates from the County Jail also assisted with cleanup at Catskill on a regular basis. A three year collective bargaining agreement was in place with Teamsters Local 294 for Solid Waste employees and will run through December 2019.

In June, we held our eleventh annual Household Hazardous Waste Collection event at the Highway Department facility in Athens, again utilizing the services of MXI Environmental for sorting, packaging, recycling and disposal of the waste. As in the past the public participation was very strong. Our costs are based on unit prices contracted for each of the various types of hazardous materials collected and are set under terms of a three year contract. The cost for this year's event was \$41,472 as compared to \$32,699.60 in 2016, reflecting even greater participation due to increased advertising and outreach efforts. The collection event is eligible for a 50% reimbursement under the NYS Household Hazardous Waste Assistance program. Our staff was assisted by the Highway and the Sheriff's Departments with each providing personnel and equipment for the event. The Emergency Services Department also provided assistance by notifying the public about the event.

2017 was the first year of a four year agreement with Seneca Meadows Inc. for solid waste transportation and disposal. This agreement also gives us the option of separating C&D for disposal at a lower cost landfill, providing a considerable savings. We also operated under a Disposal Agreement with County Waste Ulster LLC, to accept the MSW and C&D they collect locally, stabilizing the volume coming into our system. County Waste is the largest private hauler operating within the County and utilizes the Catskill Transfer Station for disposal along with several other high volume haulers.

Eleven different materials are accepted, processed and sent to markets for recycling. The department processed a total of 1675.67 tons of recyclables in 2017 compared to 1506.92 tons of recyclables in 2016, an increase of 168.75 tons or approximately 11%. Department staff are always reviewing markets with our recyclables brokers to obtain the best pricing for the products. Electronics are collected year round at all Transfer Stations at no charge to residents and transported to Catskill. They are then sorted, packed and loaded into trailers provided by the market. We collected 67.7 tons, equal to 5.5 tractor trailer loads in 2017.

The Needle Smart Initiative continues to be an important program and helps protect our staff by removing sharps from the solid waste stream. We continued our partnership with the Public Health Department on the Needle Smart Initiative, servicing eight kiosks located throughout the County where residents can drop off used sharps. In 2017 we collected and transported 2,395 pounds of used sharps which was an increase of 322 pounds over the amount collected in 2016. We continued to accept waste collected locally by Greenville and Halcott and provided recycling services for the towns of Cairo, Halcott, Greenville, Durham and New Baltimore. We also were able to assist



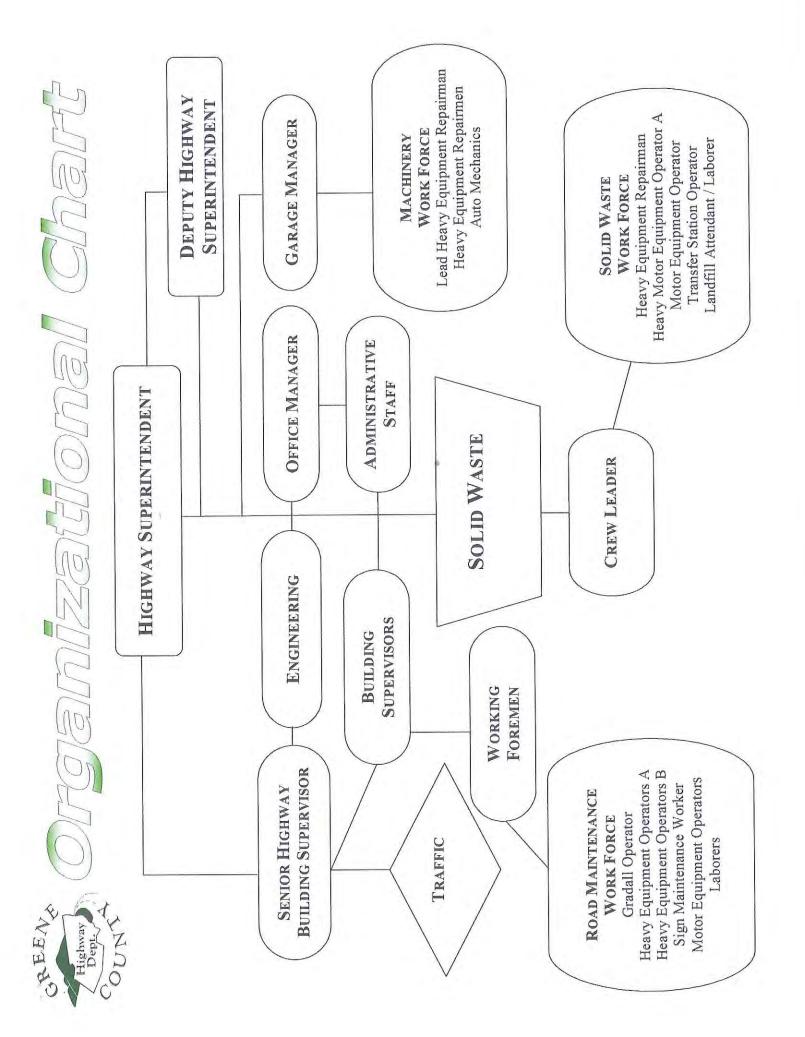
Mission Statement

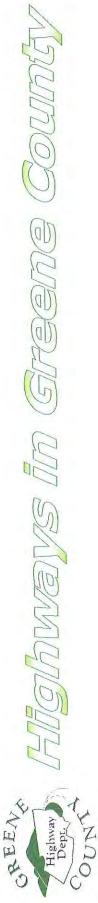
THE EFFICIENT AND SAFE USE OF THE TRAVELING PUBLIC. THE GREENE COUNTY HIGHWAY DEPARTMENT EXISTS TO AND BRIDGE INFRASTRUCTURE OF GREENE COUNTY, FOR EFFECTIVELY MAINTAIN AND IMPROVE THE HIGHWAY



Mission Statement

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





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

Class 1 – State Highways Class 2 – Controlled Access Class 3 – State Thruways Class 4 – County Roads County Roads Class 5- Town Roads	Class 1 – State Highways Class 2 – Controlled Access Highways Class 3 – State Thruways Class 4 – County Roads County Roads within Villages. Class 5- Town Roads	ıys illages.		220.88 miles 9.77 miles 23.83 miles 262.52 miles 3.70 miles 663.61 miles
	County Roads in Towns	County Roads in Villages	County Roads	Town Highway Total
Ashland	16.59	ł	16.59	17.99
Athens	11.97	2.75	14.72	31.67
Cairo	30.21	1	30.09	91.34
Catskill	18.68	ł	18.56	83.39
Coxsackie	17.73	0.56	18.29	49.42
Durham	22.67	1	22.67	80.02
Greenville	23.59	i	23.59	62.51
Halcott	7.16	1	7.16	16.34
Hunter	14.01	0.39	14.40	38.97
Jewett	23.88	i	23.88	39.07
Lexington		1	16.79	34.97
New Baltimore	23.83	1	23.83	63.18
Prattsville		1	12.62	18.91
Windham	19.07	i	19.07	35.83
	258.82	3.70	262.52	663.61



Pavement Condition Summary

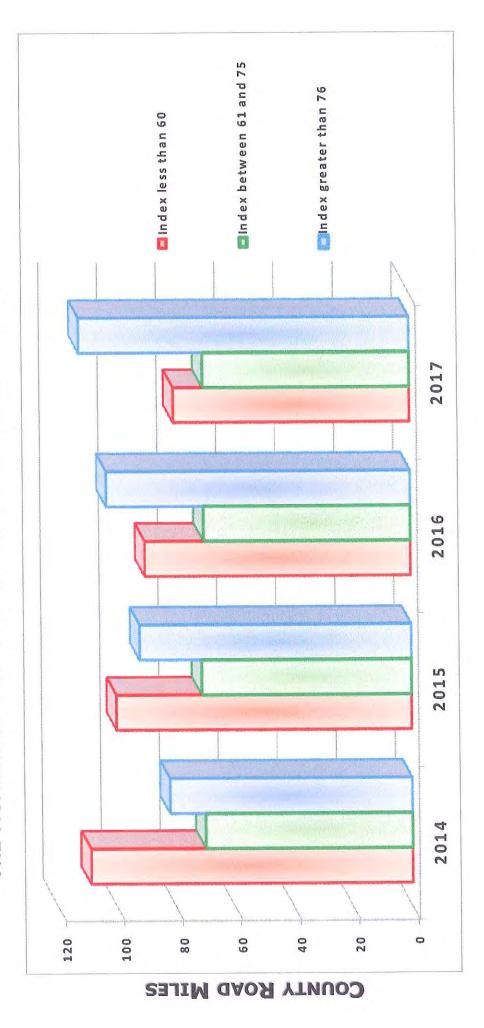
Pavement Condition Index, or also known as PCI, is the Value assigned to each road Section that indicates the road condition based on a 0 to 94 value system. Zero being the worst and 94 being the Best.

Total County Road Miles Total Number of Pavement Management Sections Average Length of each Section

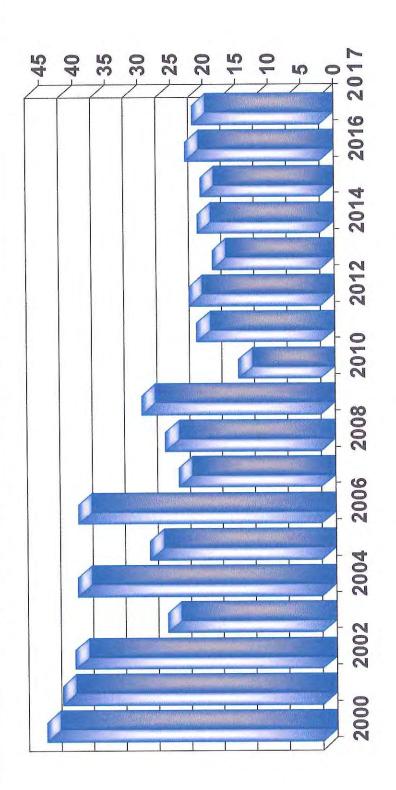
= 262.52 Miles = 306 Sections

= 0.89 Miles

THE NUMBER OF COUNTY ROAD MILES VERSES CALENDAR YEAR



Pavennent Treathnent Summingmy	Menn	HIL I	SEIGHT	JUE V	Sum	Minal	R
Treatment	2011		2012 2013 2014 2015 2016	2014	2015	2016	2017
Asphalt Paving 10.77 mi. 11.60 mi. 12.58 mi. 11.14 mi. 13.19 mi. 17.77 mi. 19.50 mi.	10.77 mi.	11.60 mi.	12,58 mi.	11.14 mi.	13.19 mi.	17.77 mi.	19.50 mi.
Motor Paving	0.00 mi.	0.00 mi.	0.00 mi.	0.00 mi.	1.10 mi.	0.00 mi, 0.00 mi, 0.00 mi, 0.00 mi, 1.10 mi, 2.84 mi, 0.00 mi.	0.00 mi.
Chip Seal	8.18 mi.	8.52 mi.	3.93 mi.	7.62 mi.	5.11 mi.	8.18 mi. 8.52 mi. 3.93 mi. 7.62 mi. 5.11 mi. 2.84 mi. 0.00 mi.	0.00 mi.
Nova Chipping	0.00 mi.	0.00 mi.	0.00 mi. 0.00 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, 2.58 mi, 2.10 mi, 0.00 mi, 0.00 mi, 0.00 mi, 0.00 mi.	0.00 mi.	2.58 mi.	2.10 mi.	0.00 mi.	0.00 mi.	0.00 mi.	0.00 mi.
Total Miles 18.97 mi. 20.12 mi. 16.51 mi. 18.76 mi. 18.3 mi. 20.61 mi. 19.50 mi.	18.97 mi.	20.12 mi.	16.51 mi.	18.76 mi.	18.3 mi.	20.61 mi.	19.50 mi.



Total Number of Treated Miles Verses Calendar Year



GREENE COUNTY HIGHWAY DEPARTMENT



2017 Quick Quote: Paving Contract

Road Name	Town	From	To	Road Width (feet)	Length (miles)	US Tons Estimated	US Tons Actual	Over / Under Tons
	Prattsville	State Route 23	Barney Moore Road	21.0	2.15	3,311.00	3,492.39	181.39
	Lexington	Shoemaker Road	Auffarth / Evergreen Road	21.0	1.81	2,787.40	2,968.26	180.86
	Prattsville	Dent Road	Stanley Slater Road	21.0	1.91	2,941.40	3,025.29	83.89
	Cairo	State Route 23	State Route 23	21.0	2.36	3,634.40	3,632.98	-1.42
	Durham	State Route 145	Bridge over the Catskill Creek	21.0	1.22	1,878.80	1,793.87	-84.93
	Lexington (Add-In Rd)	State Route 23A	Top of Hill (Maben Airport)	21.0	1.00	1,540.00	1,639.37	99.37
	Jewett	Natty Bumpo's Path	County Road 40	21.0	2.35	3,619.00	3,367.45	-251.55
	Cairo	County Road 24 - Cu Located 4,100-f	County Road 24 - Culvert (125-ft. x 25-ft.) Located 4,100-ft. East of CR 31	25.0	0.05	80.67	80.00	-0.67
-	Cairo	County Road 24	County Road 20	21.0	2.19	3,372.60	3,415.97	43.37
	Cairo	Binder Course along of County Road 31	Binder Course along reconstructed area of County Road 31 (sta 0+0.00 to sta 4+50)	24.0	0.08	202.75	111.05	-91.70
	Greenville	County Road 26	County Road 38	21.0	1.46	2,248.40	2,207.47	40.93
-	New Baltimore	County Road 26	Jennings Road	21.0	1.55	2,387.00	2,157.03	-229.97
	Athens	County Road 28	County Road 53	21.0	1.54	2,371.60	2,386.89	15.29
-			-	Grand	19.67	30,375.02		-336.83

Total

2017 FEDERAL & STATE AID PROJECT SUMMARY

PROJECT DESCRIPTION

FUND APPROPRIATION

Project 78 (2013 & On Going)

CONTRACT COST

BRIDGE PRESERVATION PROJECT BUNDLED

Brooksburgh Road (CR 65) Over the Batavia Kill

3-30288-0

Deans Mill Road Bridge (CR 27) Over the Catskill Creek 3-30310-0

Old State Route 23 (CR23B) Over the Catskill Creek 3-30356-0

Engineering - CDM Smith

ROW Incidentals - CDM Smith

(Federal Aid) PIN 1756.47

ROW Acquisitions - (2015)

Construction - Bette & Cringe, LLC.

Construction Inspection - Barton & Loguidice, D,P,C.

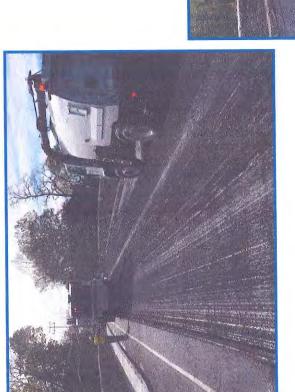
\$304,327.14 (Actual Cost)

\$40,965.96 (Actual Cost) \$2,250.00 (Actual Cost) \$1,780,658.43 (Contract Amount) \$230,500.00 (Contract Amount)









2017	2017 FEDERAL & STATE AID PROJECT SUMMARY	PRO PRO	JEGI	SUMMARY
BIN / PIN	PROJECT DESCRIPTION	FUND APPROPRIATION		CONTRACT COST
PIN 1124.41 (Federal Aid)	Palenville and Mansion Street Sidewalk Project Engineering - Creighton Manning Engineering, LLP Construction Inspection - Creighton Manning Engineering, LLP Construction - HMA Contracting Corp.	Project 89 ering, LLP	(2016 & On Going) \$100,500.00 (\$ \$564,019.90 (\$	6 & On Going) \$93,855.00 \$100,500.00 (\$10,000 State Drainage) \$564,019.90 (\$89,908.59 State Drainage)
BIN 3-30296-0 PIN 1760.21 (Federal Aid)	CR 06 Over the West Kill (3rd.) Bridge Replacement Engineering - Clark Patterson & Lee ROW Incidentals - Clark Patterson & Lee	Project 90	(2016 & On Going)	oing) \$261,500.00 \$26,000.00
PIN 1760.21 (Federal Aid)	CR 12 (South Street) Bicycle Lane Project Engineering - Barton & Loguidice, P.C. ROW Incidentals - Barton & Loguidice, P.C	Project 91	(2016 & On Going)	oing) \$244,932.00 \$49,136.00
PIN 1759.71 (Federal Aid)	Black Bridge Project / Catskill Creek Engineering - Creighton Manning Engineering, LLP Construction Inspection - Clark Patterson & Lee Construction - Harrison and Burrowes Bridge Constructors, Inc.	Project 85	(2014 & On Going)	\$335,622.06 (Actual Cost) \$224,000.00 \$2,382,874.78 (Actual Cost)

2017 FEDERAL & STATE AID PROJECT SUMMARY

BIN / PIN

PROJECT DESCRIPTION

FUND APPROPRIATION

CONTRACT COST

BIN 3-30328-0

CR 23B Over the Shingle Kill

Project 94 (2017 & On Going)

\$135,000.00

(Federal Aid)

PIN 1760.24

ROW Incidentals - Creighton Manning Engineering, LLP Engineering - Creighton Manning Engineering, LLP

\$16,960.00

PIN 1760.23

CR 83 Culvert and Pedestrian Bridge Engineering - CDM Smith (Federal Aid)

ROW Incidentals - CDM Smith

\$193,719.00

Project 93

(2017 & On Going)

\$14,962.00

BIN 3-20068-0

(Federal Aid)

Cauterskill Road Bridge / Kaaterskill Creek

ROW Incidentals - Barton & Loguidice, P.C. Engineering - Barton & Loguidice, P.C.

Construction Inspection - Clark Patterson Lee

Construction - New Century, LLC.

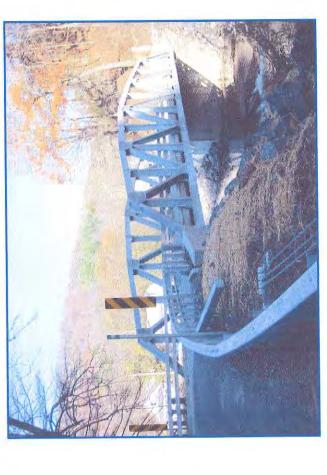
\$1,366.68 (Actual Cost) \$196,000.00

\$232,875.00 (Actual Cost)

(2014 & On Going)

Project 86

\$864,400.00



ZIC Z

PROJECT DESCRIPTION

CIN 02-02-266 LEX County Road 02 Culvert / Little West kill

MISCELLANEOUS BRIDGES Engineering Design & Construction Inspection Services -

Creighton Manning Engineering, LLP

Construction - A. Colarusso & Son, Inc.

I TID

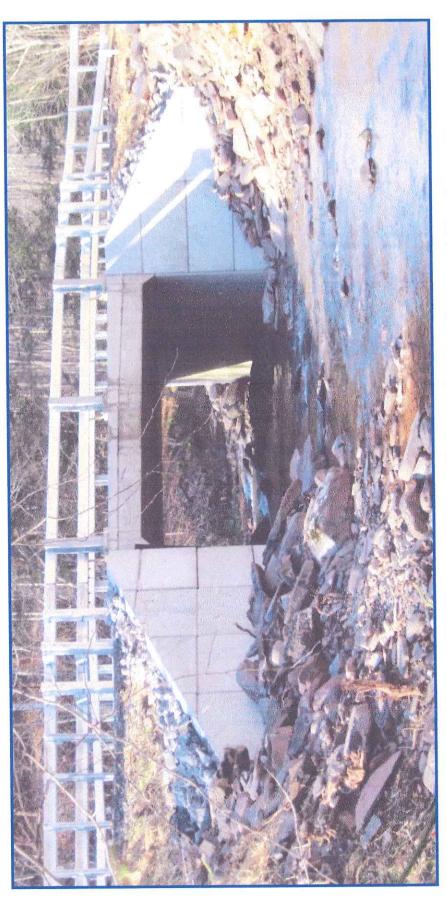
\$304,950.00 (Total Cost)

CONTRACT COST

FUND APPROPRIATION

D5112.2160

(Note: \$100,000 Stream Management Plan Implementation Project Funding through Soil & Water)



County Road 02 - Culvert In the Town of Lexington

BIN/CIN

PROJECT DESCRIPTION

FUND APPROPRIATION

CONTRACT COST

BIN 3-20110 Sunset Road Bridge / Kaaterskill Creek

Engineering Design & Construction Inspection Services – Creighton Manning Engineering, LLP

\$13,500.00

MISCELLANEOUS BRIDGES

D5112.2160

3-20089-0 Golden Hill Road Bridge / Thorp Creek

& CR. 41 Culvert Replacement

MISCELLANEOUS BRIDGES

D5112.2160

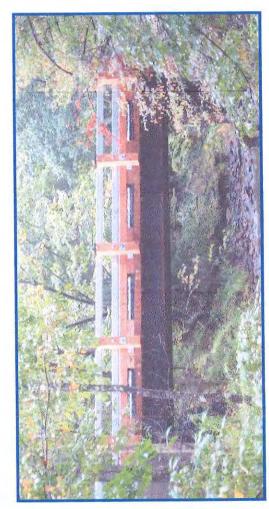
Engineering Design & Construction Inspection Services – Clark Patterson Lee Design Professionals

Construction (Golden Hill Road Bridge) - HVB Construction, Inc. Construction (County Road 41 Culvert) - HVB Construction, Inc.

\$30,390.00 \$47,100.00 \$103,900.00







Golden Hill Road Bridge - In the Town of Durham

CONTRACT COST

FUND APPROPRIATION

PROJECT DESCRIPTION

BIN/CIN	PROJECT DESCRIPTION	FUND APPROPRIATION	CONTRACICOS
3-20092-0	Hervey Street / Thorpe Creek Engineering Design & Construction Inspection Services – Barton and Loguidice, P.C.	D5112.2160 MISCELLANEOUS BRIDGES	\$18,940.00
3-20092-0	South Road Bridge / Glen Brook Engineering Design & Construction Inspection Services – Barton and Loguidice, P.C.	D5112.2160 MISCELLANEOUS BRIDGES	\$24,580.00
	Poplock Parking Lot Project Construction - HVB Construction Inc.	A1620 2600 BUILDING & GROUNDS	\$39,000.00
CIN 01-02-007 HAL West S Engine	West Settlement Road (CR. 01) / West Settlement Creek Engineering Design & Construction Inspection Services –	D5112.2160 MISCELLANEOUS BRIDGES	000000000000000000000000000000000000000

In the Town of Halcott CR. 01 Culvert

\$63,532.00 \$13,000.00

> Construction - A. Colarusso & Son, Inc. Creighton Manning Engineering, LLP

NO N

PROJECT DESCRIPTION

FUND APPROPRIATION

CONTRACT COST

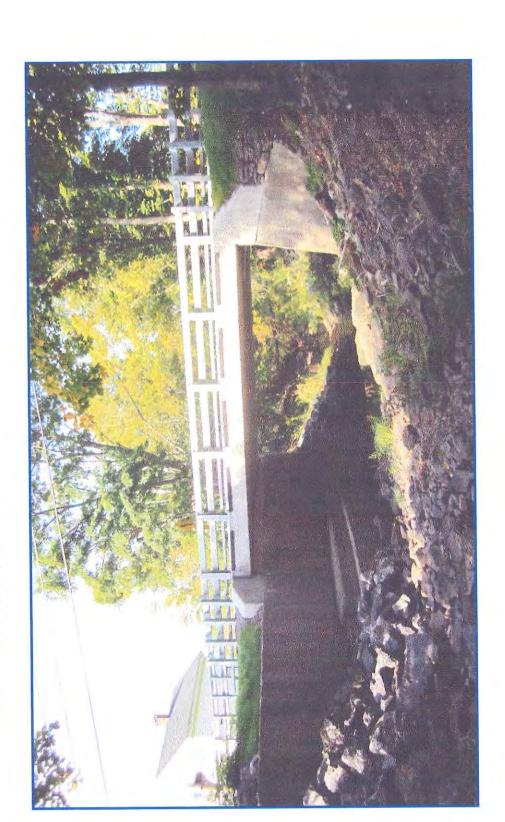
\$19,825.00

3-30284-0

Mitchell Hollow Road (CR 21) / Mad Brook
Engineering Design & Construction Inspection Services—
Barton & Loguidice, P.C.

Construction - Wm. J. Keller Construction Corp.

D5112.2160
MISCELLANEOUS BRIDGES



RESIDE COUNTRY IN-HOUSE

REPAIR PROJECTS

Town & County Bridge and Rail

D5112.2160 (misc. bridges)

County Road 41A Jerome Ave. - Shotcrete Repairs

\$17,550.00

APPLICATION OF SILANE PENETRATING SEALER (DECK SEALING)

Town & County Bridge and Rail

D5112.2160 (misc. bridges)

Poultney Bridge & Summit Ave. Bridge Sunside Road Bridge (Blackthorn Bridge)

\$8,930.00 \$14,499.50

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

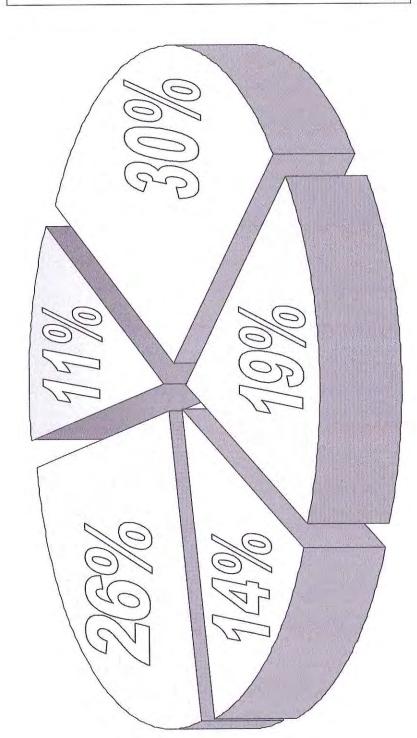
Administered the "Petro-Vend" Automated Fueling Management System.

The Sign Department is responsible for over 15,000 signs along with 223.83 miles of centerline striping, and 422.06 miles of edge line striping. With budgetary constraints, 218.12 miles of centerline and 269.14 miles of edge line was striped



TREENE COUNTY

135 BRIDGES



☐ Between 20 & 30 ft. = 11% ☐ Between 31 &

45 ft. = 30%

☐ Between 46 & 60 ft. = 19%

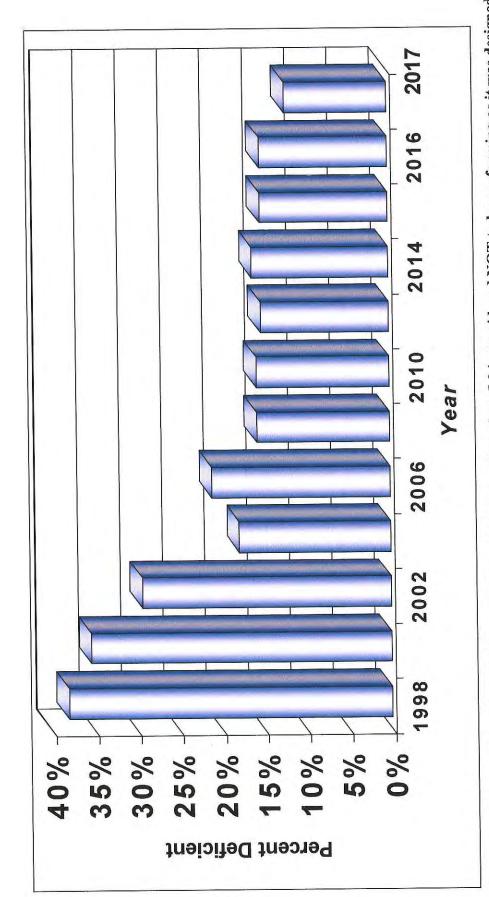
☐ Between 61 & 75 ft. = 14%

☐ Greater Than 75 ft. = 26%

2017 Bridge Inventoury by Length

Highway Dept.

Deficient Bridge Status History 19988 fo



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 16 County owned bridges that are rated less than 5.0, down from 21 bridges in 2016.



idde Structural Flagi

County's General Consultant Engineer, and subsequent repair plan formulated and submitted to New York State Department of information resulting from those bridge inspections. Red Structural Flags require immediate response in the form of a site inspection, by the 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" 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.

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 2017, there were a total of 11 Structural Flags, 9 Yellow, 1 Safety, and 1 Red

The table below indicates the number of Red and Yellow Flags received over the past thirteen years:

YEAR	RED	YELLOW
017	1	7
016	w	11
015	3	18
2014	9	14
013	10	19
2012	12	11
2011	M	23
2010		21
6000	10	23
2008	4	10
2007	2	90
5000		9
2005	4	6

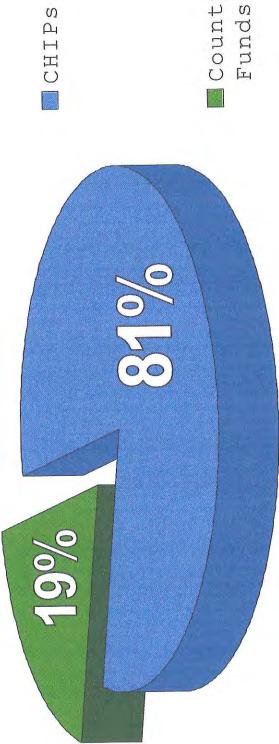
Where the Money Comes From

Greene County Funds



Consolidated Local Street and Highway Improvement Program - "CHIPs"

imbursement to local governments is to help aged during the winter season. Like CHIPS, it is a reimbursement grant for eligible costs of local highway and bridge projects and the State legislators enacted the "Extreme offset repair costs to roads and bridges dam-Winter Recovery Appropriations," (EWR) which we have received since 2013. This remoney is allocated via the CHIPS formula.



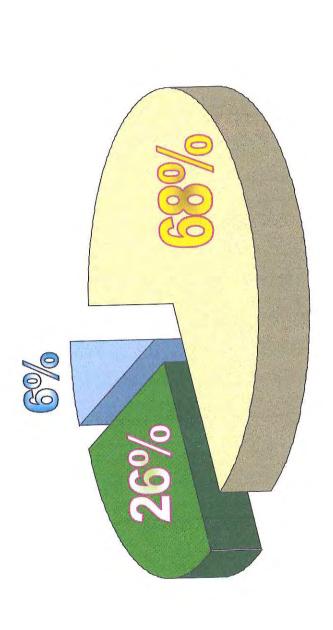
County

OF THE \$2,897,000.00 BUDGETED IN 2017 FOR TRANSPORTATION IMPROVEMENTS, \$2,333,038.56 OR \$1% WAS FUNDED THROUGH THE CHIPS, EWR, AND PAVENY PROGRAMS. ONLY \$563,961.14 WAS FUNDED BY COUNTY TAXPAYERS

2017 Annual Total: \$2,897,000.00

Where the Money Goes

Roads (262,5 Miles) * Bridges (135) * Culiverts (150)



Roads

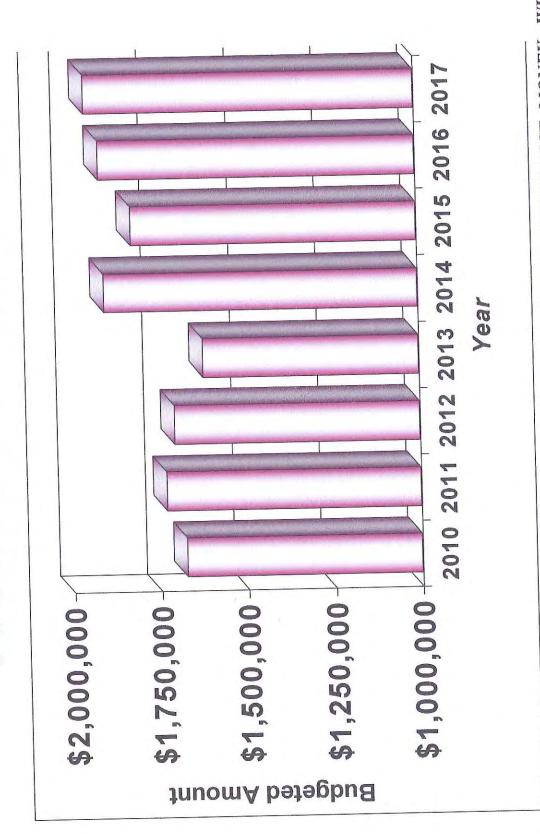
Bridges

Culverts

2017 Annual Budget: \$2,897,000.00

Annual Road Maintenance Money

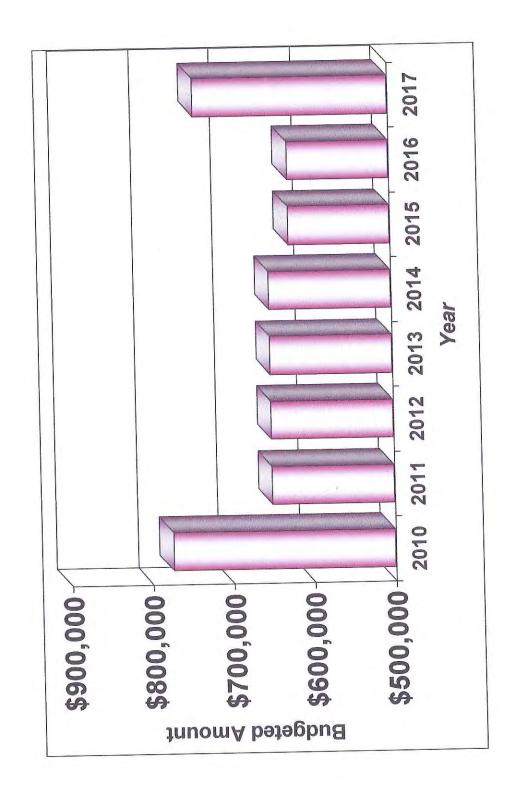




THIS GRAPH DOES NOT REFLECT CULVERT & GUIDERAIL MAINTENANCE MONEY, WHICH IS PROPORTIONED BETWEEN BRIDGES AND ROADS.

Annual Bridge Waintenance Money







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0
(5)

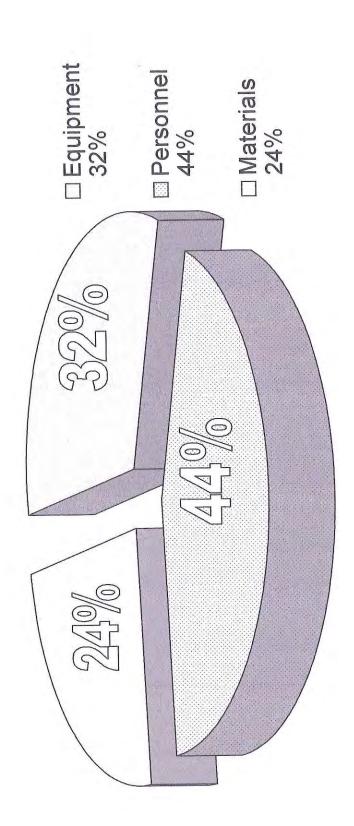
	1			
VEHICI E DESCRIPTION	ID. Num.	VEHICLE DESCRIPTION	ID. Num.	VEHICLE DESCRIPTION
	_	15 Ford F350 Crew Cab 1 Ton Pickup	02-67	02 Int'l Dump Truck
OS Leep Liberty	13-34	13 Ford F350 Pickup Crew Cab	02-68	02 Int'l Dump Landem Truck
16 Ford F250 3/4 Ton 4x4 Pickup	01-35	01 Ford F 450 XL Utility 1 Ton Truck	02-69	02 Ford F450 1 Ion Wistake Body
13 Ford F250 3/4 Ton 4x4 Pickup	98-00	00 GMC Sierra 1 Ton Utility Truck	06-70	06 Int'i Dump
15 Ford F250 3/4 Ton 4x4 Pickup	89-37	89 Oshkosh Dump Truck	7.1	
01 Dodge Durango Sport	16-38	16 Ford F350 Pickup Crew Cab	72	
16 Ford F250 3/4 Ton 4x4 Pickup	16-39	16 Ford F350 Pickup Crew Cab	10-73	10 Int'l Tandem Snow Plow / Durip
13 Ford F250 3/4 Ton 4x4 Pickup	88-40	88 Int'l Cab Chassis Stake Body Flat Bed	01-74	01 Chevrolet S-10 Pickup (Out of selvice)
15 Ford F250 3/4 Ton 4x4 Pickup	08-41	08 Int'l Tandem Dump Truck w/plow	(5)	C. St. of T. Co.
02 Chevrolet Pickup (Out of service)	00-42	00 Volvo Dump Truck	9/-90	Ub Ford Laurus
08 Dodge Durango	02-43	02 Int'l 4700 w/16' Flat Bed Rack I ruck	7 7	
14 Dodge Durango	83-44	83 Oshkosh Snow Plow	7 70	Or Johnson Swooper - Freightliner
04 Dodge 2500 3/4 ton 4x4 Pickup	07-45	07 Int'i 7500 Dump Truck	02-78	05 John Son Sweeper - Heighting
06 Ford F250 Pickup (Out of service)	87-46	87 Int'l Dump Truck (Parts Truck)	07-90	Of Fleightfiller 30-th Dagger Trick
01 Ford F550 Dump	03-47	02 Int'l Dump Truck	01-81	Of Int Altec + F 11 don!: Bucket flags
14 Dodge Durango	09-48	09 Ford F250 Pickup	01-82	Ut Sterling Eight Eagle Faverient Owcoper
08 Ford F250 3/4 Ton 4x4 Pickup	95-49	95 Int'l Dump w/plow model 4900	18-83	18 Freightliner Lymco Bluolin
04 Dodge 2500 3/4 ton 4x4 Pickup	86-50	86 Int'l Tractor	88-84	88 Ushkosh Landem Dump
04 Ford 550 Dump Truck	97-51	97 Oshkosh Snow Plow	00-85	00 Int'l Eagle Paystar In-Axie Dump Tluck
86 Ochkosh Snow Plow	95-52	95 Oshkosh Snow Plow	01-86	01 Int'l Eagle Paystar In-Axle Dump Truck
95 Chevrolet Tahoe (Out of service)	04-53	04 Mack Single Axel Dump	00-87	00 Int'l Tractor
92 Infernational Dump Truck	03-54	03 Int'l 7400 Dump	88	
18 Dodge Ram 5500 Dump Truck	90-55	90 Ford/Oshkosh 4x4 Snow Plow	68-00	00 Oshkosh Snow Plow w/spreader
01 Int'l Crew Cab Truck (Out of service)	91-56	91 Int'l Dump	88-90	88 Oshkosh Snow Plow w/spreader
01 Int'l Crew Cab Truck (Out of service)	98-57	98 Int'l Dump (Parts Truck)	91	
17 Dodge Ram 5500 Dump	17-58	17 Western Star Dump Truck w/plow	95	VI
17 Dodge Ram 5500 Dump	58-59	58 Oshkosh Snow Blower (Durham)	91-93	91 Int'l Dump Crew Cab (Water Truck)
01 Int'l 4700 Crew Cab Dump Truck	01-60	01 Int'l Dump	05-94	05 Int'l Paystar Dump I ruck W/plow
91 Int'l 4600 Crew Cab Dump Truck	01-61	01 Int'l Dump (Out of service)	95	
00 Ford Suburban Expedition	01-62	01 Int'l Dump (Parts Truck)	96	
92 Int'i Dump Truck	01-63	01 Int'l Dump	97	
03 Ford F350 4x4 Utility Service Truck	14-64	Freightliner Tandem Dump w/plow	88	
87 Oshkosh Snow Plow	96-65	96 Int'l Dump Truck	66	
07-32 07 Int'l 7500 Dump Truck	01-66	01 Int'l Paystar Plow	100	

SCRIPTION	
5	
Con Control	
6	
(65)	

89 John Deere 544E Loader 2.25 cy. / 115 hp. 98 Vermeer 1230A Chipper 4 cy. / 86 hp. 98 Vermeer 1230A Chipper 4 cy. / 86 hp. 01 Ingersoll-Rand Roller DD110 / 120 hp. 01 John Deere 4x4 624 Loader / 2.5 cy. 85 Leeboy Asphalt Maintainer 65 hp. 07 Caterpillar 314C Excavator Track 83 Sullair Air Comp. 68 hp., 185 cfm. 88 Sullair Air Comp. 78 hp., 185 cfm 02 Case 590 Backhoe 4cyl. / 99 hp. 00 Salsco Chipper / 4.21 cy. Diesel 00 Salsco Chipper / 4.21 cy. Diesel 01 Ingersoll-Rand 873 Bobcat 73 hp. 80 Hauck Steam Culvert Thawer 94 Gradall XL-4100 8 cy. / 145 hp. Z 89 Caterpillar Grader 120 hp. 00 Case 590 Super L Backhoe 93 Morbark 290 Eagle Chipper 00 Talbert 35 Ton Trailer 00 Big Tex 6 Ton Trailer 00 Big Tex 6 Ton Trailer 95 Gradall Excavator 97 Gradall Excavator 98 Miller Welder 85-E200 07-E115 83-E111 89-E120 88-E112 80-E108 02-E96 00-E93 00-E92 00-E87T 98-E88 98-E90 98-E91 00-E85 01-E87 01-E70 01-E86 93-E81 89-E68 94-E74 D. Num. 97-E54 95-E55 00-E56 00-E57 02 John Deere 5320 Diesel Tractor Mower 4 cy 00 Ingersoll-Rand DD12 1/2 ton Roller / 16.5 hp. 00 Ingersoll-Rand DD12 1/2 ton Roller / 16.5 hp. 01 Stone Wolfpac 2500 Vibratory Roller / 18 hp. 04 Stone Wolfpac 3100 Vibratory Roller / 18 hp. 03 Broce Broom RJ350 Street Sweeper 80 hp. 81 Power Pack 605 Road Widener 3 cy. / 18 hp. 15 John Deere 5085M Tractor / Flail Mower 02 John Deere 5320 Diesel Tractor Mower 99 Caterpillar 938G Loader 3 cu. yd. / 145 hp 00 John Deere 5310 Tractor Mower 55 hp. 94 John Deere 624 Loader 3.25 cy. 145 hp. 97 Ford 555 Backhoe / Loader 1cy. / 65 hp. John Deere Tractor / Boom Flail Mower DESCRIPTION 91 Rexworks SP-910B Roller 87 hp. 99 Gradall G3WD / 8cy. / 190 hp. 00 Caterpillar 938G Loader 145 hp. 99 Case 650G Dozer, 80 hp. 2.2cy 20 Ton Tagalong Trail King Trailer 81 Champion 715 Grader 150 hp. 00 Big Tex 5 Ton Trailer 88 Mastercraft Forklift 63 Lincoln Welder 05 Brim Trailer 01-E48 91-E45 99-E53 15-E40 02-E44 00-E46 03-E35 94-E28 05-E39 05-E29 04-E27 00-E25 01-E26 63-E15 00-E17 00-E23 00-E24 ID. Num. 99-E12 88-E16 81-E22 99-E07 97-E09 99-E06 81-E02

2017 - Snow / Ide Removal

* Equipment * Personnel * Materials *



2017 Annual Budgeted Total: \$1,731,820.00



TO MASHE MANAGEMIEN

Municipal Solid Waste and Construction & Demolition

2016

2017

	MSW and C&D		MSW and C&D
January	3,981.71	January	4,099.58
February	3,967.40	February	3,675.01
March	4,464.13	March	4,657.31
April	4,716.22	April	4,491.72
May	4,694.54	Мау	4,889.24
June	5,471.08	June	6,393.39
July	5,402.05	July	5,326.29
August	5,867.03	August	5,084.35
September	5,376.80	September	6,121.05
October	4,850.31	October	5,096.25
November	4,897.78	November	4,635.08
December	4,349.27	December	5,301.69
Total	58,038.32	Total	59,770.96

102.99%

Percentage of 2016 Total

Greene County

HIGH VOLUME TONS

Weste Monodemens

solid

PREVIOUS 42,860.53

December

ATD

2017

3,160.17 MSM

APPROXIMATE CUSTOMER COUNT

3,472.60 TOTAL

312.43

C&D

YTD TOTAL 46,333.13 Monthly Total

10,413

8,967

January February March April June May July

August

October

December

2016

September

November

Year to Date

147,974

11,594

12,086

WINDHAM	HUNTER	ВООТН	SCALE	COXSACKIE
2,401	2,223	1,505	1,377	2,907
1,848	1,882	1,354	1,281	2,602
1,634	1,821	1,538	1,430	2,477
2,120	2,188	3,158	1,825	3,246
2,004	2,287	3,028	1,776	3,263
2,298	2,561	3,903	1,994	3,302
2,516	3,642	3,733	1,925	3,452
2,631	3,657	3,433	1,905	3,482
2.148	3,378	2,836	1,849	3,062
2.584	3,311	2,687	1,876	2,954
1.906	2,544	2,218	1,639	3,287
2,372	2,588	2,465	1,425	3,236
26,462	32,082	31,858	20,302	37,270

15,268

14,058

12,358

12,537

8,900

15,108

13,273

13,412



SOLTO WASTIE

RECYCLABLES SHIPPED

2017

Percentage of 2016 Total 102.18% 159.22% 100.37% 210.31% 81.97% 78.64% 99.79% Total Tons 660.50 302.28 254.47 179.84 67.35 84.04 6.23 Current Totals 46.73 38.82 11.82 14.94 0.00 2.79 0.00 Previous Totals 621.68 255.55 179.84 239.53 64.56 72.22 6.23 Electronics Cardboard Batteries Metal Paper Glass Cans 143.73 228.68 159.82 658.07 84.22 65.91 7.60

Electronics

Cardboard

Batteries

Cans

103.28%

47.25

3.00

44.25

Textiles

45.75

Textiles

36.61%

16.44

0.00

16.44

Plastic

44.91

Plastic

Metal

Glass

Paper

118.43%

73.65

0.00

73.65

Tires

62.19

Tires



Solld Waste 14 DUG

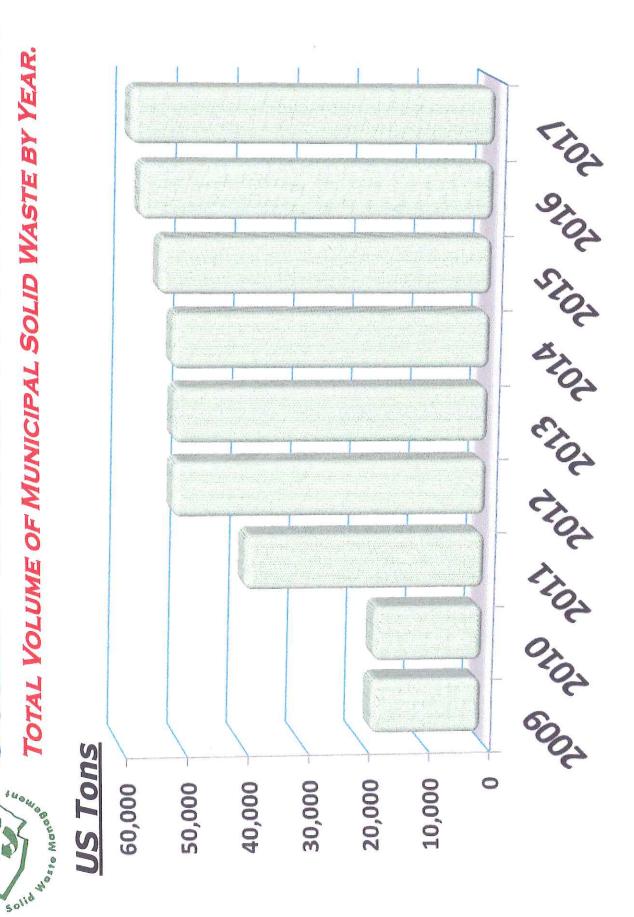
The Manage Manage					
VEHICLES	ID. Num.		Description	=	
	SW-2	2003	FORD		F350 MECHANICS TRUCK
	SW-3	2018	DODGE		1500 PICKUP
	SW4	2001	INTERNATIONAL		CREW CAB DUMP
	SW-5	2007	CHEVROLET		VAN
	SW-9	1996	MACK		TRACTOR
	SW-10	1996	MACK		TRACTOR
	SW-12	2004	INTERNATIONAL		BOX TRUCK
	SW-13	2004	INTERNATIONAL		ROLL OFF TRUCK
	SW-16	2007	INTERNATIONAL		TRACTOR
	SW-17	1979	OTTAWA		YARD TRACTOR
	SW-18	1986	OTTAWA		YARD TRACTOR
	SW-19	2008	OTTAWA		YARD TRACTOR
	SW-20	2013	VOLVO		TRACTOR
	SW-49	1992	INTERNATIONAL		TRACTOR
TRAILERS					1
	SWT-9	2003			IRIAXLE IILI IRAILER
	SWT-10	2003	GALBREATH		TRIAXLE TILT I RAILER

	6-TWS	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-863	2003	BOB CAT	SKID STEER LOADER
	SW-510B	1984	JOHN DEERE	BACKHOE
	SW-416E	2007	CATERPILLAR	BACKHOE
	SW-416E1	2008	CATERPILLAR	BACKHOE
	SW-92	2000	YALE	FORK TRUCK
	SW-914 K	2016	CATERPILLAR	LOADER
STORAGE CONTAINERS	NTAINERS			
	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#	1989	STRICK	BOX TRAILER
	No #	1992	STRICK	BOX TRAILER

Greene County

TO MASTE MANAGEMEN





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

Highway 2017 TRAINING and SEMINARS



DATE	EVENT	LOCATION	ATTENDEES	DEPARTMENT
January 6	Game of Logging (Chainsaw Safety Training)	Cairo	All Laborers	Highway
January 31	Annual Safety Training	Cairo	Various Staff	Highway
February 6-8	Snow Plow Training	Cairo	Highway Staff	Highway
April 21	Operator Training for Lifts	Shop one & Catskill Trans.	Various Staff	Highway & Solid Waste
April 25	Chainsaw, Chipper, Catskill & Electrical Hazzard	Cairo	Highway Staff	Highway
April 26	Wheel Loader Training	Building 3 & 5	Various Staff	Highway
May 2	Flagging Seminar	Cairo	All Laborers	Highway
May 15-18	Lime Disease Prevention	Building 2,3,4, & 5	All Staff	Highway
May 25	Road Safety 365	Acra	Deputy, Bldg. Supervisor	Highway
June 5	Tractor Mowing Training	Athens	All Staff Bldg. 2	Highway
June 29	Performance Management	411	Superintendent, Deputy Foremen, Crew Leader	Highway & Solid Waste

Highway 2017 TRAINING and SEMINARS



DATE	EVENT	LOCATION	ATTENDEES	DEPARTMENT
July 10-13	Road side Needle by NYS Dept. of Health	All buildings	Various	Administration
August 22	Needle Smart	Public Health	Various	Solid Waste
September 25	Sweeper Training	Acra	Bldg. 3	Highway
September 27	Compliance for Bulk Storage Tanks	Utica	Dep. Superintendent	Administration
October 24-31	Lockout / Tag out Policy & Procedures	Freehold, Cat Trans. Shop one, Ashland	Mechanics	Mechanics Shop
November 16	Sander Control Training	Athens	Various	Highway
November 28	Work Place Violence Prevention	Cairo	All Staff	Highway & Solid Waste
December 5-11	Fire & Emergency Evacuation	All buildings & Transfer Stations	Dep. Superintendent	Administration

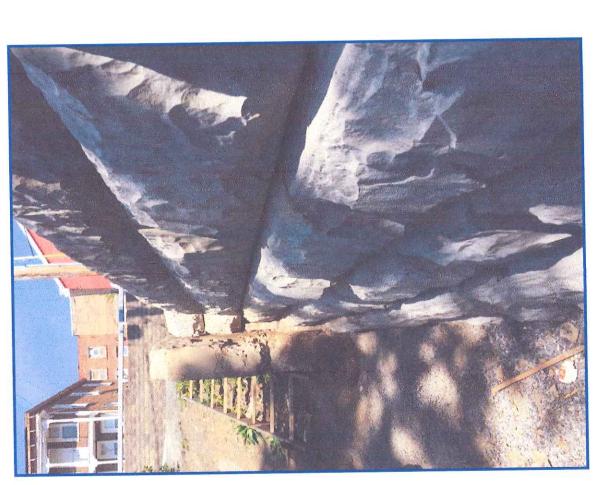
COUNTY PARKING LOT F - VILLAGE OF CATSKILL

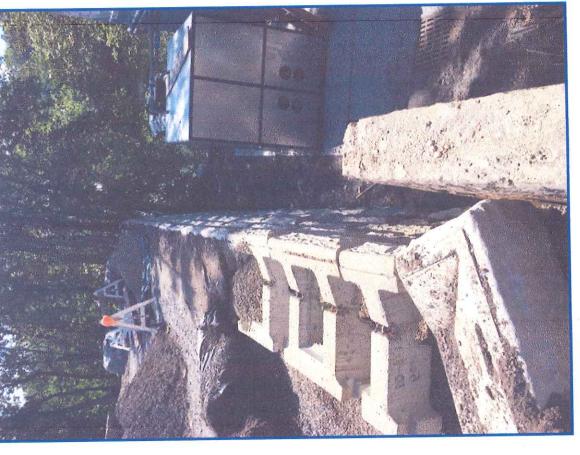




Working in conjunction with one of our miscellaneous bridge contractors, GCHD converted the old Poplock Property into a parking lot known as Lot F.

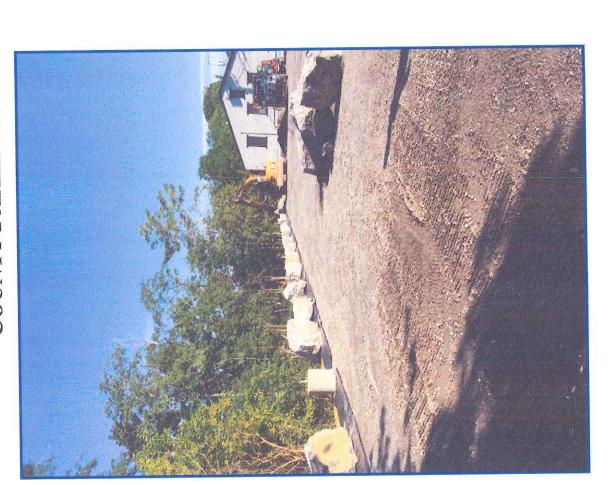
COUNTY PARKING LOT F - VILLAGE OF CATSKILL





wall height, without the need for tiebacks or geogrids. These interlocking blocks incorporate a built-in void Stone Strong Modular Blocks are a large, engineered, precast retaining wall block that increases gravity for internal drainage that installs easily and quickly, resulting in schedule and labor savings.

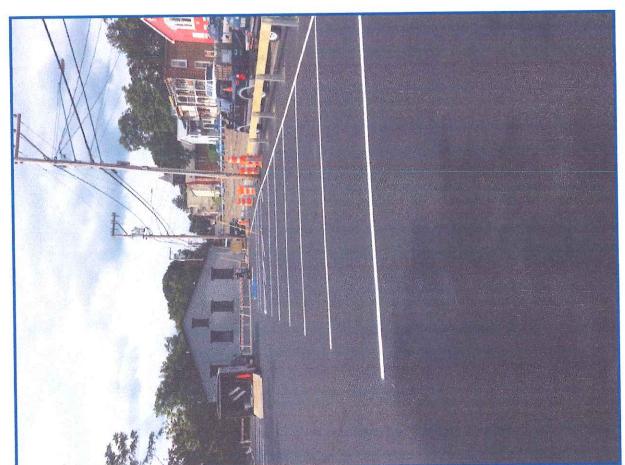
COUNTY PARKING LOT F - VILLAGE OF CATSKILL



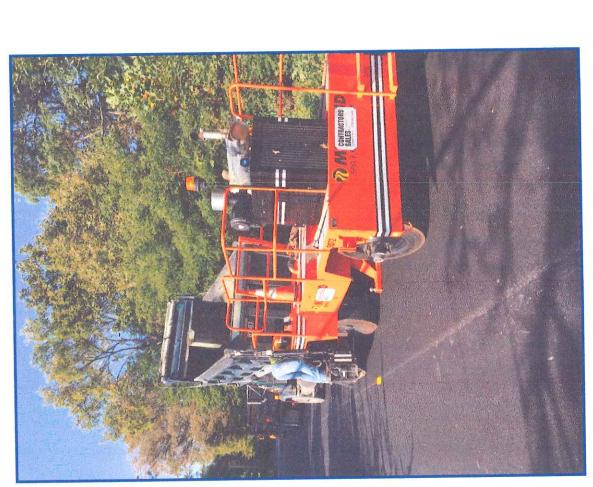


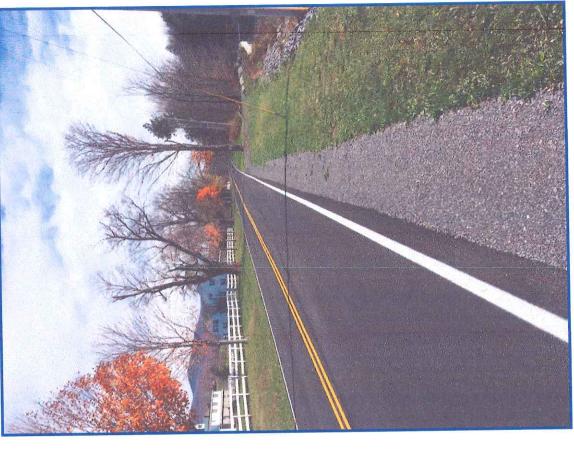
In lieu of costlier guiderail and posts, large heavy stone fill (Rip-Rap) was delivered from a local quarry and set utilizing county forces.





COUNTY ROAD 23C - TOWN OF JEWETT





Utilizing county forces along with a rented Shoulder machine, placed 6,843 tons

of shoulder backup material alongside newly paved roads.

Greene County Highway Quick Facts for 2017

57- HIGHWAY EMPLOYEES

Deputy Superintendent Superintendent

Senior Highway Building Supervisor Highway Building Supervisor

Gradall Operator

Motor Equipment Operators

Heavy Equipment Operators B

2- Heavy Equipment Operator A

Sign Maintenance Worker 16- Laborers

SHOP 1 EMPLOYEES

Garage Manager

Lead Heavy Equipment Repairman

2- Heavy Equipment Repairmen

2- Auto Mechanics

CSEA EMPLOYEES

3 - Senior Engineering Tech.

Office Manager

Administration Assistant

Senior Account Clerk

Stenographer

Account Clerk Typist

Greene County Highway Quick Facts for 2017

REQUESTS FOR SERVICE (Complaints)

279 logged requests.

COUNTY WORK PERMITS

68 Requested permits for Work to be completed within Greene County Right-of-Way.

ASPHALT PAVING

19.5 miles of road paved.

30,375.02 Tons of Asphalt used on sections of 12 county roads.

In Preparation for Paving

35 Crossover pipes replaced.

27 lane miles of ditching, (approx.) tree trimming, and brush removal.

Provided traffic control and Construction Inspection.

Used

2,234.72 Tons of asphalt for patching.

6,842,62 Tons of material for shoulder backup.

Paved two parking lots totaling 771 tons of asphalt.

ROAD SWEEPING

261 miles of roadway and 135 bridges were swept.

Utilized - 2 Rental sweepers.

2 Truck mounted. (A third sweeper purchased this year.)

1 Broce Broom Street Sweeper.

4 Water trucks.

In Hamlets located within the Watershed

33 Days of sweeping.

252 Cubic yards collected. 528 Man hours of labor.

12 Catch basing cleaner

Greene County Highway Quick Facts for 2017

(G.C.H.D. Supplied necessary material and trucking.) MISCELLANEOUS BRIDGE PROJECTS.

2 Bridge Projects. (Cr. 21 Mitchell Hollow Road, & Golden Hill Road Bridge) 2 Large Culvert Projects. (Cr.'s 01 & 41)

SIGN DEPARTMENT

11,638.77 Gallons of paint for Striping

218.12 Center line miles

269.14 Edge line miles

6 Designed and signed closure detours.

Mapped and lettered all new county equipment and vehicles.

81 Vehicles serviced, maintained, or repaired. (Highway only – does not include other agencies.)

53 Pieces of Equipment serviced, maintained, or repaired.

105,354.40 Gallons of fuel used. 27,632.30 Gallons of Unleaded Gasoline.

77,722.10 Gallons of Diesel Fuel.

RIGHT-OF-WAY MOWING

4 Rounds of mowing.

\$4,959,709 TOTAL SOLID WASTE BUDGET

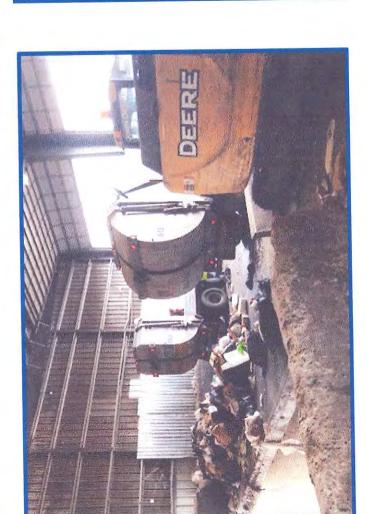
17- SOLID WASTE WORK FORCE EMPLOYEES

- S Landfill Attendant / Laborer
 - 3 Transfer Station Operator
- 1 Motor Equipment Operator
- 3 Heavy Motor Equipment Operator A
 - 1 Solid Waste Crew Leader
- 1 Heavy Equipment Repairman

1- SOLID WASTE CLERICAL

Account Clerk

Catskill Transfer Station





- The average person generates approximately 4.5 lbs. of waste each day. (average)
- The average 30 gallon black trash bag weighs approximately 30 lbs. So the average person generates about one bag per week.
- At 30 lbs, it takes 67 bags to make a ton.
- 59,770 tons, our 2017 volume would equal 3,984,667 bags.
- Approximately 1,758 trailer loads were disposed of last year.
- 147,974 customer visits in 2017. Coxsackie had the most visits and was the only station open six days per week.
- Our Municipal Solid Waste, approximately 81% of the waste stream is transported to the Seneca Meadows Landfill in Waterloo, NY for disposal. The landfill is the largest in NYS and covers approximately 400 acres on a 2,600 year. The landfill is required to maintain a total of 50 operating permits covering air, water and solid waste. Reacre site and has a maximum height of 280'. It accepts up to 7,700 tons per day, or over 2,400,000 tons per ported revenues are near \$48,000,000 per year.
- The trash hauling is done by MBI, a subcontractor to Seneca Meadows. The transfer trailers have four axles and a capacity of 156 CY with a maximum legal payload of 39 tons. The average load is about 34 tons.
- In 2000 our total volume was 10,358 tons with a workforce of 17 Full time employees (FTEs). We handled 59,770 tons in 2017 with the same workforce of 17 FTEs.
- Enough methane gas is produced and collected at the landfill to generate 18 Megawatts of electrical power, enough to power about 16,500 homes.

- Meadows this year it will take around 1,429 trips that will require around 135,755 gallons of diesel fuel. At a cost economy is 4.9 MPG and each trip requires 95 gallons of diesel fuel. For the 48,600 tons that will go to Seneca Each round trip to Seneca Meadows is 428 miles. The drivers make one trip per day. The trucks average fuel near \$3.00 per gallon that's a total cost of \$ 407,265.
- ported to the Dunn C&D Landfill in Rensselaer for disposal. The costs for both transportation and disposal there Approximately 19% of the waste stream is Construction and Demolition debris which is separated and transare significantly lower.
- Catskill Transfer is permitted by NYSDEC to accept up to 223 tons per day. The other stations are registered with NYSDEC and can accept up to 11,500 tons per year.
- last year. We are finishing the first year of a three year contract for transportation and disposal. Our current ac-Seneca Meadows was selected as the lowest cost option out of two proposals received in response to our RFP tual cost per ton is several dollars per ton less then we paid in 2004.
- year. This includes 1,321,000 lbs. of metal, 359,680 lbs. of cardboard, 32,880 lbs. of plastic, 135,323 lbs. of We processed and marketed over 1,676 tons or 3,351,340 lbs. of source separated recyclable material last electronics and 147,300 lbs. of tires. CW does not bring us any of the recycling they pick up.
- 95% of the electronics by weight accepted for recycling were televisions.

- Working with Public Health we picked up and transported to nursing homes for disposal 2,395. Ibs. of needles from eight Needle Smart sites throughout the county.
- Disposed of waste from sites at the Towns of Greenville and Halcott and recycling from five municipal sites and numerous county departments.
- Assisted most of the towns and villages with their clean up days and the county Youth Fair with trash disposal.
- We collected and delivered approximately 172,622 nickel bottles for redemption to ARC and held our annual HHW collection disposing of two trailer loads of hazardous waste.



Annual Household Hazardous Waste Collection held at Building #2 in Athens.

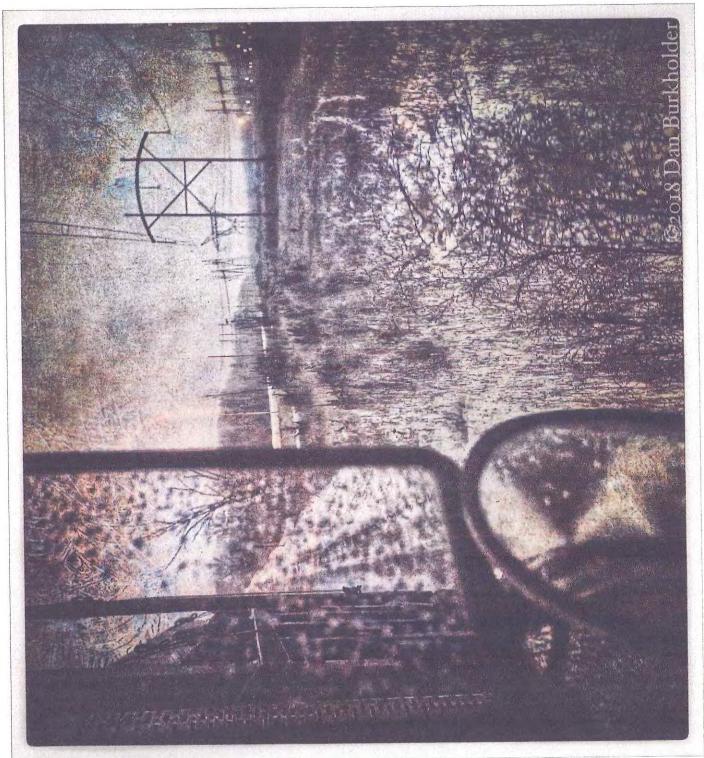


DAN BURKHOLDER PHOTOGRAPHER

champion digital technology by creating the digital negative in 1992, and has helped open doors for all black and white photographers interested in moving in-Professional photographer, Dan Burkholder received both his BA and Master's Uelsmann. In the early 1990's, he was one of the first photographic artists to raphy, he was a workshop student of Ansel Adams and his mastery of the wet embrace digital technology. Dan was one of the first fine art photographers to to the new electronic technologies. His award-winning book, Making Digital Nega-Degrees from Brooks Institute of Photography. No stranger to traditional photogdarkroom was highlighted by serving as assistant to both John Sexton and Jerry tives for Contact Printing, is regarded as the most authoritative work in the field.

His platinum/palladium prints combine the control of digital technology with the classic beauty of the handmade darkroom print. A Master platinum printer, Dan also developed methods leading to the Pigment-Over-Platinum print and the Platinum/Palladium Over Gold Leaf print.

past winter's snow events along County Roads. He was kind enough to supply us with some of his results. The following Dan applied for a photographic grant and partnered with the Greene County Highway to take pictures during this pages contain those images.



County Road 74 - Looking North towards Athens Generating Plant.

County Road 21 in Windham

4

Building #2 Athens Salt Shed