2020
ANNUAL REPORT
ALLEGANY COUNTY DEPARTMENT OF PUBLIC WORKS

ALLEGANY COUNTY DEPARTMENT OF PUBLIC WORKS
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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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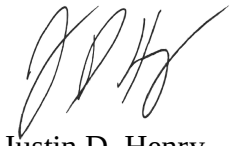
Message From the Superintendent

It is an understatement to say, 2020 was an interesting year. 2020 brought many new hurdles to overcome to include COVID-19 and a reduction of CHIP's funding by 20%. Below are some of the major issues Public Works overcame and some key accomplishments realized this year.

In 2020 we saw a 20% reduction in CHIP's, for a total dollar reduction of $642,787. The department was able to reprioritize its pavement plan to account for this reduction and although the miles paved and the number of roads receiving crack seal was reduced, we were still able to effectively use every dollar to maintain the County's infrastructure. The department also began a new program for highway maintenance. This program is Cold in Place Recycling and will help the Department in the future maintain the County infrastructure and save money over the useful life of its highways.

2020 also brought us Covid-19, but with the dedication and hard work of our employees, we were able to meet the new challenges. Some of the challenges brought on by COVID-19 were increasing demands for Building and Grounds crews, helping the meals on wheels program for the Office for the Aging, and elimination of the summer help program. The department not only dealt with these new challenges but also continued with our normal operations

My sincere thanks go out to our employees, they continued to prove how valuable their contributions are to the County. We would not have been able to deal with COVID-19 as efficiently as we did without them. I'd like to give special thanks to the County Legislature who even thru the difficulties of remote communication continued to support our mission. Also, I would like to recognize the local municipalities, which through multiple actions aid the County.

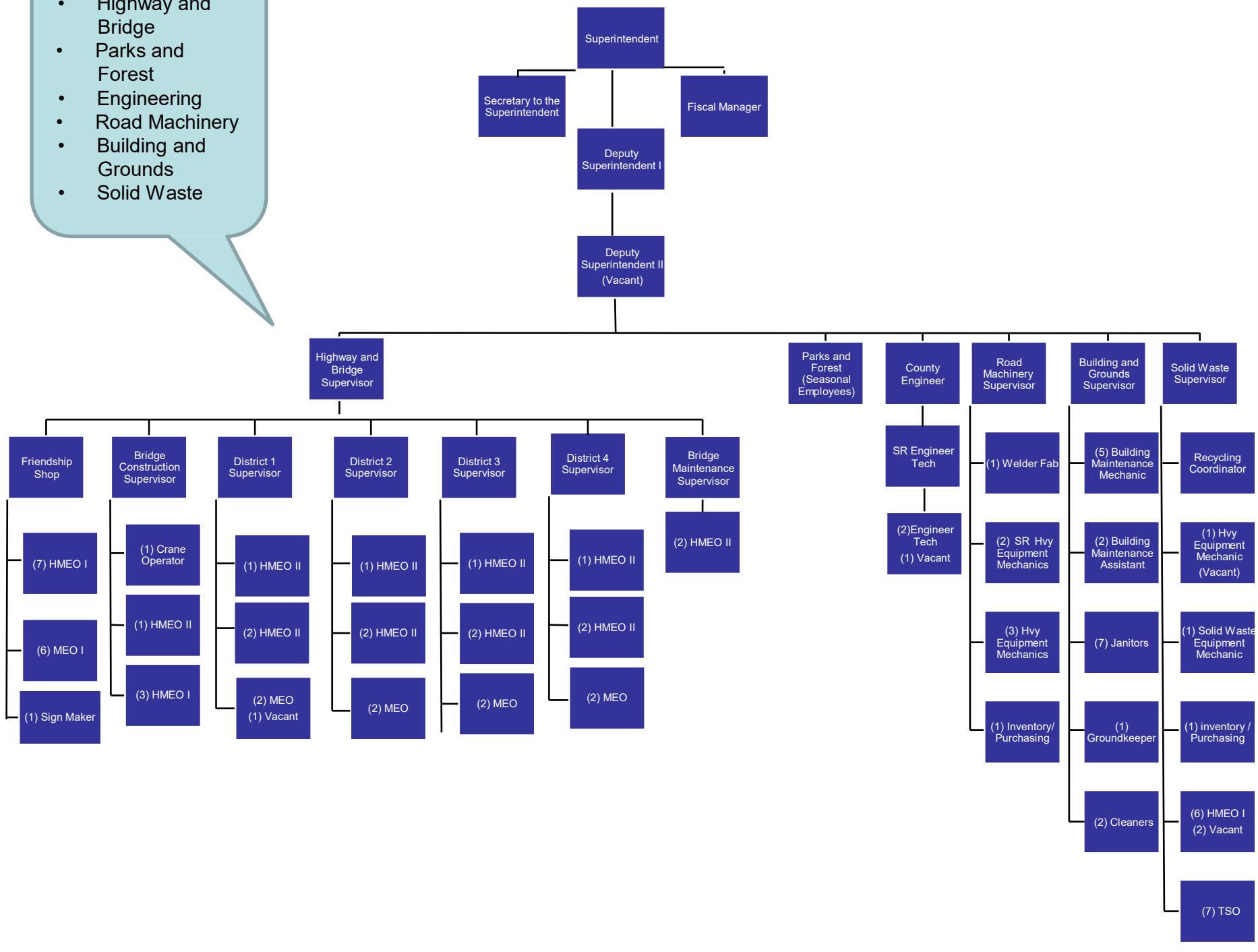


Justin D. Henry
Superintendent of Public Works

Allegany County Department of Public Works

7 Divisions

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



Notes: - At the end of 2020 Public works had 93 full-time employees compared to 94 full-time employees at the end of 2019
-There were 5 open positions at the end of 2020

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

2020 Operating Expenditures Program Review
$13,747,141

Admin/Engineering	$569,658
Building and Grounds	$1,367,500
Highway/Structures	$6,677,814
Snow Removal	$2,144,842
Road Machinery	$1,458,601
Solid Waste	$1,528,726

2020 Operating Budget Source of Funding

Highway/Structures Revenue	$476,286
Building and Grounds Revenue	$208,549
Road Machinery Revenue	$597,116
Solid Waste Revenue	$1,224,663
State CHIP Funds	$2,657,965
County General Fund	$8,582,563

2020 Operating Expenditures Program Review
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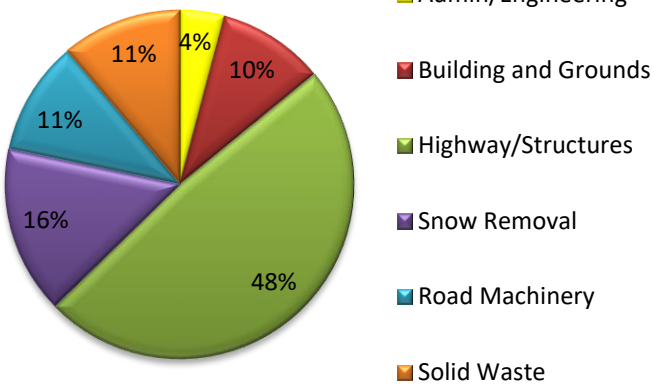
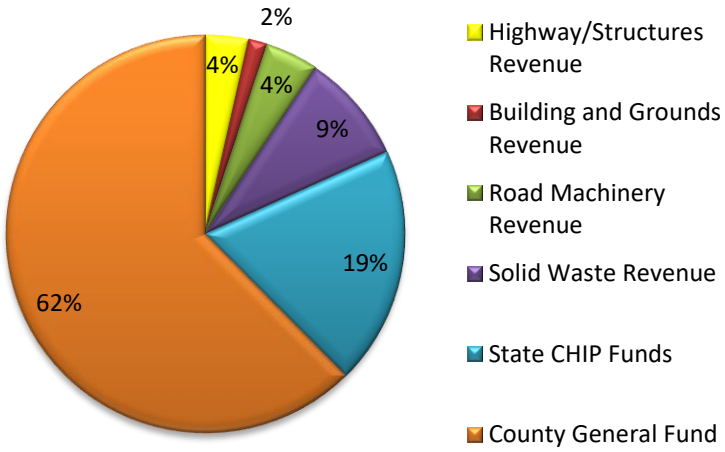


2020 Operating Budget Source of Funding



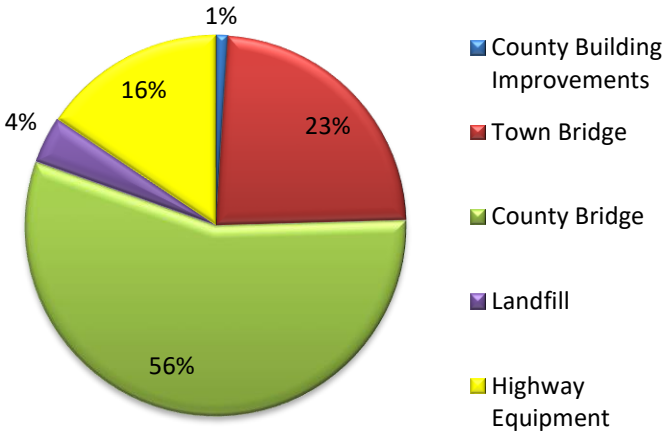
2020 Capital Program Expenditures Review
$3,432,847

County Building Improvements	$34,727
Town Bridge	$808,320
County Bridge	$1,917,815
Landfill	$136,395
Highway Equipment	$535,590

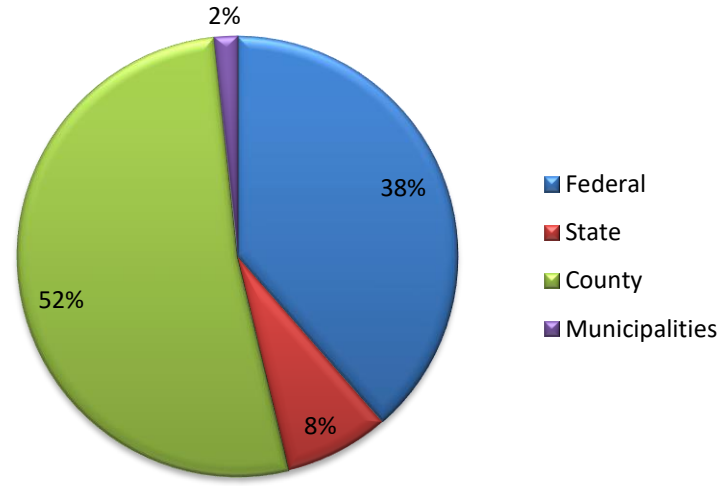
2020 Capital Program Source

Federal	$1,323,944
State	$263,557
County	$1,787,514
Municipalities	$57,832

2020 Capital Program Expenditures Review
$3,432,847



2020 Capital Program Source



Administration and Engineering

Engineering and design continued on State/Federal funded projects. The updated status for the end of 2020 can be found below:

State/Federal Funded Projects			
Description	**Estimated Total Cost**	**Status**	**Estimated Completion Year**
Wellsville, Weidrick Rd Bridge	$2,140,000.00	Pre-Construction	2021
Wellsville, Madison St Bridge	$2,572,000.00	Final Design	2021
Pine St Alfred - Fed/State	$2,250,000.00	Final Design	2022
CR16, Birdsall - Fed/State	$3,750,000.00	Construction	2021
CR20, Cuba, #15-20 Bridge NY	$2,607,000.00	Pre-Construction	2021
Andover, N Main Street Bridge	$2,419,000.00	Design	2023

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. Also Public Works performed a rehab to the dock at the public beach at Rushford Lake this year.

Structures

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

CR 2A,	LC#2A-18.5	$315,000
CR 8, Wirt	LC#08-34	$341,000

Town Bridges
85% County Funding and 15% Town funding. County crews designed, constructed, and completed the following structures in 2020:

Town of Almond	BR#04-19, Bush Road	$240,000
Town of Burns	BR#11-09, Narrows Road	$160,000

Also, crews completed the following work:

- Installed steel sheet piling and used bridge beams along the bank behind the Court House to stabilize the parking lot.
- Replaced Local Culvert 31A-18 on CR 31A with District Crew with an 84" x 90' steel pipe.
- Removed and replaced guide rail on CR 34. +/- 2500'

Bridge Maintenance
Bridge Maintenance performed the following tasks in 2020:

Task	Number of Structures
General repairs for flagged structures	4
General repairs for non- flagged structures	4
Cleaned and painted	39

Highway

CHIPS Fund
CHIPS aid received from NYS in 2020 was reduced by 20% this year for a total received of $2,571,148.

Paving
By utilizing CHIPS funds, 20 miles of County roads were paved this year.

Cold in Place Recycling
By utilizing CHIPS funds, 11 miles of County roads were CIPR this year.

Surface Treatment
Using local funds, over 31 miles of County road surfaces received treatment this year. 13 miles received an oil and stone treatment. The remaining 18 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, Alma, and Clarksville which covers 27 miles of road. Each of the remaining 26 towns will receive $3,650.00 per centerline mile for the 2020-2021 season amounting to $1,153,400.00 for the 316 miles serviced.

Sign Department	**2019**	**2020**
Total number of signs on County Routes	4,481	4,440
Total number of installations	3,002	2,950
Signs and/or posts replaced due to vandalism	210	108
Signs and/or posts replaced due to accidents/snowplow damage	146	37
Signs and/or posts replaced due to miscellaneous	143	77
New Installations	10	18
Installations removed	1	70
Seasonal Installations - Installed and Removed	17/17	17/17

Road Machinery

The following equipment was purchased new 2020:

Highway

1 Tandem Axle Dump Truck	$161,000
1 Pavement Roller	$29,000
1 Crew Truck	$83,000
1 75 HP Excavator	$184,000

Solid Waste

4 40 Yard Open Top Containers	$23,000
1 One Ton Dump Truck with Sander	$47,000

Rented Equipment

DPW rented a Highway Class Paver and Roller during the summer construction season

Also, the Bridge Maintenance's Under Bridge unit complete overhaul was accomplished this year and put back into service.

Miscellaneous Work

DPW continued to provide and receive 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.

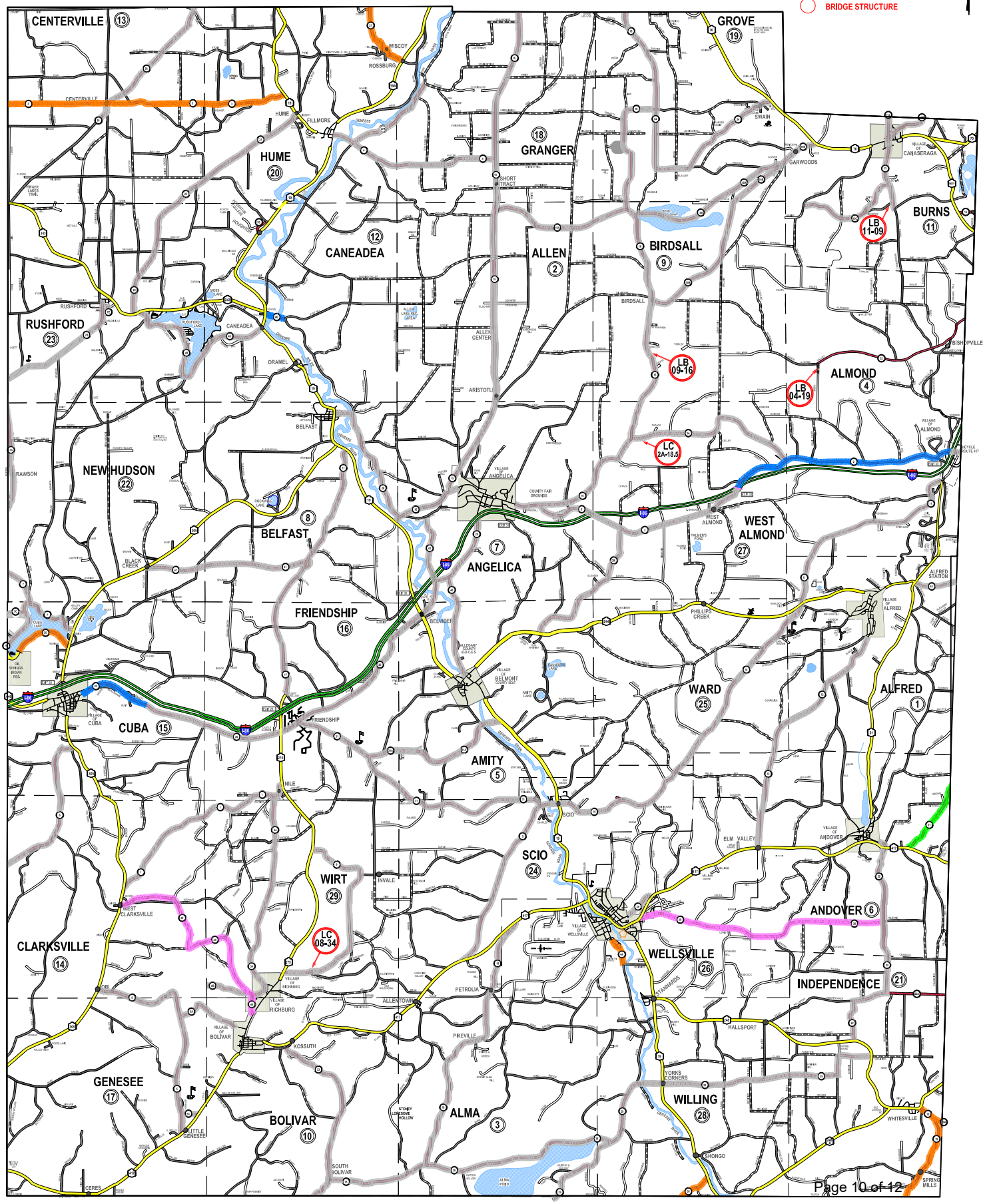
Highway employees assisted the Office for the Aging during the first three months of COVID 19 with meals on wheels deliveries. Highway employees also prepared and paved the Board of Elections parking lot and driveway/parking area for DSS.

2020 COMPLETED PROJECTS

SUPERINTENDENT: JUSTIN D. HENRY
DEPUTY I: DEAN SCHOLES
CREATED BY: RORY O'HAGAN, ENGINEER TECHNICIAN

Department of Public Works
Allegany COUNTY
New York

FIBER
PAVING
CHIPSEAL
CRACKSEAL
CIPR
NOVA
BRIDGE STRUCTURE



Solid Waste

Allegany County DPW continued its work with Barton & Loguidice to create a draft version of the county's Local Solid Waste Management Plan (LSWMP) identifying 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. Allegany County held a virtual public meeting on December 16, 2020, to present an overview of the Draft LSWMP.

Pursuant to the revised Part 360 Solid Waste Regulations as promulgated by the State of New York Department of Environmental Conservation, the public was advised written comments could be submitted until January 25, 2021.

Landfill and Transfer Stations

The Solid Waste staff continued hauling residential waste collected at county transfer stations. 10,971 tons were hauled to the Hyland Landfill (operated by Casella) in Angelica and 427 tons were hauled to Steuben County's Landfill in Bath, NY.

In 2020, Allegany County personnel hauled 995,859 gallons of landfill leachate to local wastewater treatment plants at a cost of $24,896 ($.025/gallon).

Recycling Program

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

Commodity	Tonnage	Commodity	Tonnage
Cardboard	**302.87**	**Tires**	**182.95**
Glass	**89.36**	**Electronics**	**59.03**
Metal Cans	**52.33**	**Textiles**	**60.86**
Batteries	**8.18**	**Scrap Metal**	**408.59**
Plastic	**78.87**	**White Goods**	**67.94**
Mixed Papers	**185.72**	**Total Recyclables**	**1496.69**

The total revenue brought in for the sale of recyclables in 2020 is $84,634.52.

The 22nd annual Household Hazardous Waste Collection day was held on September 19th, 2020. This event serviced 155 households and successfully removed 3,641 pounds of solid hazardous materials and 688 gallons of liquid hazardous materials from the waste stream. The cost of the event totaled $11,004.90. A grant application has been submitted to the NSDEC for reimbursement of up to 50% of this amount.

In 2020 we continued quarterly E-Waste Collections and monthly television collections. These events collected a total of 59.03 tons of E-Waste. These events cost a total of $17,555.55. The New York State Department of Environmental Conservation has eliminated their grant opportunity which previously provided reimbursement for up to 50% of the cost of E-Waste Recycling.

The Allegany County Syringe Disposal Program collected 845 pounds of sharps for proper disposal and 1280 individual sharps containers were distributed. These containers are provided in cooperation with the New York State Aids Institute and the Extended Syringe Access Program.

Total revenue brought in for the sale of recyclables in 2020 was $87,235.69 and the total tonnage collected was 1,619.95.

Buildings & Grounds

The Buildings & Grounds Crew completed 5,309 work orders during 2020, 78 of those being an emergency or high priority work orders. Crews also accomplished 3,751 preventive maintenance work orders to county equipment assets during 2020. Also, the crews were involved in an extensive array of COVID-19 support operations throughout the year.

County Office Buildings

The Public Works Buildings & Grounds Department completed the Employment & Training Annex renovations. Also, they made upgrades and improvements of the office areas Ground & First Floors DSS.

Jail Facility

At the jail, in addition to COVID-19 support efforts work continued in the area of Plumbing leak detection and elimination.

Other County Buildings

The Buildings & Grounds Department was actively involved in a variety of COVID-19 support in all County Buildings. We also initiated action to transfer all the high bay lighting and some of the lower level indoor lighting in both the Highway and the Landfill buildings from the more expensive halogen, mercury vapor, and fluorescent type lighting to LED lighting.

Other items of significance

- Initiated action to transfer the Department to the Executime Payroll System.
- Initiated action to transfer to the PubWorks operating software from Facility Dude.