2019
ANNUAL REPORT
ALLEGANY COUNTY DEPARTMENT OF PUBLIC WORKS

ALLEGANY COUNTY DEPARTMENT OF PUBLIC WORKS
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Justin D. Henry- Superintendent

Allegany COUNTY New York

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.

Contents

- Message From the Superintendent 4
- Organization 5
- Financial Overview 6
- Administration and Engineering.....7
- Parks and Forests..... 7
- Structures.....7-8
- Highways..... 8
- 2019 Project Map 9
- Road Machinery.....10
- Mutual Aid 10
- Solid Waste.....11-12
- Buildings and Grounds.....12

Message From the Superintendent

I view the annual report as a very important tool for the Department, it affords us the opportunity to show the public what Public Works does for the County. Great strides were made in 2019 towards accomplishing goals laid out at the beginning of my term as Superintendent of Public Works. Mentioned below are some key accomplishments, but throughout the report you will find many more that took place in 2019.

In 2019 we implemented an infrastructure/pavement asset management plan, this plan greatly expanded on the current system and affords the department the opportunity to better plan, budget, and track County infrastructure. One key milestone accomplished towards the implementation of the asset management plan was a complete inspection and condition rating performed on all County roads. Another milestone reached this year was acquiring software to help manage, track and report on County infrastructure.

The department made many changes to increase production and to gain savings for the County taxpayers. Some noteworthy changes were the initiation of a crack seal program, the reorganization of the Bridge Maintenance crew painting schedule, and the elimination of lump-sum award for County paving contracts. The crack seal program will help extend the useful life of County roads at a low cost to the citizens of the County and will be further expanded in the coming years. The reorganization of the Bridge Maintenance crew painting schedule increased production year over year. By eliminating the lump-sum award for paving contracts, the County had a realized substantial savings and therefore was able to pave more roads with the budgeted funds.

My sincere thanks go out to our employees for their dedication and hard work. They continue to work hard and deliver results in a cost-effective manner for the citizens of Allegany County. I'd like to extend my appreciation to the County Legislator who supports our mission. Without the continued support of the County Legislator, 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.

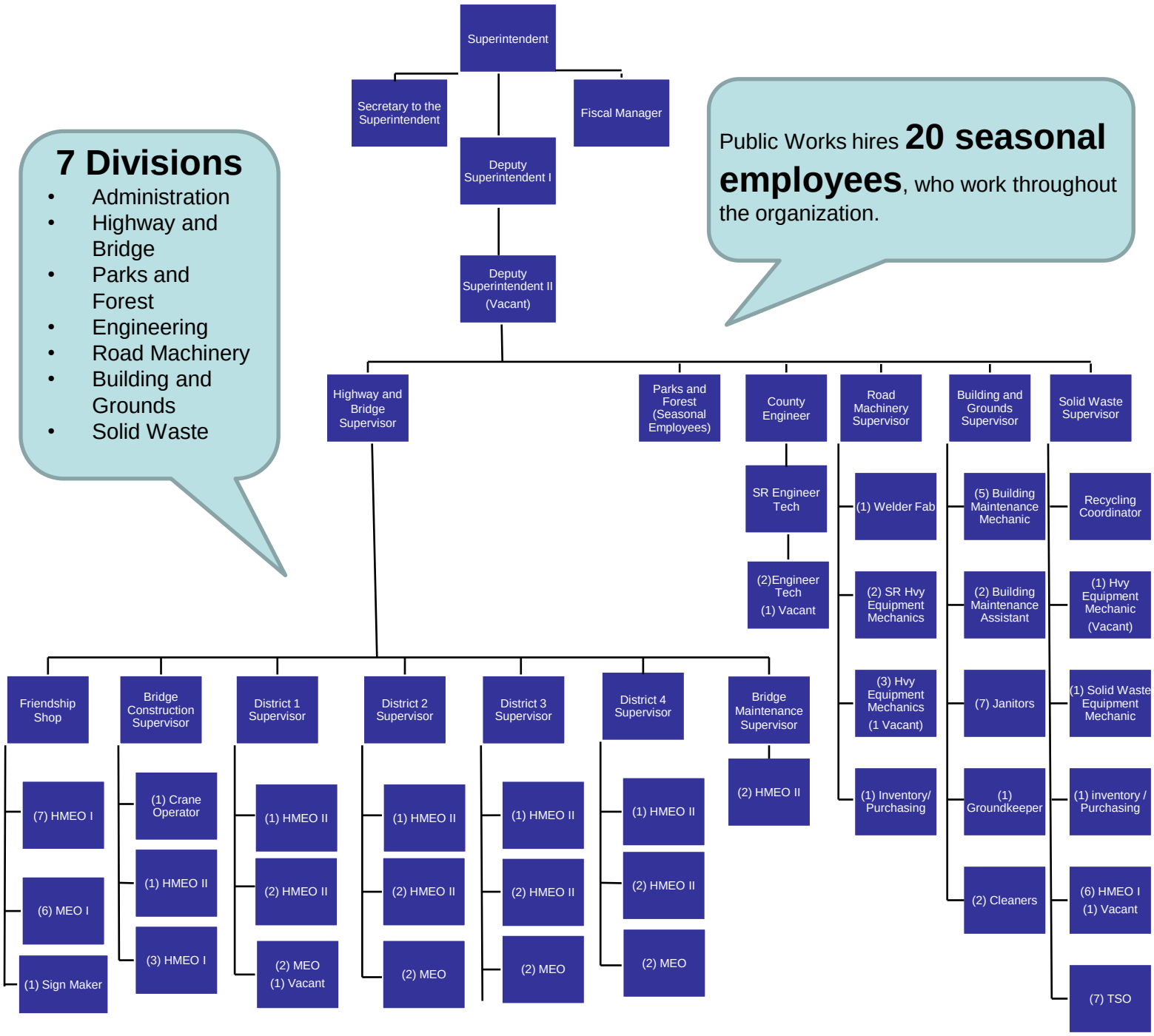
Justin D. Henry
Superintendent of Public Works

Allegany County Department of Public Works

7 Divisions

- Administration
- Highway and Bridge
- Parks and Forest
- Engineering
- Road Machinery
- Building and Grounds
- Solid Waste

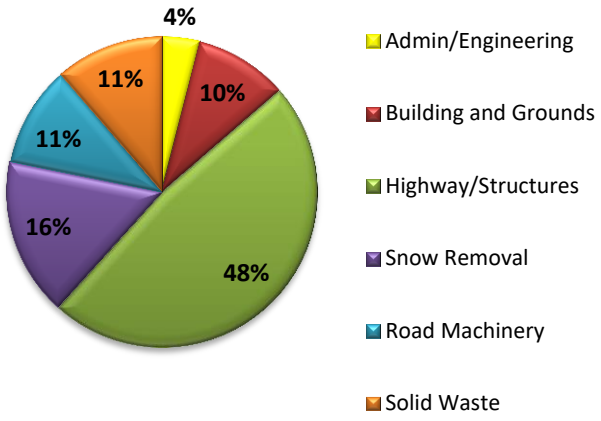
Public Works hires **20 seasonal employees**, who work throughout the organization.



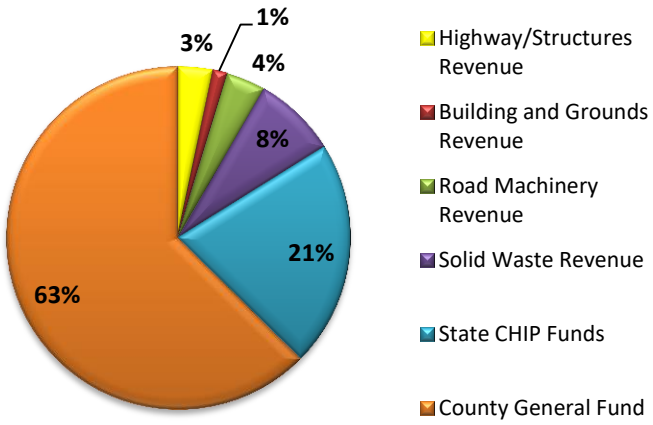
Notes: - At the end of 2019 Public works had 95 full time employees compared to 94 full time employees at the end of 2018
-There were 4 open positions at the end of 2019

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

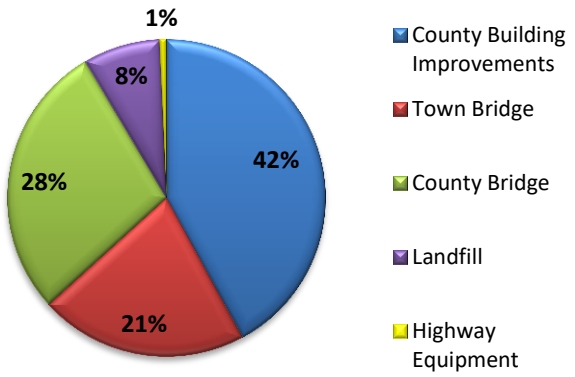
2019 Operating Expenditures Program
$14,737,128



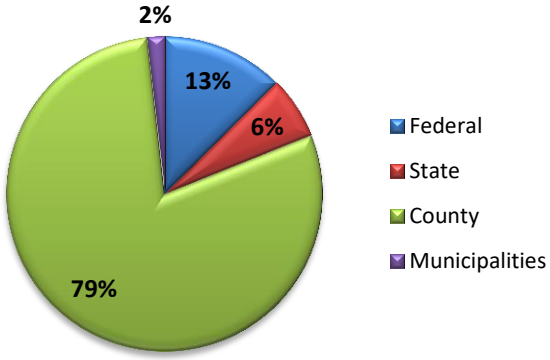
2019 Operating Budget Source of Funding



2019 Capital Program Expenditures Review
$2,330,368



2019 Capital Program Source



Administration and Engineering

Engineering and design continued on State/Federal funded projects. The updated status for the end of 2019 can be found below:

State/Federal Funded Projects			
Description	**Estimated Total Cost**	**Status**	**Estimated Completion Year**
Wellsville, Weidrick Rd Bridge	$2,140,000.00	Final Design	2021
Wellsville, Madison St Bridge	$2,572,000.00	Preliminary Design	2022
Pine St Alfred - Fed/State	$2,250,000.00	Final Design	2022
CR16, Birdsall - Fed/State	$3,750,000.00	Pre-Construction	2020
CR20, Cuba, #15-20 Bridge NY	$2,607,000.00	Preliminary Design	2021

In 2019 DPW participated in the Cornell Asset Management Program (CAMP) and it was a great success. Participation in this program aided DPW in accomplishing its goal of implementing a new infrastructure/pavement asset management plan.

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

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

CR 18, Bolivar	BR#10-01	$253,570
CR 49, Rushford	Culvert#49-34	$312,331

Town Bridges
85% County Funding and 15% Town funding. County crews designed, administered and completed the following structures in 2019:

Town of Almond	BR#04-11, Emerson Road	$151,628
Town of Burns	BR#11-10, Narrows Road	$278,897
Town of Birdsall	Culvert, Gillies Hill Road	$ 38,767

In addition, crews completed the following work:

- LC 31-36 on CR 31 in the Town of Scio – Fixed a collapsed headwall/wingwall.
- LB 11-08 on Peters Rd in the Town of Burns – Fixed wingwalls.
- LB 20-15 on Stone Spring Rd in the Town of Hume – Installed additional wingwall.
- LB 20-18 on Higgins Creek Rd in the Town of Hume – Fixed wingwall due to erosion.
- Local Culvert on Pratt Rd in the Town of Centerville – Repaired scour under the culvert deck.
- Local Culvert on Hassard Rd in the Town of Wirt – Replaced guiderail/posts on deck.
- Oil Springs Walk Bridge – Repaired abutment.
- Local Culvert on Stout Rd in the Town of Cuba – Extended the wingwall and added a tie-back.

Bridge Maintenance
Bridge Maintenance performed the following tasks in 2019:

Task	Number of Structures
General repairs for flagged structures	4
General repairs for non- flagged structures	4
Cleaned and painted	34
Deck repairs/maintenance	4
Debris removal from structure/channel	16

Highway

CHIPS Fund
Total CHIPS aid received from NYS in 2019 was $3,213,935. This amount includes $2,356,291 in CHIPS, $319,798 in EWR and an additional $537,847 for the PAVE NY program.

Paving
By utilizing CHIPS funds, 27 miles of County roads were paved this year.

Surface Treatment
Using local funds, over 43 miles of County road surfaces received a treatment this year. 20 miles received an oil and stone treatment. The remaining 23 miles of road were crack sealed under the newly implemented crack seal program.

Snow and Ice
The County continued to plow County roads in the Towns of Alfred and Clarksville which covers 11.98 miles of road. Starting in October of 2019 the County plowed an additional 14.63 miles of County road, typically covered by the Town of Alma, for a total of 26.61 miles covered by County forces. Each of the remaining 26 towns will receive $3,575.00 per centerline mile for the 2019-2020 season amounting to $1,129,700.00 for the 316 miles serviced.

Sign Department	**2018**	**2019**
Total number of signs on County Routes	4,477	4,481
Total number of installations	3,006	3,002
Signs and/or posts replaced due to vandalism	116	210
Signs and/or posts replaced due to accidents/snow plow damage	115	146
Signs and/or posts replaced due to miscellaneous	71	143
New Installations	12	10
Installations removed	12	1
Seasonal Installations - Installed and Removed	17/27	17/17

Department of Public Works

Allegany COUNTY New York

2019 PROJECTS MAPPING

SUPERINTENDENT: JUSTIN D. HENRY

DEPUTY I: DEAN SCHOLES

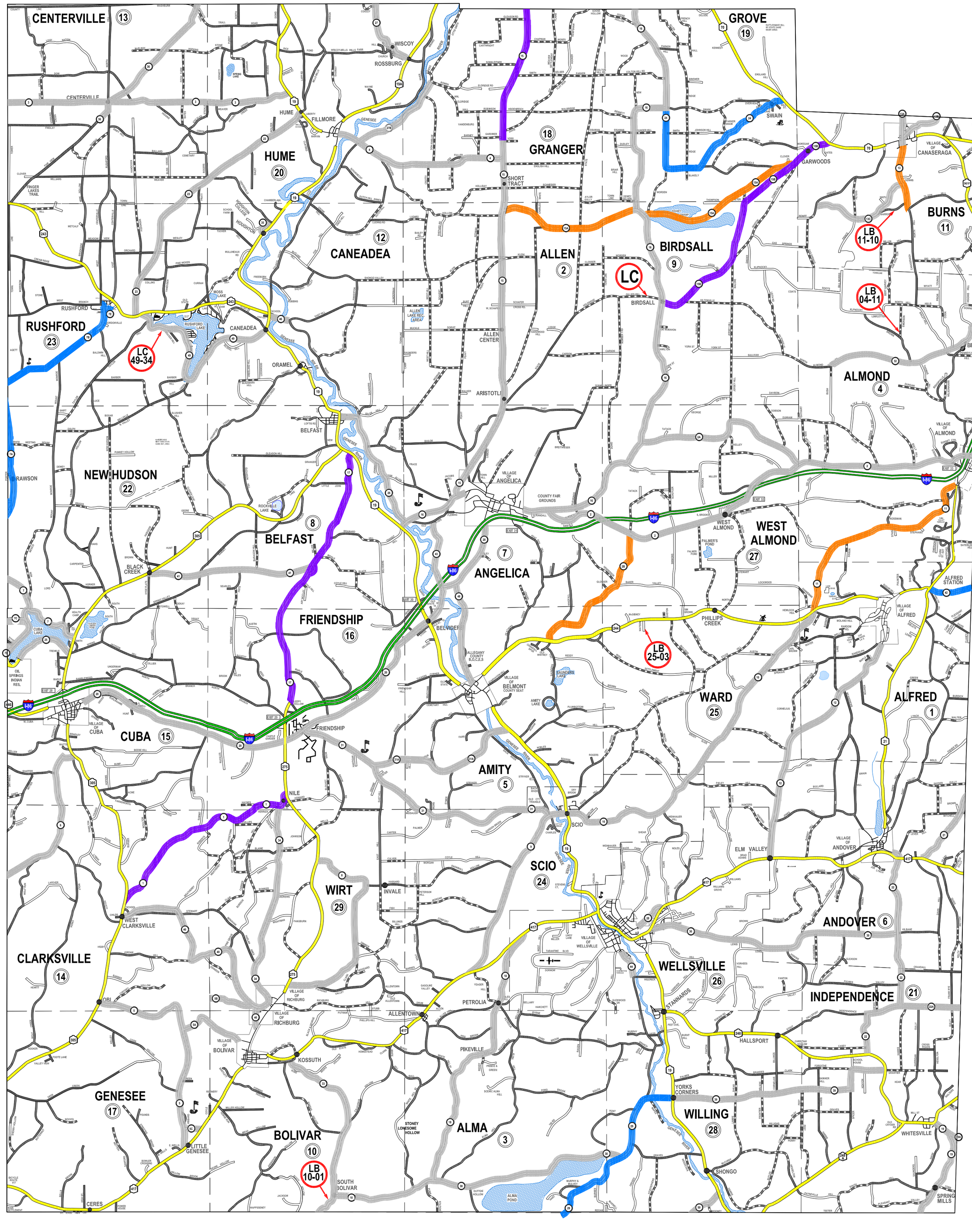
CREATED BY: RORY O'HAGAN, ENGINEER TECHNICIAN

PAVING

CHIPSEAL

CRACKSEAL

BRIDGE STRUCTURE



Road Machinery

The following equipment was purchased new and/or replacement for insured loss in 2019:

Highway

3 Tandem Axle Dump Truck	$454,174
1 Tandem Axle Plow Truck	$221,655
1 Road Broom Sweeper	$ 53,995
1 Cold Planer	$ 17,869
1 Trailer	$ 10,293

Solid Waste

6 Recycling Containers	$ 42,900
1 Truck Tractor with Roll Off	$188,776

Leased Vehicles

4 F-250 crew trucks

Also the Bridge Maintenance's bridge unit was sent to the original manufacture in the fall for a complete overhaul and is due back to DPW in Spring of 2020.

Miscellaneous Work

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

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 2019 DPW completed the draft copy of the Allegany County Solid Waste Management Plan. The purpose of this plan is to 1) serve as a countywide framework for the coordination of solid waste management; 2) establish countywide solid waste goals and objectives -- including goals for waste reduction and recycling -- and a plan to monitor progress toward the goals; and 3) satisfy NYSDEC requirements for solid waste planning and comprehensive recycling analyses. Once a final plan is implemented, it will be used to identify the path to be pursued for managing solid waste generated in Allegany County during a ten-year planning period in an economical and environmentally sound manner that is consistent with the State's solid waste management policy. The initial year of this ten-year planning period will commence following approval of this Plan by the New York State Department of Environmental Conservation (DEC), which is expected to be 2020.

Landfill and Transfer Stations

The Solid Waste staff continued hauling residential waste collected at county transfer stations. 9,785 tons were hauled to the Hyland Landfill (operated by Casella) in Angelica and 782 tons were hauled to Steuben County's Landfill in Bath, NY.

During 2019, Allegany County personnel hauled 1,537,710 gallons of landfill leachate to local wastewater treatment plants at a cost of $38,443 ($.025/gallon).

Recycling Program

In 2019, Allegany County handled 1,620 tons of recyclable materials and received $87,236 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	337	Tires	153	Mixed Papers	267
Glass	141	Electronics	75	Plastic	113
Metal Cans	49	Textiles	58	White Goods	58
Batteries	6	Scrap Metal	362		

The 21st annual Household Hazardous Waste Collection Day was held September 7th, 2019. This event serviced 136 households and successfully removed 3,641 pounds of hazardous materials from the waste stream. The cost of the event totaled $10,534. 50% of this is covered by a grant issued by the New York State Department of Environmental Conservation.

In 2019 we continued the quarterly E-Waste collections and instituted once monthly television collections. These events collected a total of 75 tons of E-Waste. These events cost a total of $17,458. In the past 50% of this cost was covered by a grant issued by the New York State Department of Environmental Conservation, but this grant ended in 2018 and all costs in 2019 and moving forward will be using 100% of local funds.

The Allegany County Safe Sharps program collected 978 pounds of Sharps (needles) for proper disposal and distributed 2,200 individual sharps containers. These containers are provided by a grant through the New York State Aids Institute and the Extended Syringe Access Program

Buildings & Grounds

The Buildings & Grounds Crew completed 4,390 work orders during 2019, 45 of those being emergency or high priority work orders. Crews also accomplished 2,993 preventive maintenance work orders to county equipment assets during 2019.

County Office Buildings
The Public Works Buildings & Grounds Department completed the Ground Floor renovations. In addition, they made upgrades and improvements in the First Floor DSS Office, the Old Court House and to the County Clerk's Office.

Jail Facility
At the jail, the newly commissioned septic system was brought on-line.

Other County Buildings
The Buildings & Grounds Department renovated the recently purchased St. Philips Episcopal Church Office Building to accommodate the Elections Offices.