# 2018
# ANNUAL REPORT
# ALLEGANY COUNTY DEPARTMENT OF PUBLIC WORKS

ALLEGANY COUNTY
DEPARTMENT OF
PUBLIC WORKS
7 Court Street, Room 210
Belmont, NY 14813
Telephone: (585) 268-9230 Fax: (585) 268-9648
Justin D. Henry- Superintendent

## Department of Public Works Mission Statement

It is the mission of the Public Works Department to provide year round service to Allegany County. Through the dedication and hard work of our employees and the support of the County Legislators we strive to provide a secure and reliable infrastructure for all members of the community while continuing to find innovative ways to provide cost-effective services to the taxpayers of Allegany County.

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# Message From the Superintendent

2018 was a year of change for the department. I was afforded the opportunity to work with the current superintendent for several months, during the transition of leadership from Guy James to me.

A special thanks to Guy is due, not only for his many years of service but also to his unwavering dedication to the department. I'm truly appreciative for his training and guidance during the transition period.

This annual report is a very important tool for the Department, it affords us the opportunity to show the public what Public Works does for the County. Throughout the report, you will find key accomplishments and activities that took place in 2018.

My sincere thanks go out to our employees for their dedication and hard work. They continue to do a great job and as always strive to work hard and deliver results in a cost-effective manner for the citizens of Allegany. I'd like to extend my appreciation to the County Legislators who support our mission. Without the continued support of the County Legislators, the Department of Public Works would not be able to complete our mission for Allegany County. Also, I would like to recognize the local municipalities, who through multiple actions aid the County. The local municipalities play an essential part in the Counties ability to deliver superior results to the taxpayers of the County.

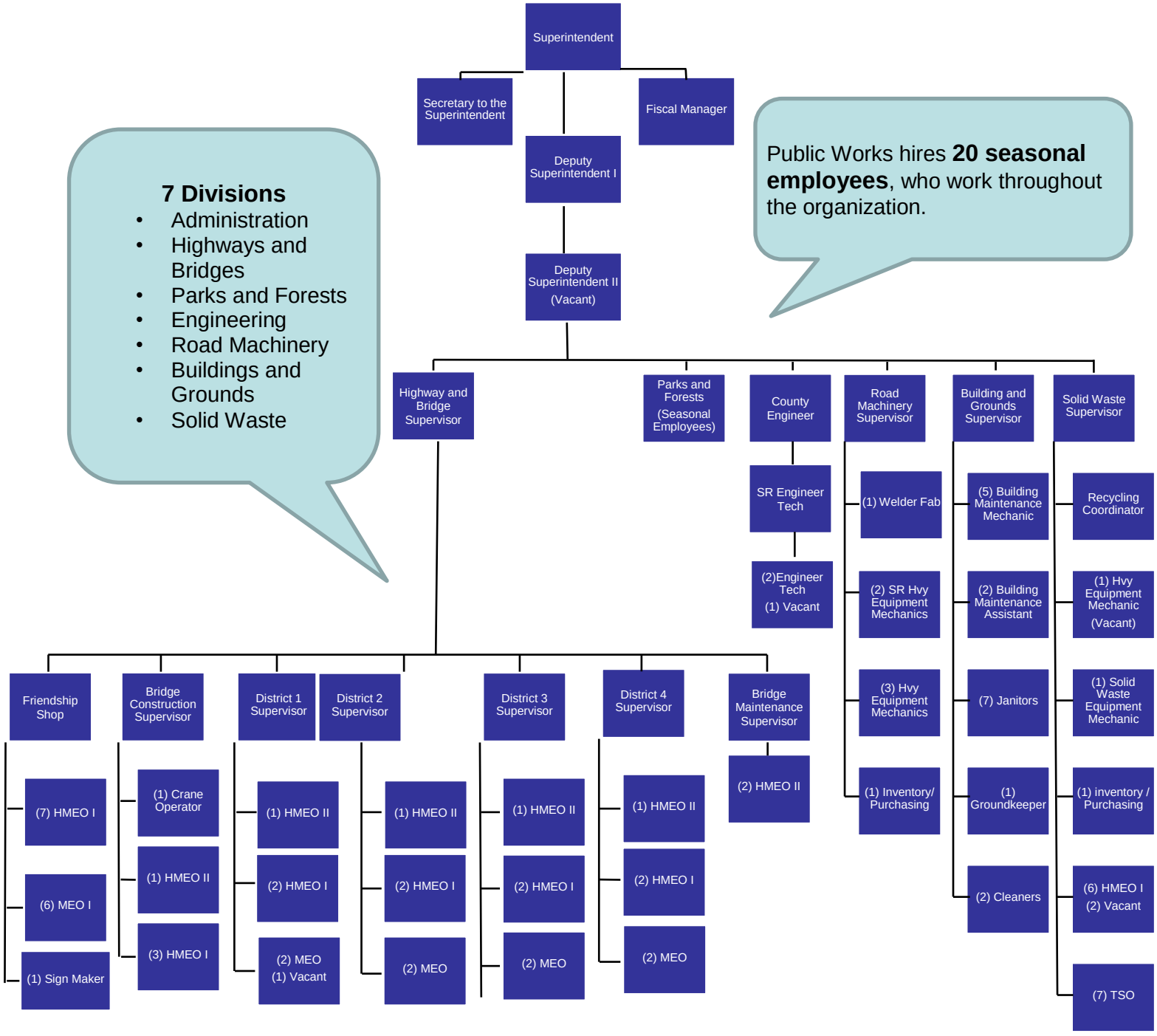
Justin D. Henry
Superintendent of Public Works

# Allegany County Department of Public Works

**7 Divisions**

- Administration
- Highways and Bridges
- Parks and Forests
- Engineering
- Road Machinery
- Buildings and Grounds
- Solid Waste

Public Works hires **20 seasonal employees**, who work throughout the organization.

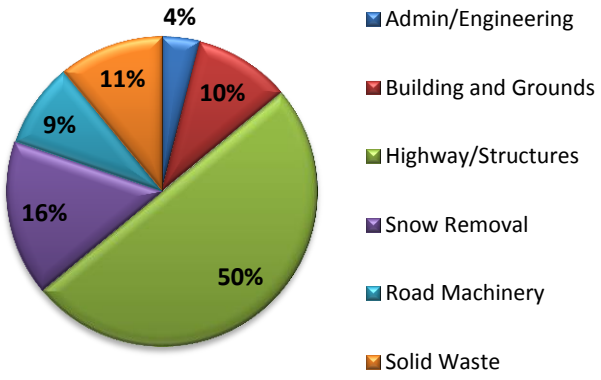



**Notes**: - At the end of 2018 Public works had 94 full time employees compared to 98 full-time employees at the end of 2017
-There were 6 open positions at the end of 2018

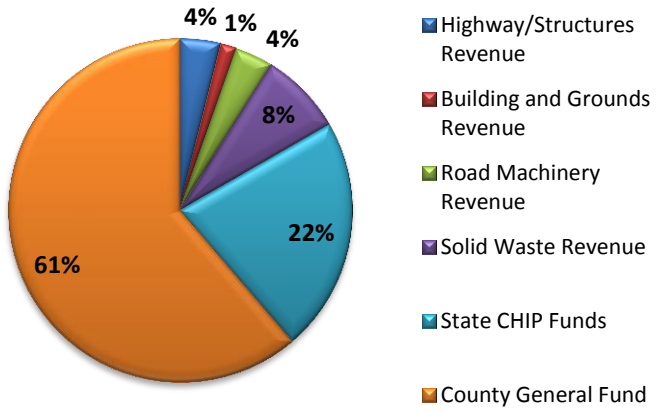
**Definitions**: HMEO – Heavy Motorized Equipment Operator
MEO – Motorized Equipment Operator
TSO – Transfer Station Operator

# Financial Overview

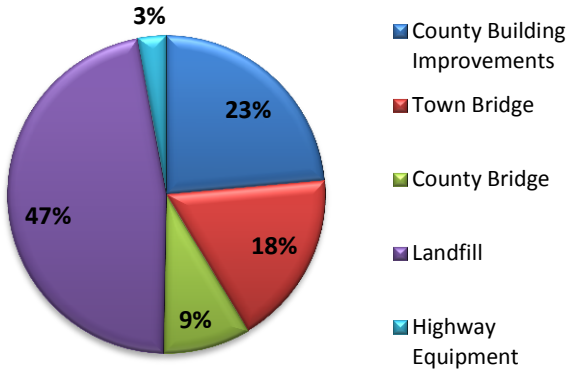
**2018 Operating Budget Expenditures**
**$14,504,651**



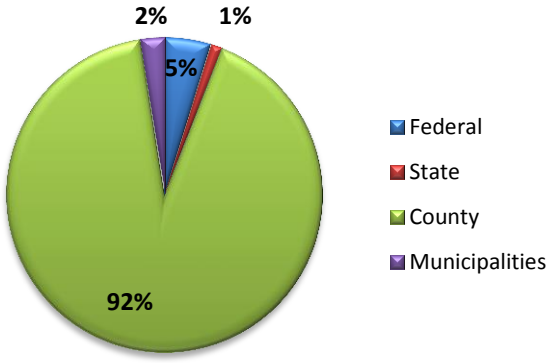

**2018 Operating Budget Source of Funding**




**2018 Capital Program Expenditures**
**$4,710,431**




**2018 Capital Program Source**



## Administration and Engineering

Engineering continued on the Pine Street Bridge in Alfred and the County Road 16 Bridge in Birdsall.

State & Local Agreements were signed with NYSDOT for the Design Phase to replace both the Weidrick Road Bridge and the Madison Street Bridge in Wellsville.

Public Works helped administer the Park and Ride Project for the IDA, which was completed this year.

Allegany County was selected for a Bridge NY Project. Bridge BIN 3090290 on CR20 in the Village of Cuba will be replaced under this program.

In an agreement with the New York State Thruway Authority, the county acquired six precast concrete deck panels from the decommissioned Tappan Zee Bridge. The panels were free and delivered to the DPW Stockpile site on County Road 48. These panels were installed by County forces on Higgins Creek Road Bridge in Centerville and the Purdy Creek Road Bridge in Hume, for cost savings to the County and Towns. Two panels remain to be used on a future structure.

## Parks and Forest

Public Works continued with the mowing and maintenance of all County owned Parks, Forests, Cemeteries, the Sheriff Department's boat launch guard station on Cuba Lake, the public beach and bathhouse at Rushford Lake and various radio towers sites.

# Structures

**Town Bridges**
85% County Funding and 15% Town Funding
County crews designed, administered and completed the following structures in 2018:

| | | |
|---|---|---|
| Town of Genesee | BR#17-10, Deer Creek Rd | $152,419.47 |
| Town of Centerville | BR#13-06, Higgins Creek | $380,272.36 to finish in 2019 |
| Town of Hume | BR#20-01, Purdy Creek | $145,045.09 to finish in 2019 |
| Town of Amity | BR#05-09, Saunders Hill | $154,715.92 to finish in 2019 |

**County Bridges**
The following projects were designed, administered and completed by County crews:

| | | |
|---|---|---|
| CR 15B, Grove | Culvert #15B-51 | $334,913.89 |
| CR 15B, Birdsall | Culvert #15B-17 | $159,196.84 |

In addition, crews completed a wall repair on BR 11-08 on the Peters Road in Burns and abutment repairs on the BR 25-02 on White Road in Ward.

**Bridge Maintenance**
Bridge Maintenance performed the following tasks in 2018:

| Task | Number of Bridges |
|---|---|
| General repairs for flagged structures | 4 |
| Cleaned and painted beams and abutments | 24 + 6 Culverts |
| Water sealant on bridge rails | 7 |
| Structures washed, cleaned and lubricated | 16 |
| Guide-rail installations and/or repairs | 3 |
| Deck repairs | 5 |
| Debris removal from piers/channel | 10 |
| Abutment/Pedestal Repairs | 2 |

# Highway

**CHIPS Projects**
Total CHIPS aid received from NYS in 2018 was $3,201,371.26. This amount includes $2,343,726.53 in CHIPS, $319,797.96 in EWR and an additional $537,846.76 for the PAVE NY program.

The following roads, totaling 26.77 miles, were Hot Mixed paved by Dolomite Products:

| | | |
|---|---|---|
| CR03 | 8.53 Miles | Entire Length |
| CR33 | 5.13Miles | Entire Length |
| CR15A | 4.51 Miles | West Section – CR15 to CR16 |
| CR18 | 8.60 Miles | Alma to SR 417 |

**Surface Treatment**
The following oil & stone projects were done by Suit-Kote Corporation totaling 31.85 miles and were financed using 100% local funds.

| | |
|---|---|
| CR10 | 11.00 Miles |
| CR31 | 8.73 Miles |
| CR16 | 7.90 Miles |
| CR36 | 4.22 Miles |

**Pavement Markings**
The 2018 pavement marking contract was awarded to Zebra Paint Striping. The program consisted of marking 342.04 miles of centerline and 558.12 miles of edgeline. The contract also included 60.15 miles of index marking and 33.38 miles of spotting centerlines. The total cost of this program was $211,262.22.

**Snow and Ice**
The County continued to plow County roads in the Towns of Alfred and Clarksville which covers 11.98 miles of road. Each of the remaining 27 towns will receive $3,450.00 per centerline mile for the 2018-2019 season amounting to $1,151,472.00 for the 333.76 miles serviced.

| **Sign Department** | **2017** | **2018** |
|---|---|---|
| Total number of signs on County Routes | 4,470 | 4,477 |
| Total number of installations | 3,006 | 3,006 |
| Signs and/or posts replaced due to vandalism | 85 | 116 |
| Signs and/or posts replaced due to accidents/snow plow damage | 108 | 115 |
| Signs and/or posts replaced due to miscellaneous | 17 | 71 |
| New Installations | 15 | 12 |
| Installations removed | 12 | 12 |
| Seasonal Installations - Installed and Removed | 17/19 | 17/27 |

# Road Machinery

The following equipment was purchased:

**Highway**

| | |
|---|---|
| 2 Tandem Axle Dump Trucks | $269,326.00 |
| 2 Five Ton Dump Trucks | $152,798.80 |
| 1 Fork Lift | $ 43,968.00 |
| 1 Stump Grinder | $ 8,085.46 |

**Leased Vehicles**

(2) F150 Pickups, (2) F250 and (1) F350

**Miscellaneous Work**

DPW continued to provide and received aid from local municipalities. This included transportation of equipment, paving, and milling, pipe replacements, tree trimming, hauling of material, equipment repairs, and sharing various pieces of equipment.

Highway crews spent many hours at various tower sites for the Sheriff's department. This includes knocking down the tower at the Independence site.

Highway employees assisted the Office for the Aging during their annual Senior Picnic held at the county fairgrounds. Also, Blizzard Boxes were picked up and delivered to the Aging office for future distribution.

# Solid Waste

In 2018, the final phase of permanently capping the county landfill was substantially completed for the amount of $2,160,000. Final seeding of the affected area is scheduled to begin in early spring of 2019.

**Landfill and Transfer Stations**

The Solid Waste staff continued hauling residential waste collected at county transfer stations. 8,969.31tons were hauled to the Hyland Landfill (operated by Casella) in Angelica and 1,043.67 tons were hauled to Steuben County's Landfill in Bath, NY.

During 2018, Allegany County personnel hauled 3,025,525.18 gallons of landfill leachate to local wastewater treatment plants at a cost of $75,638.13 ($.025/gallon).

**Recycling Program**

In 2018, Allegany County handled 1,314.37 tons of recyclable materials and received $135,780.12 in revenues from the sale of recyclable materials brought to county solid waste facilities.

The following is a breakdown of the tonnage of each recyclable material brought to the County Transfer Stations:

| | | | | | |
|---|---|---|---|---|---|
| Cardboard | 309.87 | Tires | 169.37 | Mixed Papers | 280.24 |
| Glass | 92.60 | Electronics | 64.85 | Plastic | 113.84 |
| Metal Cans | 54.87 | Textiles | 63.89 | White Goods | 52.47 |
| Batteries | 5.07 | Scrap Metal | 107.30 | | |

The 19th annual Household Hazardous Waste Collection Day was held September 8th, 2018. This event serviced 92 households and successfully removed 3,641.00 pounds of hazardous materials from the waste stream. The cost of the event totaled $11,404.68. 50% of this is covered by a grant issued by the New York State Department of Environmental Conservation.

In 2018 we continued the quarterly E-Waste collections and instituted, once monthly television collections. These events collected a total of 64.85 tons of E-Waste. These events cost a total of $13,201.65. 50% of this is covered by a grant issued by the New York State Department of Environmental Conservation.

The Allegany County syringe disposal program collected 881 pounds of Sharps (needles) for proper disposal and 1,680 individual sharps containers were distributed. These containers and disposal are provided at no charge through the New York State Aids Institute and the Extended Syringe Access Program.

# Buildings & Grounds

Buildings and Grounds crew Completed 2,325 work orders in 2018, 94 of them being emergency or high priority work orders. Crews also preformed 3,402 preventive maintenance actions to county equipment assets in 2018.

**County Office Buildings**

Public Works finished 3rd Floor renovation and began work on ground floor renovations. Also County crews made upgrades and improvements to the Legislative Chamber, Old Court House, County Clerk's Office and Employment & Training.

**Jail Facility**

At the Jail repairs were made to eliminate leaks, repairs were made to the jail leach field and the dock leveler was replaced.

**Other County Buildings**

The Elections Storage Building was renovated and the former "Tronetti" house located on Court Street was demolished to create additional parking area.