

2022

**SARATOGA COUNTY
DEPARTMENT OF PUBLIC WORKS
2022 ANNUAL REPORT**



**HIGHWAY – AIRPORT – RECYCLING
BUILDINGS & GROUNDS**

**CHAD M. COOKE, P.E.
COMMISSIONER**





Saratoga County

Department of Public Works

Mission

To advance the life, safety and general welfare of the public by being effective, efficient and responsible for planning, engineering, construction and operation/maintenance of the following:

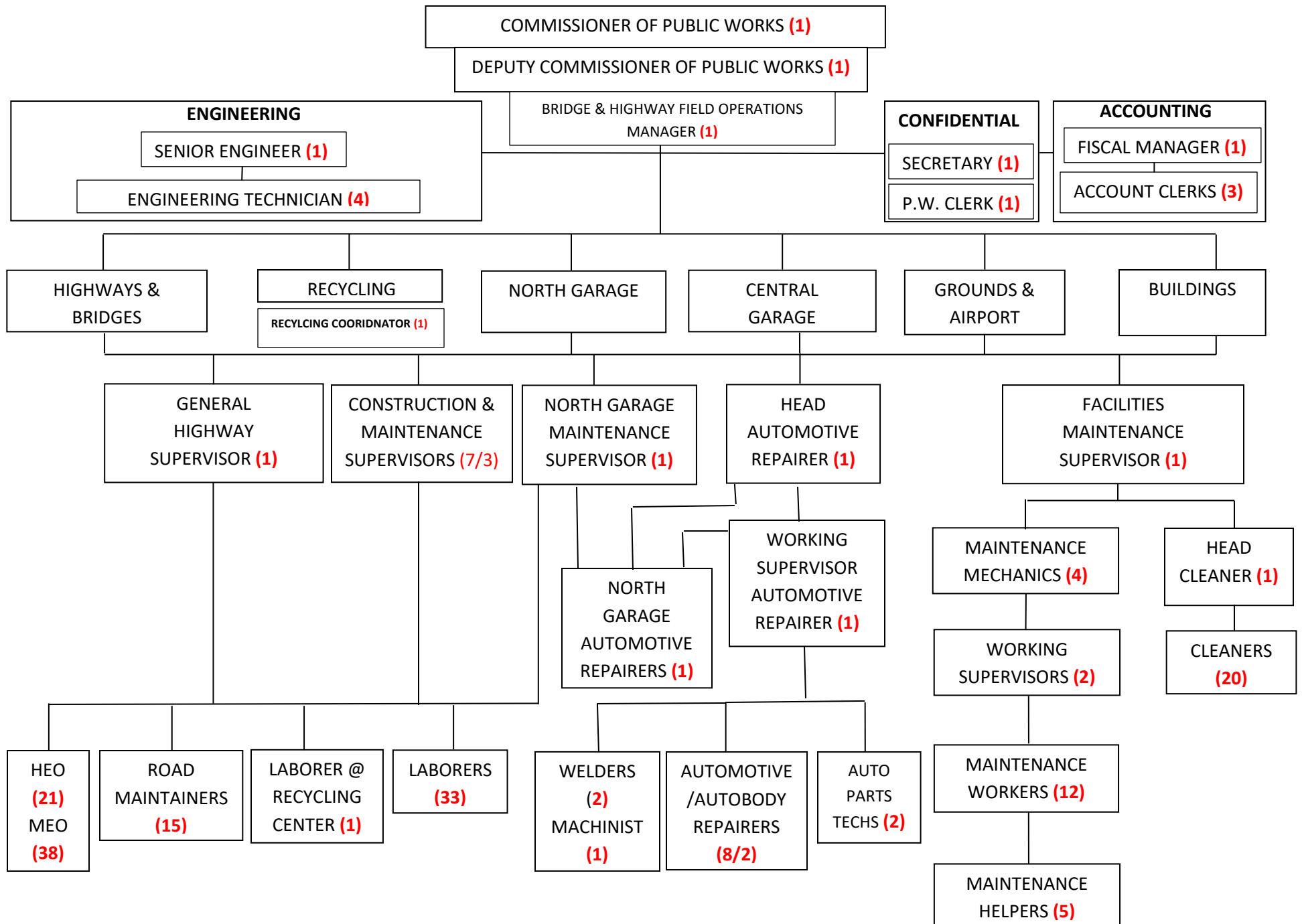
Transportation System: Roads, Bridges & Culverts

County Facilities, Buildings & Grounds

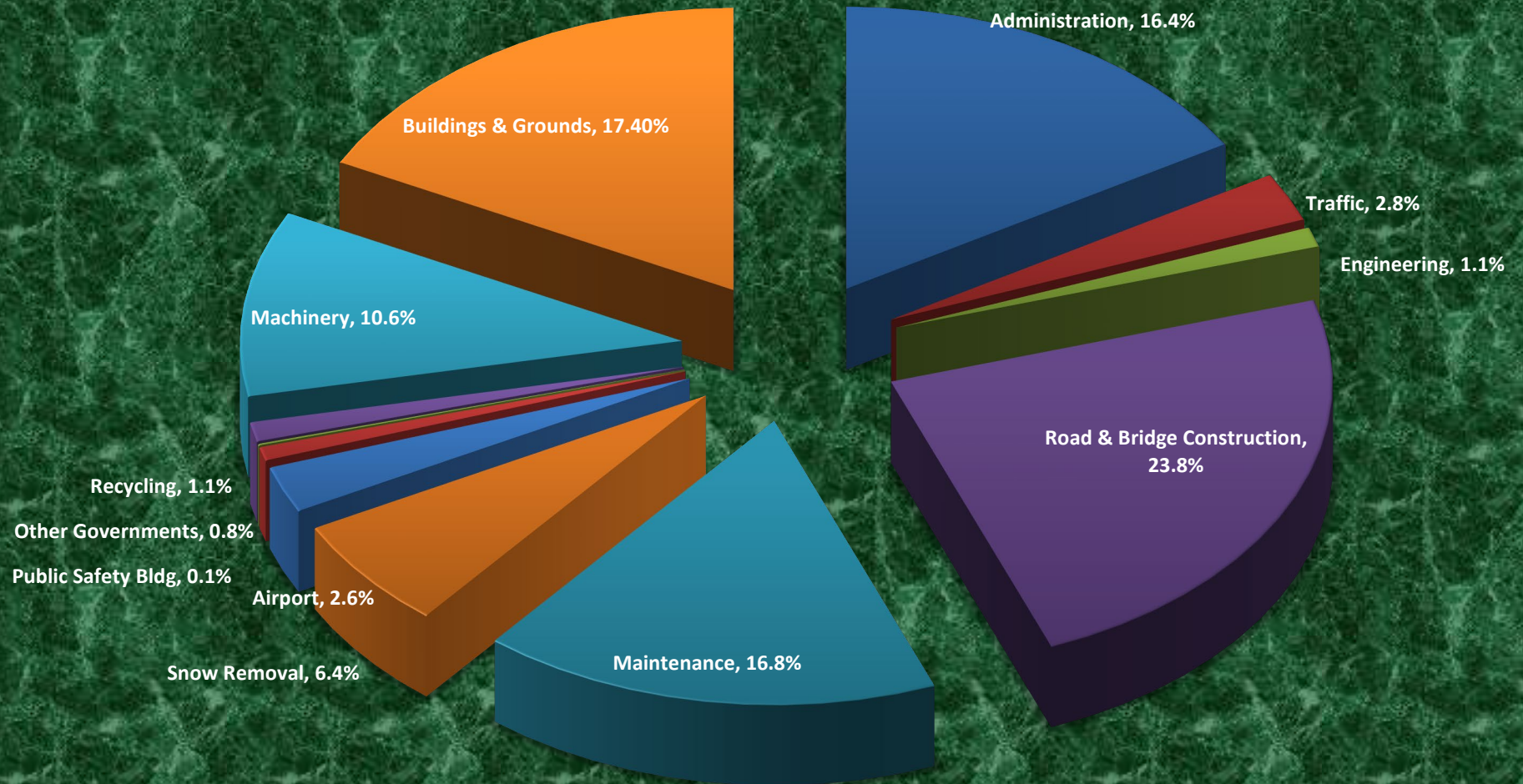
County Airport

Recycling

SARATOGA COUNTY DEPARTMENT OF PUBLIC WORKS



Saratoga County Department Of Public Works 2022 Expenditures



Approximate D.P.W. Total \$37,378,846 as of 1/26/23

DEPARTMENT OF PUBLIC WORKS 2022 ANNUAL REPORT

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I. HIGHWAY DIVISION

A. HIGHWAYS

The Highway Division of Public Works is charged with the management and construction of the highway infrastructure for Saratoga County consisting of approximately 365 centerline miles of highway. The following capital projects comprised the 2022 highway reconstruction program for the 28.87 miles of county highway along with construction methods used.

County Road	Town	Section	Miles	Pavement Rehabilitation*	Completion
2A	Northumberland	SR 32 to 0.19M Easterly	0.19	FDR / Binder & HMA	October
21C	Greenfield	King Road to SR 9N	2.21	Mill and add HMA Overlay	August
22A	Saratoga Springs	I-87 to US 9	1.24	Shim and HMA Overlay	July
31A	Northumberland / Moreau	CR 32 to Old West Road	1.87	FDR / Binder & HMA Overlay	October
45C	Galway	Galway Village Line to CR52	2.22	Partial FDR / Binder and HMA Overlay	September
51D,E	Ballston	Charlton Town Line to SR 50	3.26	CIP Recycle and HMA	August
52C	Charlton	CR 51 to Packer Road	1.35	CIP Recycle and HMA	September
59D	Milton	CR45 to SR 29	2.94	Partial Heat Scarify / HMA Overlay	September
67B	Saratoga	Burke Road to CR 68	2.55	FDR / Binder & HMA	November
110B	Ballston	CR 339 to SR 50	0.62	HMA Overlay	October
19C	Greenfield	SR 9N to Porters Corners	1.78	FDR / Binder and HMA	July
24A	Corinth	Corinth Village Line to CR 25	2.90	Heat Scarify / HMA	September
29E	Moreau	Morrison Farm to SR 197	0.76	FDR / Binder and HMA	August

29B	Moreau	Callahan Road to Peters Road	2.50	Micro Pave	September
91B	Clifton Park	Riverview Road to Miller Road	2.48	HMA Overlay	June
		TOTAL	28.87	Miles	

*** Pavement Rehabilitation Methods:**

FDR: Full depth reclamation (7-9 inches)

HMA: 1.5" hot mix asphalt top

HMA Overlay: 1 to 1.5-inch hot mix asphalt placed on existing road surface.

Binder: 3" No. 3 asphalt base

Cold Mill: Removal of 1.5 inch of asphalt wearing surface

CIP Recycle: Existing asphalt is Cold-In-Place Recycled with added emulsion.

Heat Scarification: Top 2" Asphalt surface is heated, graded and re-compacted.

◆ **County Road 2 (Peters Road) – 0.19 miles in the Town of Northumberland.**

The project limits were from State Route 32 to 0.19 miles easterly. The project consisted of a total distance of 0.19 miles. The pavement surface was reclaimed to a depth of 7 to 9 inches using a full depth reclamation technique. The road surface was then shaped by a grader and compacted using construction rollers. A 3 inch thick asphalt binder was then placed and compacted on the reclaimed surface. This section of pavement was then overlaid with 1.5 inches of No. 6 asphalt. A tack coat was placed on the 0.19 miles of overlaid road to improve adhesion with new asphalt pavement. This section of CR 2 is referred to as 2A.

◆ **County Road 19 (North Greenfield Road) – 1.78 Miles in the Town of Greenfield.**

The project limits were from State Route 9N to Porters Corners. The project consisted of a total distance of 1.78 miles. The entire road surface was reclaimed to a depth of 7 to 9 inches using full depth reclamation technique. The road surfaced was then shaped by a grader and compacted using construction rollers. A 3 inch thick asphalt hot-mix binder was placed over the reclaimed surface. A tack coat was then applied and a 1.5 inch HMA wearing course.

◆ **County Road 21 (Middle Grove Road) – 2.21 Miles in the Town of Greenfield.**

The Project limits were from Kings Road to State Route 9N. The project consisted of a total distance of 2.21 miles. Bad spots were full depth reconstructed. The entire length of the project was profile milled. Approximately 1.0 mile received a 1 inch shim course. Tack coat was applied and a 1.5 inch HMA top wearing course was placed.

- ◆ **County Road 22 (Crescent Road) – 1.24 Miles in the Town of Saratoga Springs.** The project limits were from I-87 to State Route 9. The project consisted of a total distance of 1.24 miles. The existing asphalt wearing surface was shimmed with an approximate 1 inch HMA shim course to remove any wheel ruts and imperfections. A tack coat was applied and a 1.5 inch HMA top wearing course. Drainage improvements were made as part of this project.

- ◆ **County Road 24 (Palmer Road) – 2.90 Miles in the Town of Corinth.** The Project limits were from the Corinth Village Line to CR 25. The project consisted of a total distance of 2.90 miles. The existing asphalt wearing surface was heat scarified to a depth of approximately 2 inches to resurface, correct the profile and fix minor imperfections. Once the surface was cured, a tack coat and a 1.5 inch HMA top wearing surface was applied. Drainage upgrades were also performed on this project, one (1) 36 inch pipe crossing and five (5) other smaller pipe crossings.

- ◆ **County Road 29 (West River Road) – 0.76 miles in the Town of Moreau.** The project limits were from Morrison Farm to State Route 197. The project consisted of a total distance of 0.76 miles. Approximately 0.62 miles of the road surface was reclaimed to a depth of 7 to 9 inches using full depth reclamation technique. The road surfaced was then shaped by a grader and compacted using construction rollers. A 3 inch thick asphalt hot-mix binder was placed and compacted on the reclaimed surface. A tack coat was applied and a 1.5 inch HMA top course was placed on the entire section of roadway. Approximately 1,900 feet of box beam rail was replaced during this project. This section of CR 29 is referred to as 29E.

- ◆ **County Road 29 (West River Road) – 2.5 miles in the Town of Northumberland.** The project limits were from Peters Road (T) to Callahan Road (T). The project consisted of a total distance of 2.5 miles. In 2021 the entire road surface was reclaimed to a depth of 7 to 9 inches using full depth reclamation technique. The reclaimed material was mixed with additional stone and then placed on the soil base. The road surfaced was then shaped by a grader and compacted using construction rollers. A 3 inch thick asphalt hot-mix binder was placed in two lifts (1.5 inch per lift) and compacted. The final asphalt binder was fog/sand sealed following compaction. In the fall of 2022, the binder/fog sealed surface received a micro overlay wearing surface to complete the surface treatment. This section of CR 29 is referred to as 29B.

- ◆ **County Road 31 (Fortsville Road) – 1.87 miles in the Towns of Northumberland and Moreau.** The project limits were from CR 32 to Old West Road (T). The project consisted of a total distance of 1.87 miles. The entire road surface was reclaimed to a depth of 7 to 9 inches using full depth reclamation technique. The road surfaced was then shaped by a grader and compacted using construction rollers. A 3 inch thick asphalt hot-mix binder was placed and compacted. A tack coat was then applied to the binder surface and a 1.5 inch HMA wearing course was paved.

- ◆ **County Road 45 (Ballston Road) – 2.22 miles in the Town of Galway.** The project limits were from the Galway Village Line to CR 52. The project consisted of a total distance of 2.22 miles. Approximately 0.75 miles of the pavement surface was reclaimed to a depth of 7 to 9 inches using a full depth reclamation technique. The road surface was then shaped by a grader and compacted using construction rollers. A 3 inch thick asphalt binder was then placed and compacted on the reclaimed surface. The entire pavement surface (2.22 miles) was tack coated and overlaid with 1.5 inches of No. 6 asphalt wearing surface.

- ◆ **County Road 51 (Charlton Road) – 3.26 miles in the Town of Ballston.** The project limits were from the Charlton Town line to State Route 50. The project consisted of a total distance of 3.26 miles. The pavement surface was recycled by a cold-in-place process approximately 6 inches deep with added emulsion. The surface was then fog sealed as necessary. The surface is allowed to cure, a tack coat is applied and then overlaid with 1.5 inches of No. 6 top asphalt wearing surface. Drainage improvements were also performed on this project.

- ◆ **County Road 52 (Jockey Street) – 1.35 miles in the Town of Charlton.** The project limits were from County Road 51 (Charlton Road) to Packard Road. The project consisted of a total distance of 1.35 miles. The pavement surface was recycled by a cold-in-place process approximately 6 inches deep with added emulsion. The surface was then fog sealed as necessary. The surface is allowed to cure, a tack coat is applied and then overlaid with 1.5 inches of No. 6 top asphalt wearing surface.

- ◆ **County Road 59 (Middle Line Road) – 2.94 miles in the Town of Milton.** The project limits were from County Road 45 to State Route 29. The project consisted of a total distance of 2.94 miles. Approximately 2.02 miles of the project was trued and leveled, tack coated and topped with 1.5 inches of No. 6 asphalt. The other 0.92 miles of pavement surface was recycled by a heat scarification process approximately 2 inches deep. The surface is allowed to cure, a tack coat is applied and then overlaid with 1.5 inches of No. 6 asphalt wearing surface. Drainage improvements were also performed on this project.

- ◆ **County Road 67 (Quaker Springs Road) – 2.55 miles in the Town of Saratoga.**
The project limits were from Burke Road to CR 68. The project consisted of replacement of culvert pipes, ditching and tree clearing. The full depth reclamation will be performed in 2023 with 3 inches of new binder and a 1.5 inch new HMA top wearing courses.

- ◆ **County Road 91 (Riverview Road) – 2.48 miles in the Town of Clifton Park.**
The project limits were from Miller road to approximately Nott Road. The project consisted of tack coat and a 1.5 inch HMA wearing surface.

- ◆ **County Road 110 (Kingsley Road) – 0.62 miles in the Town of Ballston.** The project limits were from State Route 50 to CR 339. The project consisted of milling at all of the tie-in locations to maintain the curb reveal. Then tack coat was placed with a 1.5 inch HMA wearing course.

Most 2022 projects listed above were paved with Saratoga County's standard 10 foot wide travel lanes and 4 foot wide paved shoulders where possible. In addition to pavement rehabilitation and reconstruction tasks, the above projects included other work such as; traffic sign installation/replacement, drainage system reconstruction, vegetation removal/control, erosion control, installation and repair of guiderail, and roadway striping. The roadway reconstruction work was completed primarily by D.P.W. forces. Specialty pavement processes were completed

B. BRIDGES

In 2022, four (4) bridges were rehabilitated or repaired. The completed work is summarized as follows:

Bridges Rehabilitated:

B.I.N. 3305510, L.I.N. 131.00, County Road 9 (River Street) over the Hudson River (a.k.a Corinth Bridge), Town of Corinth. The ownership of this bridge is shared with Warren County. Those bridge rails that were heavily rusted/deteriorated were replaced across this 634 foot span bridge. Warren County reimbursed Saratoga County for 50% of the costs for this rehabilitation.

B.I.N. 3304770, L.I.N. 190.00, Hadley Hill Road (T) over Paul Creek, Town of Day. This 35 foot span bridge was rehabilitated. The existing bridge deck was removed. The existing abutments were rehabilitated and new back walls, seats and pedestals were constructed to accommodate the new galvanized steel superstructure with concrete deck. New bridge and approach rail was also installed.

Bridge Repaired:

B.I.N. 3304210, L.I.N. 192.00, County Road 7 (South Shore Road) over Daly Creek, Town of Day. This 35 foot span bridge was repaired. NYSDOT had issued a yellow flag due to undermining of the structure. The undermining was repaired and the yellow flag has been removed.

B.I.N. 3304230, L.I.N. 140.00, County Road 1 (Stony Creek Road) over Wolf Creek, Town of Hadley. This 28 foot span bridge was repaired. NYSDOT had issued a yellow flag due to deterioration of the steel superstructure. The steel was repaired and the yellow flag has been removed.

Bridge Crew

The county bridge crew continued to perform required maintenance on numerous county owned bridges and culverts including, but not limited to; mowing of embankments, cleaning, installation of scour protection, miscellaneous repairs, removal of channel debris, railing, slip lining older pipes and asphalt repairs. The bridge crew also maintains and rehabilitates stone retaining/guiderail walls on county roads.

C. HIGHWAY, BRIDGE / GROUNDS MAINTENANCE PROJECTS

Maintenance projects completed in 2022 include the following:

- ◆ **County Road 4 (North Shore Road) Town of Day – Culvert Replacement.** A 28 inch diameter concrete culvert pipe failed and was replaced with 140 feet of 36 inch diameter smooth bore HDPE pipe. The pipe was located in the vicinity of the intersection with CR 7 South Shore Road in the Town of Day. Work required an emergency and temporary re-routing of traffic through the wide intersection staging to allow traffic to pass through. Work was completed as efficiently as possible and open to existing traffic pattern by the end of the week.
- ◆ **County Road 8 (Conklingville-Linwood Road) Conklingville Dam Bridge – Deck Repairs.** Spalled sections on the bridge were removed and repaired with a high strength patch material.
- ◆ **County Road 22 (Crescent Ave) – Culvert Pipe Repair.** Slip lined a 30 inch culvert pipe with 75 ft. of 24 inch Snap-Tite pipe. Also, replaced 60 feet of 12 inch metal pipe with 12 inch poly pipe and formed and poured a replacement DI at Reservation Ave.
- ◆ **County Road 24 (Spier Falls Road) – Culvert Repair.** The repair was made to temporarily support and stabilize the shoulder section of the road. The replacement is scheduled for 2024.
- ◆ **County Road 31 (Fortsville Road) – Culvert Pipe Replacement.** The culvert was replaced and upsized to a 36 inch SICPP to handle the runoff and ponding issue.
- ◆ **County Road 34 (Northern Pines Road) – Culvert Pipe Replacement.** This 48 inch steel pipe was replaced with a 48 inch SICPP due to deteriorated section and road failure.
- ◆ **County Road 51 (Charlton Road) – Drainage Repair.** Repair one deteriorated DI, replaced one DI and removed and replaced 80 ft. of 12 inch metal pipe with 12 inch poly pipe. Location near the Charlton City Community Center.
- ◆ **County Road 52 (Swaggertown Road) Bridge over the Alplaus Kill – Repair.** Minor repairs on the bridge joints were made to correct the safety of the road.
- ◆ **County Road 56 (Hop City Road) Bridge over the Mourning Kill – Repair.** Minor repairs on the bridge wing walls were made to stabilize. Overgrowth was

cleaned up in the area and stone was placed to stabilize the slopes. BIN # 3304390, LIN 309.

- ◆ **County Road 60 (Brookline Road)** near the intersection with State Route 50. This section of road was repaired by the low, deteriorated sections being removed and rebuilt. Traffic utility boxes were raised to accommodate the raised asphalt. The area was surveyed and used to correct runoff and proper drainage.
- ◆ **County Road 64 (Nelson Ave. Ext.)** Existing 48 inch culvert pipe was slip lined with 45 feet of 42 inch Snap-Tite pipe and new headwalls were installed to correct an existing deteriorated pipe.
- ◆ **County Road 97 (Fonda Road).** Failure areas were removed and reconstructed. Binder was placed, tack coat was applied and a 1.5 inch HMA wear surface.
- ◆ **Supervisor's Parking Lot – Reconstruction.** The existing asphalt was removed. Subbase was added and re-graded for proper drainage. The lot was then repaved with HMA binder and top.
- ◆ **DA's Parking Lot – Reconstruction.** The existing asphalt was removed. Subbase was added and re-graded for proper drainage, wet spots excavated and repaired with geo-fabric and new subbase. New 4 inch underdrain was installed around the perimeter for drainage. The lot was then repaved with HMA binder and top.
- ◆ **North Garage Back Lot – Reconstruction.** The existing asphalt was removed. Subbase was added and re-graded for proper drainage. The lot was then repaved with HMA binder and top.
- ◆ **Town of Day Park – Reconstruction.** The existing asphalt was recycled. Subbase was added and re-graded for proper drainage. The asphalt will be placed in 2023.
- ◆ **Shim / Wedge Projects** – Smaller projects to address localized failure of pavement surface to improve drivability of road surface and extend life of pavement were completed in 2022 along portions of the following roads. Locations include:
 - CR 34 Northern Pines (Wilton)
 - CR 60 Brookline Rd (Ballston)
 - CR 92 Crescent Road (Clifton Park)

- ◆ CR 45 over Kayderosseras Creek - Repaired spalled areas on the bridge deck, headwalls and wing walls. BIN # 3304350, LIN 119.20
- ◆ Curb repair on Mechanic Street Bridge in Ballston Spa. BIN # 3304330, LIN # 110
- ◆ Bridge deck repairs on Jones Road – Repaired shallow potholes in asphalt overlay on bridge deck. BIN # 2260020, LIN 299.12
- ◆ Repaired a small section of faulty lighting on the Batchellerville Bridge.
- ◆ Fenimore Bridge curb repairs. BIN # 3368290, LIN # 59.10
- ◆ Repair scour in ditch with stone fill at #112 County Road 97 (Fonda Road) in the Town of Waterford.
- ◆ Repaired the ditching south of Chapel Hill Road on County Road 82 (Eastline Road).
- ◆ Repaired the ditching near #966 County Road 91 (Grooms Road)
- ◆ County Road 110 (Blue Barns Road) drainage repairs. Replaced 36 inch drop culvert, repaired two 36 inch drop culverts and replaced 80 feet of 12 inch pipe.
- ◆ Repaired asphalt on County Road 82 (Main Street) near Charlton Rd, full depth repair with new fabric, stone, and asphalt.
- ◆ Repaired two small sections of road County Road 75 (Mechanicville-Stillwater Road) very near to the Village of Stillwater line.
- ◆ Installed new drop inlet and replaced deteriorated 12 inch metal pipe with 12 inch poly pipe. Ditched to next town. County Road 54 (Stage Rd.) at Edwin Dr.
- ◆ Removed and installed new drop inlet and replaced asphalt gutter that tied into it on CR 101 (Corinth Mountain Rd) by Woodard Rd.
- ◆ Building 4 (adjacent) temporary office site prep. Removed stump, excavated for subgrade, added 12 inch of compacted subbase, installed underdrain and formed and poured small concrete landing pad for the stairs.
- ◆ Realigned intersection of County Road 92 (Vischer Ferry Road) and Riverview Road. The intersection is now a three way stop.
- ◆ Repaired eight (8) failed sections of road on County Road 97 (Fonda Road). Full depth repair with excavation, new fabric, stone, and asphalt.
- ◆ Ground tree stumps on County Roads 92 (Crescent Road) near Riverview Rd and CR 91 (Grooms Road) as part of the reconstruction projects on those roads.

- ◆ Ground tree stumps at Department of Social Services and placed topsoil, seed and mulch.
- ◆ Repaired pushed and broken asphalt driveway at Department of Social Services, full depth repair with new fabric, stone, and asphalt.
- ◆ Ditched and placed light stone fill on County Road 97 (Fonda Road) near houses #112 and #114 to correct the scoured / washed out ditch line.
- ◆ Built two 12 feet x 36 feet concrete pads at Central Garage for dumpsters.
- ◆ Built a 60 feet x 50 feet extension for the Sheriffs impound yard. Excavated and stabilized the ground with 6 inches of Item 4. Installed new fence and gates.
- ◆ Replaced 3,100 feet of guiderail on County Road 4 (North Shore Road) from ribbon rail to our standard box beam.
- ◆ Stabilized slope by adding and locking large stones together with light stone fill and concrete at the Bow Bridge in Hadley.
- ◆ Excavated and repaired box culvert on County Road 24 (Spier Falls Rd). Poured Portland cement in voids and placed one inch steel plate to stabilize shoulder. This is done as a temporary repair.
- ◆ Replaced guiderail as part of a highway road reconstruction project on County Road 29 (West River Road).

In addition, continual maintenance of Saratoga County's 365 mile highway system included:

- ◆ Snow and Ice Control.
- ◆ Roadside mowing within the County right-of-way to provide maximum visibility for vehicles entering and the prevention of root encroachment into the sub-base.
- ◆ Repairs of road deficiencies such as; low shoulders and potholes due to wear and tear.
- ◆ Clearing roadside ditches and culverts for positive drainage.
- ◆ Removing and trapping beavers and their dams.
- ◆ Removal of hazardous trees and overhanging tree limbs.
- ◆ Sweeping of roadways as required.
- ◆ Repair of damaged guiderail.

D. TRAFFIC DIVISION

- ◆ **CR 90 (Grooms Road) & 91 (Vischer Ferry Road) Traffic Signal, Town of Clifton Park.** The installation of this new traffic signal was completed in 2022.

The Traffic Division performs the following tasks on an on-going basis:

- ◆ Roadway striping using the County owned paint striper for all County roads. Approximately 1,600 miles of centerline and edge line delineation for County roads, in addition to many town roads, were striped in 2022. The following towns and villages contracted with Saratoga County in 2022 for their roadway striping; Ballston, Ballston Spa, Clifton Park, Corinth, Edinburg, Greenfield, Hadley, Halfmoon, Milton, Moreau, Northumberland, Saratoga, South Glens Falls, Stillwater, Waterford and Wilton.
- ◆ Maintain, repair and replace traffic signs, as needed, from the approximately 9,000 County highway sign inventory. This includes updating all traffic signs to ensure they conform to the Manual of Uniform Traffic Control Devices. Routinely, throughout the year, signs are fabricated to maintain inventory.
- ◆ Delineators on County roads are repaired and/or replaced as needed. All guiderail on 2022 reconstruction projects were marked with delineator plates.
- ◆ Install & maintain identification markers on County owned culverts.
- ◆ Install/maintain signs for the Saratoga County Adopt-a-Roadside Program. There are presently 41 organizations participating in this program.
- ◆ Obtain Traffic counts annually on 50% of all county roads. The counts are used for traffic studies, reconstruction planning and are provided to the N.Y.S.D.O.T. In addition, special counts were obtained at specific intersections for traffic safety studies, as needed.
- ◆ Provide striping and decals for all County vehicles as required.
- ◆ Maintenance and operation of sixteen (16) county owned traffic signals. All bulbs are changed annually for safe and uninterrupted service.
- ◆ Erect construction signage and variable message boards in accordance with the Manual of Uniform Traffic Control Devices in order to maintain and protect traffic during highway and bridge reconstruction projects.
- ◆ Install reflective pavement tape at stop bars, median islands, turn arrows, school crossings, and railroad crossings as needed.
- ◆ Continually update the sign inventory in our sign management database and for use in our G.I.S. system to keep traffic control records current.
- ◆ Cut and trim brush around signs and intersections, as necessary, to maximize sight distance.
- ◆ Provide preventative maintenance and winterize the County owned paint striper.
- ◆ Maintain (5) portable variable message signs.
- ◆ Maintain two (2) portable traffic signals.

E. MACHINERY

Winter Maintenance:

Throughout the year, the Department of Public Works continued its winter maintenance activities including; advanced planning for replacements/repairs needed for plow trucks, hoppers and other weather-related equipment. Refer to Section N for the Saratoga County Public Works 2022 Snowfall Report.

Vehicle and Equipment Maintenance:

In 2022, The Department of Public Works maintained nearly 1,000 County vehicles and pieces of equipment. This includes Public Works vehicles, heavy equipment, as well as vehicles for 13 other County departments, from chainsaws and tandem trucks to snowmobiles, boats and sheriff patrol vehicles. In addition, we also maintain 27 portable emergency back-up generators for various departments.

Our in-house auto body shop is responsible for everything from major collision repairs to replacing a broken mirror. They are also tasked with installing the prisoner partitions and related equipment in all patrol vehicles. They do 100% of the specialty fit-up required for the K-9 units as well. In addition to their typical workload of deer collisions and traffic accidents they also do specialty work such as, repainting, re-coloring, re-purposing vehicles, modifying and changing bodies on vehicles.

The metal working segment of our shop consists of two welder/fabricators and a machinist. Their main objective is to repair equipment in need of structural work onsite and in the field. They have rebuilt multiple snowplow/wing combinations this year that typically would have been retired from service. This is especially important this year as three (3) of our new plow trucks that were ordered failed to arrive as scheduled due to COVID and supply chain issues. They also routinely complete building maintenance related tasks.

Our parts department has been especially busy. The nationwide shutdown resulted in a serious shortage of auto parts which require exhaustive searches for needed parts. We also have posted a large quantity of surplus old stock and retired equipment up for auction this year resulting in added revenue while reducing onsite clutter.

Capital Equipment Purchases:

Highway Equipment:

- 2 - Large Plow Trucks
- 2 - Utility trucks
- 3 - Pick Up Trucks
- 1 - Tractor Truck
- 1 - Guiderail Trailer
- 1 - Utility Trailer
- 1 - Roller
- 1 - Tractor Mower
- 1 - Lowboy Trailer
- 1 - Ventrac Tractor
- 1 - Utility Tractor

Buildings and Grounds Equipment:

- 1 - Service Truck
- 1 - Cargo Minivan

F. OTHER

The Engineering Department performs a variety of tasks related to matters such as design work, training, record keeping, preparing specifications, highway permits, consultant/contractor/vendor management and inspections as described in the following:

- ◆ Perform annual road rating which systematically prioritizes the rehabilitation and maintenance needs of all county highways.
- ◆ Perform comprehensive inspections on County owned culverts (span: 5' to under 20').
- ◆ Inventory County road mileage as required by N.Y.S.D.O.T.
- ◆ Create specifications for all construction and highway materials such as asphalt concrete, rubble, and reflective sheeting for traffic signs. Bid results are forwarded, as requested, to all towns, villages and cities for their use.
- ◆ Prepare specifications for all highway capital equipment purchases.
- ◆ Review site plans, subdivision and commercial development plans to determine their impact on the safety of our county highways and issue permits as required.
- ◆ Prepare maps and documentation for the Solid Waste Management Facility (former Saratoga County Gravel Pit / Stump Dump located on NYS RT 29 in the Town of Saratoga) as required by state agencies.
- ◆ Prepare maps and documentation for the airport as required by state and federal agencies.
- ◆ Attend state and federal safety training programs and workshops.
- ◆ Investigate/respond to all correspondence from residents in a timely fashion.
- ◆ Utilize G.I.S. software for storing and analyzing pertinent departmental records.
- ◆ Perform design work for small bridges and culverts as well as miscellaneous projects.
- ◆ Manage and oversee consultants and contractors.
- ◆ Manage and oversee the County petroleum bulk storage tanks, in accordance with NYSDEC regulations.
- ◆ Coordinate with the Kesselring Site for super-moves related to their refueling projects.

The following training programs were conducted by DPW Engineering Personnel in 2022:

- ◆ In person group training programs were not conducted due to COVID-19 pandemic.

In addition, our foremen and supervisors conduct weekly tailgate safety meetings with crew members.

Our In-Person Safety Training Program will resume in 2023.

G. PERMITS

The Department of Public Works has a permit system for entrance onto all County roads and work performed within the county right-of-way. All permits are hard copy and computer database filed. The following is a summary of permits issued to utilities, commercial, subdivision and residential entities over the past 10 years (from 2013 – 2022):

Entrance Permits (Driveways and Streets):

Year	Residential	Commercial	Subdivision	Yearly Total
2013	31	0	0	31
2014	33	6	1	40
2015	35	4	2	41
2016	39	6	5	50
2017	35	18	0	53
2018	30	13	7	50
2019	31	8	0	39
2020	22	21	5	48
2021	24	7	5	36
2022	23	8	0	31

Utility Permits (National Grid, Telephone):

Year	Nat. Grid	NYNEX/Verizon	*Misc.	Yearly Total
2013	56	1	13	70
2014	59	0	9	68
2015	110	1	16	117
2016	45	3	23	71
2017	40	4	12	56
2018	82	2	39	123
2019	104	5	23	132
2020	80	1	66	147
2021	53	5	34	92
2022	75	3	48	126

* Miscellaneous permits include water, sewer, fiber, cable and internet within the county right-of-way.

**H. 2023 HIGHWAY & STRUCTURES RECONSTRUCTION SCHEDULE
(FROM APPROVED 5-YEAR CAPITAL PLAN)**

HIGHWAYS:

Road	Road Name	Section	Miles	Town
9A	River Street	NYS Rt. 9N to Bridge	0.06	Corinth
13B	Fayville Road	Potter Hollow Rd. to Hans Creek	3.35	Providence
24B	Spier Falls Road	CR-25 to Power Station	2.6	Corinth / Moreau
24 D	Spier Falls Road	Sherman Island Boat Launch to East Side of the Mountain	1.19	Moreau
34 A	Northern Pines Road	NYS Rt. 9 to Traver Road	2.29	Wilton
36 B	Wilton/Greenfield Road	Brigham Rd to US 9.	2.76	Greenfield
51 B,C	Charlton Road	Ballston Town Line to CR 52	2.47	Charlton
59 C	Middle Line Road	NYS Rt. 67 to CR 45	2.00	Milton
66 A	Dyer Switch Road	NYS Rt. 9P to CR 65	0.88	Saratoga
339 A	Lake Hill Road	CR 110 to NYS Rt. 50	0.16	Ballston

Total Year 2023: 17.76 Miles

LOCALY FUNDED STRUCTURES:

Road	Bridge / Culvert	Town	B.I.N.	L.I.N.	Phase
Town	Hans Creek Road over Hans Creek	Providence	2202830	177.00	Construction
CR 4	North Shore Road over Beecher Creek	Edinburg	3304790	180.00	Construction
CR 64	Nelson Ave. Over Trib. of Saratoga Lake	Malta	N/A	279.20	Engineering
CR 47	Rowland Street over Rowland Hollow Creek	Milton	N/A	319.60	Engineering

FEDERAL/STATE FUNDED HIGHWAY STRUCTURES:

Road	Bridge / Culvert	Town	B.I.N.	L.I.N.	Phase
Town	Coons Crossing Road over Anthony Kill Replacement	Halfmoon	2202450	10.00	Construction
Town	Lasher Road over Mourning Kill Rehabilitation	Ballston	3304700	104.00	Construction

I. 2023 GOALS FOR SARATOGA COUNTY HIGHWAY DIVISION

HIGHWAYS:

- ◆ Reconstruct 17.76 miles of county roadways in accordance with the 2023 Capital Plan.
- ◆ Finish reconstruction of CR 67 (Quaker Springs Road) in the Town of Saratoga. This was not completed due to end of the season temperatures.
- ◆ Town of Day Park will be paved with a HMA asphalt surface.
- ◆ Continue transferring County highways and facilities mapping into digital format.
- ◆ Continue expansion of G.I.S. database for pertinent departmental records.
- ◆ Continue inventory/inspection program on County owned culverts.

STRUCTURES:

- ◆ Complete the reconstruction of three (3) County owned highway structures under the local program.
- ◆ Complete the engineering for one (1) County owned highway structure under the under the Local Program.
- ◆ Complete the reconstruction of two (2) County owned highway structure under the under the Federal / State Program.

All goals are in accordance with the 2023 Capital Plan.

J. 2021 SARATOGA COUNTY HIGHWAY SYSTEM

(Mileage by Road, NYSDOT 2021)

ROAD NO.	ROAD NAME	MILEAGE
1	Hadley - Stony Creek Road	6.39
2	Peters Road	0.19
4	Northville Road / North Shore Road / Rockwell St	22.70
5	Sinclair Road	3.43
7	South Shore Road / South Shore Road Spur	21.73
8	Conklingville-Linwood Road	1.54
9	River Street Bridge	0.14
10	Mosher Road / Corinth - West Mountain Road	8.74
12	Lake Desolation Road	4.64
13	Barkersville - Fayville Road / Fayville Road	7.39
14	Hagedorn Mills Rd /Fishhouse Rd / Crooked Street	8.61
16	Barkersville Road	4.04
19	North Creek Road / North Greenfield Road	6.57
21	Middle Grove Road	7.85
22	Crescent Avenue	3.52
23	Brook Road	1.01
24	Palmer Avenue / Spier Falls Rd / Eastern Ave	9.96
25	Spier Falls – North Greenfield Road	5.71
27	Bluebird Road / Hudson Falls Road	3.70
28	South Glens Falls - Fort Edward Road	3.05
29	West River Road	9.89
31	Fortsville Road	3.20
32	Wilton - Gansevoort Road / Gansevoort Road	5.19
33	Ballard Road	3.91
34	Northern Pines Road	4.51
36	Wilton-Greenfield Road / Parkhurst road	5.15
39	King Road	4.81
40	Wall Street	2.12
41	Old Ballston Ave. N	0.10
42	Clark's Mill Road	0.45
43	Geyser Road	5.31
44	Cady Hill Blvd	0.41
45	West Galway Rd / Consaul Rd / Perth Rd / West St/ East St / Ballston Rd / Galway Rd / North Line Rd	15.27
46	Duplainville Road / Grande Blvd	0.70
47	Rowland Street	3.03
49	West Milton Rd / Rock City Road	2.94
50	Greenfield Avenue	2.12
51	Charlton Road	8.38
52	Jockey Street / Swaggertown Road	12.39
53	Stage Road / Lake Hill Road	2.92
54	Stage Road	1.13
55	Sweetman Road	2.89

SARATOGA COUNTY HIGHWAY SYSTEM (continued)

ROAD NO.	ROAD NAME	MILEAGE
56	Hop City Road / Scotch Bush Road	5.87
57	Goode Street	6.06
58	Lake Hill Road	0.29
59	Middle Line Road	9.11
60	Brookline Road	1.52
61	Rowley Road	2.24
63	Malta Ave. / Malta Ave. Extension	4.31
64	Nelson Ave / Nelson Ave. Extension	3.48
65	Meadowbrook Road	2.36
66	Dyer Switch Road	0.87
67	Staffords Bridge Road / Quaker Springs Road	6.09
68	Staffords Bridge Road / Cramer Road	3.80
69	Coveville Road	2.43
70	Deans Corners - Wayville Road / Wayville Road	4.74
71	Cedar Bluff Road	4.30
72	100 Acre Woods Way	0.31
73	Rocket Way	0.61
75	Mechanicville - Stillwater Road	5.63
76	Lake Road	6.03
77	Stonebreak Road Ext.	2.05
78	Luther Forest Blvd.	2.20
78	Luther Forest Blvd Roundabouts	0.54
80	Schauber Road / Round Lake Road / Maltaville Road	5.58
82	East Line Road / Main Street	4.94
86	Upper Newtown Road	2.80
88	Riverview Road	0.43
90	Vischer Ferry Road	4.72
91	Riverview Road / Grooms Road	8.35
92	Crescent Road	3.59
94	Guideboard Road / Halfmoon Drive	1.77
95	Harris Road	1.92
96	Middletown Road	3.45
97	Fonda Road	2.58
98	Batchellerville Bridge Road	1.22
99	Church Hill Road	0.83
101	Corinth Mountain Road	0.55
104	Murray Road	1.83
108	Dunning Street / Plains Road	2.24
109	Kinns Road / Farm to Market Road	6.73
110	Blue Barns Road / Kingsley Road	3.37
338	Burgoyne Street / Battle Monument Road	1.34
339	Lake Hill Road	1.10
1345	Pruyn Hill Road	2.30
Total County Road Mileage		364.21

K. 2021 SARATOGA COUNTY HIGHWAY SYSTEM
(County Road Mileage by Town, NYSDOT 2021)

Town	Mileage
BALLSTON	27.83
CHARLTON	18.60
CLIFTON PARK	23.23
CORINTH	13.66
DAY	20.88
EDINBURG	19.46
GALWAY	19.60
GREENFIELD	25.21
HADLEY	17.94
HALFMOON	15.83
MALTA	19.41
MILTON	24.65
MOREAU	19.01
NORTHUMBERLAND	13.97
PROVIDENCE	15.63
SARATOGA	19.51
SARATOGA SPRINGS	14.98
STILLWATER	14.55
WATERFORD	5.34
WILTON	14.92
TOTAL MILEAGE:	364.21

L. 2021 TOWN ROAD MILEAGE
(NYS DOT 2021)

Town	Mileage
BALLSTON	57.90
CHARLTON	46.60
CLIFTON PARK	218.18
CORINTH	42.09
DAY	31.79
EDINBURG	34.93
GALWAY	57.77
GREENFIELD	93.90
HADLEY	38.33
HALFMOON	115.56
MALTA	74.08
MILTON	75.20
MOREAU	84.59
NORTHUMBERLAND	60.16
PROVIDENCE	44.67
SARATOGA	60.07
SARATOGA SPRINGS	141.11
STILLWATER (includes Village)	62.79
WATERFORD	24.30
WILTON	111.51
TOTAL MILEAGE:	1,475.53

M. 2022 INTERSECTIONS

INTERSECTIONS WITH TRAFFIC SIGNALS:

1. C.R. 33 (Ballard Rd.) and North Rd.(T), & Traver Rd. (T)
2. C.R. 43 (Geyser Rd.) and C.R. 44 (Cady Hill Rd.)
3. C.R. 45 (Northline Rd.) and C.R. 47 (Rowland St.)
4. C.R. 77 (Stonebreak Ext.) and C.R. 78 (Luther Forest Blvd.)
5. C.R. 82 (East Line Rd.) and C.R. 80 (Round Lake Rd.)
6. C.R. 90 (Vischer Ferry Rd) and 91 (Grooms Rd.) – New 2022
7. C.R. 91 (Grooms Rd.) and Lapp Rd. (T)
8. C.R. 91 (Grooms Rd.) and Moe Rd. (T)
9. C.R. 92 (Crescent Rd.) and Lapp Rd. (T)
10. C.R. 92 (Crescent Rd.) and Moe Rd. (T)
11. C.R. 92 (Crescent Rd.) and Plaza 8 Dr. (T)
12. C.R. 95 (Harris Rd.) and C.R. 96 (Middletown Rd.)
13. C.R. 96 (Middletown Rd.) and Brookwood Rd. (T)
14. C.R. 96 (Middletown Rd.) and C.R. 97 (Fonda Rd.)
15. C.R. 109 (Kinns Rd.) and Plank Rd. (T)
16. C.R. 110 (Kingsley Rd.) and C.R. 339 (Lake Hill Road)
17. C.R. 110 (Blue Barns Rd.), and Ashdown Rd. (T) & Bradt Rd. (T)

(T) = Town Road

INTERSECTIONS WITH 4-WAY STOPS:

1. C.R. 19 (North Creek Rd.) and Porter Corners Rd. (T) & Allen Rd. (T)
2. C.R. 21 (Middle Grove Rd.) and Sodeman & Sandhill Roads (T)
3. C.R. 22 (Crescent Ave.) and C.R. 64 & Nelson Ave. (City)
4. C.R. 25 (Spier Falls Rd.) and Main St. (T) & Hack Rd. (T)
5. C.R. 27 (Bluebird Rd.) and C.R. 28 (Ft. Edward Rd.)
6. C.R. 45 (Northline Rd.) and Old Post Rd (T)
7. C.R. 45 (Galway Rd.) and C.R. 49 (West Milton Rd.) & Paisley Rd. (T)
8. C.R. 50 (Greenfield Ave.) and C.R. 45 (Northline Rd.)
9. C.R. 51 (Charlton Rd.) and C.R. 56 (Scotch Bush-Hop City Rd)
10. C.R. 51 (Charlton Rd.) and C.R. 57 (Goode St.)
11. C.R. 51 (Charlton Rd.) and C.R. 59 (Middle Line Rd.)
12. C.R. 43 (Geyser Rd) and C.R. 59 (Middle Line Rd.)
13. C.R. 45 (Galway Rd.) and C.R. 59 (Middle Line Rd.)
14. C.R. 75 (Mechanicville - Stillwater Road) and C.R. 76 (Lake Road)
15. C.R. 82 (Main St.) and Mac Elroy (T), Hatlee (T) & Longkill Roads (T)
16. C.R. 90 (Vischer Ferry Rd.) and Clifton Park Center Rd. (T)
17. C.R. 91 (Grooms Rd.) and C.R. 90 (Vischer Ferry Rd.)
18. C.R. 109 (Farm to Market Rd.) and C.R. 1345 (Pruyn Hill Rd.)

(T) = Town Road

N. SNOWFALL REPORT

Saratoga County D.P.W. Snowfall Report

(FROM SARATOGA SPRINGS WEATHER OBSERVATION STATION)

SEASON	MONTH	TEMPERATURE		TOTAL SNOWFALL (INCHES)	DATE OF MAX. SNOWFALL	INCHES OF MAX. SNOWFALL	TOTAL NO. OF OCCURRENCES
		HIGH	LOW				

2019-20

19	OCTOBER	74	31	0.00	-	-	-
19	NOVEMBER	69	8	8.00	11/19/19	5.2	4
19	DECEMBER	48	-1	22.50	12/2/19	11.2	14

SUBTOTAL = 30.50

18

20	JANUARY	61	-4	10.56	1/19/20	5.1	16
20	FEBRUARY	56	-8	18.58	2/10/20	3.3	11
20	MARCH	71	13	10.23	3/24/20	5.2	17
20	APRIL	66	28	T	-	T	5

SUBTOTAL = 39.37

49

SEASON TOTAL = 69.87

67

2020-21

20	OCTOBER	76	22	T	10/30/20	T	1
20	NOVEMBER	73	16	T	-	T	2
20	DECEMBER	61	-6	32.00	12/17/20	37.7	11

SUBTOTAL = 32.00

14

21	JANUARY	41	-8	10.70	1/4/21	4.2	11
21	FEBRUARY	46	-2	17.00	2/2/21	4.2	14
21	MARCH	75	7	0.00	1/0/00	0.0	0
21	APRIL	77	23	2.80	4/2/21	1.5	11

SUBTOTAL = 30.50

36

SEASON TOTAL = 62.50

50

2021-22

21	OCTOBER	75	29	0.00	1/0/00	0.0	12
21	NOVEMBER	33	18	0.80	11/29/21	0.8	13
21	DECEMBER	-	-	7.00	12/18/21	2.0	12

SUBTOTAL = 7.80

37

21	JANUARY	41	-8	10.70	1/4/21	4.2	11
21	FEBRUARY	46	-2	17.00	2/2/21	4.2	14
21	MARCH	75	7	0.00	1/0/00	0.0	0
21	APRIL	77	23	2.80	4/2/21	1.5	11

SUBTOTAL = 30.50

36

SEASON TOTAL = 38.30

73

2022

22	OCTOBER	76	27	-	-	-	-
22	NOVEMBER	76	17	2.40	11/16/22	2.4	14
22	DECEMBER	56	6	8.60	12/11/22	4.5	5

SUBTOTAL = 11.00

19

--- = Rain, melted snow w/ temperatures near freezing

T = Trace Amount Recorded

* = Occurences resulting from low temperatures w/ rain, melted snow

II. BUILDINGS AND GROUNDS DIVISION

A. 2022 BUILDINGS AND GROUNDS ANNUAL SUMMARY

The primary mission of the Buildings and Grounds is to ensure a safe, quality work environment for our employees and the public that utilize county services.

BUILDINGS:

Capital Projects Completed:

- ◆ Constructed a Sally Port at Building 4
- ◆ Installed security cameras in the Building 4 file storage areas
- ◆ Replaced 6 boilers in Correctional Facility
- ◆ Installed a new door access control system at 152 West High St.
- ◆ Installed an all new security camera system 152 West High St.
- ◆ Progressed a County Wide Facilities Assessment Study
- ◆ Completed a HVAC Study at the Animal Shelter
- ◆ Completed a Water Distribution Project at the Fire Training Center

Other Building Projects Completed:

- ◆ Remodel of County Administrators Office
- ◆ Moving of the Purchasing Print Shop
- ◆ Remodel of IT Department
- ◆ FRP installation at Animal Shelter in Surgery Area and Kennel Areas
- ◆ Carpet several offices at the Jail second floor
- ◆ Remodeled the Planning Department
- ◆ Replaced the heat coil in Wilton Mall DMV rooftop unit
- ◆ Assisted Public Health with the set up and take down of multiple Vaccine Clinics
- ◆ Restriping of parking lots
- ◆ Set up/tear down of the COVID testing site in Malta
- ◆ Made 5 custom flag cases for the Boardroom
- ◆ Purchased and installed Knox Boxes for the Fire Department on all County Buildings
- ◆ Assisted with the installation of the new AV system for the B.O.S.
- ◆ Installation of the temp. office trailer for Family Court
- ◆ Completed more than 30 work orders for office moves at Mental Health
- ◆ Remodel of the Building 2, 2nd floor to create a new Family Court, Judges Chambers and private restroom
- ◆ LED lighting upgrade to the Public Works Facility and the Correctional Facility.
- ◆ Multiple moves at Public Health Department
- ◆ Created 2 new offices in DA's Office
- ◆ Purchased and installed picnic tables at Public Safety Facility and Complex
- ◆ Multiple office moves for DA
- ◆ Over 2500 boxes moved to confidential burn and file storage
- ◆ Several set ups and take downs of Historians tent
- ◆ Set up The County Tent at the County Fair

- ◆ Replaced 2 hot water tanks at Correctional Facility
- ◆ Multiple kennel repairs at Animal Shelter
- ◆ Completed over 2500 maintenance requests
- ◆ Replaced 4 of the tub roofs at the Correctional Facility
- ◆ Installed a new secure door to lobby of Building 1
- ◆ Installed a new awning at Building # 1 Supervisors entrance
- ◆ Remodel the County Attorney's Offices
- ◆ Completed multiple electrical repairs at Saratoga County Airport
- ◆ Replaced the compressor in the Building 1 HVAC unit
- ◆ Restarted quarterly Fire Drills
- ◆ Replaces 3 fire hydrants at Fire Training Center
- ◆ Maintain all fire alarms, fire extinguishers and CO₂ detectors
- ◆ Maintain and inspect monthly all emergency lighting

AIRPORT:

Major Projects:

- ◆ Accepted a NYS Grant for the construction of a new airport terminal and began planning and design work.
- ◆ Progressed the completion of the Off Airport East Mitigation Site in Northumberland. Completion is scheduled for 2023.
- ◆ Progressed the completion of the construction of the Off Airport North and South Habitat Mitigation sites in Wilton and Northumberland. Completion is scheduled for 2023.
- ◆ Ordered a new airport snowblower funded by a NYSDOT Grant.
- ◆ Redesigned the Airport Snow Removal Equipment Building. Construction is scheduled for 2023.
- ◆ Redesigned the new airport 6 Bay T-Hangar. Construction is scheduled for 2023.

Other Projects:

- ◆ Serviced the AWOS at the Saratoga County Airport
- ◆ Maintained the Airport Lighting System.
- ◆ Crack Sealed Saratoga County Airport Runway 14.

PREVENTATIVE MAINTENANCE COMPLETED ON A REGULAR BASIS

EQUIPMENT COUNTY WIDE

UNITS

◆ AHU's – Air Handler Units	56
◆ Boilers	21
◆ Air Conditioners	13
◆ Fan Coil Units	490
◆ RAF's – Return Air Fans	6
◆ RTU's – Roof Top Units	40
◆ MAU's – Mixed Air Units	4
◆ Infra-Red Heat Systems	2
◆ Unit Heaters	61
◆ Exhaust Units	45
◆ Heat Pumps	17
◆ Tank-less Hot Water Heaters	4
◆ Cooling Towers	4

EQUIPMENT MONTHLY CHECKS

◆ Emergency Lights	322
◆ Time Clocks (Punch Style)	15
◆ Kronos (Swipe Card Style)	26
◆ Fire Extinguishers	218

EQUIPMENT WEEKLY CHECKS

◆ Emergency Generators	27
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SUPPORT SERVICES

- ◆ Completed over 2,500 maintenance requests
- ◆ Over 2,500 boxes moved in and out of storage and to confidential burn
- ◆ 29.39 tons of confidential files were removed from offices and destroyed
- ◆ Assisted Central Stores with deliveries as needed

B. 2023 GOALS FOR BUILDINGS AND GROUNDS

BUILDINGS:

- ◆ Replace the fuel island and pumps at the Public Works Facilities
- ◆ Progress the Animal Shelter, HVAC Modifications - Phase 1

AIRPORT:

- ◆ Complete the off-site Habitat Mitigation Projects – North, South and East Sites in Wilton and Northumberland
- ◆ Progress the design and construction of the new airport terminal and western itinerant apron.
- ◆ Submit a federal grant application for the Runway 05-23 design.
- ◆ Begin the Western Itinerant Apron Design
- ◆ Construct a new Snow Equipment Building
- ◆ Construct a new 6 Bay T-Hangar

All goals are in accordance with the 2023 Capital Plan.

C. SARATOGA COUNTY FACILITIES SPACE UTILIZATION REPORT

Distribution of Gross Floor Area by Department (Updated 9/1/20)

<u>FACILITY</u>	<u>AREA (Sq. ft.)</u>
MUNICIPAL CENTER	
Building #1	43,429
Building #2	31,522
Building #3	30,148
Building #4	32,919
Old Emergency Operations Center	9,820 (Inc.in bldg. # 2)
Total:	138,018
Building # 5 (FACILITIES BUILDING)	39,974
SERVICES BUILDING	46,977
WOODLAWN AVENUE BUILDING	10,946
COUNTY FARM	
Animal Shelter	26,282
Fire Training	3,120
Jail	102,500
Emergency Services / Sheriff Pole Barn	3,696
Paul Lent Public Safety Building	64,140
D.P.W. Facility	115,254
Total:	314,992
AIRPORT	37,084
RADIO TOWERS	
Clifton Park	360
Fraker Mt.	360
Halfmoon	420
Lake Luzerne	360
McGregor	420
Milton (Jail)	420
Providence Tower	420
Lakeview	220
Stillwater	420
Spruce Mt. (Radio Bldg. & Garage)	855
Total:	4,255
OLD NORTH GARAGE	1,776
NEW NORTH GARAGE	6,000
MILTON RECYCLING CENTER	1,100
TOTAL GROSS FLOOR AREA	601,122 (Sq. ft.)

SARATOGA COUNTY FACILITIES SPACE UTILIZATION REPORT - CONTINUED

Distribution of Gross Floor Area by Lessee

<u>FACILITY</u>	<u>AREA (Sq. ft.)</u>
Judges	4,069
Mental Health	17,225
DMV	5,855
Veterans	1,980
Total:	29,129 (Sq. ft.)

Distribution of Acreage by Department or Lessee

<u>FACILITY</u>	<u>ACREAGE</u>
Airport	514.18
Other property adj. to the airport owned by S.C.	43.65
DPW (North Garage, Rt. 29 Solid Waste Mgmt. Facility (Stump Dump) And 15.73 acres of the former landfill property retained by the Sewer District for future development)	45.95
County Park, Sacandaga	40.00+
County Farm (DPW Garage, Jail, Animal Shelter, Fire Training Center, Paul Lent Public Safety Building)	117.07
Woodlawn (Sold in 20921)	1.00
Facilities Building 5	1.00
Municipal Center - Complex	6.28
Services Building	8.16
TOTAL ACREAGE	786.97+

III. SOLID WASTE DIVISION

A. Recycling

Privatization of Recycling Centers and Single Stream Collection

In 2022, Saratoga County completed the final year of a four-year agreement with County Waste and Recycling Services, Inc. for the Transportation, Processing and Recovery of Single Stream Recyclables and Scrap Metal from five (5) County Recycling Collection Centers and the Town of Edinburg. The County released another RFP for the Transportation, Processing and Recovery of Single Stream Recyclables and Scrap Metal from five (5) County Recycling Collection Centers and the Town of Edinburg. County Waste submitted the sole proposal. The County entered in to a new two year agreement (with three one-year renewals) beginning in 2023. The County also continued intermunicipal agreements with the respective Towns and City where the Recycling Centers are located including: Clifton Park, Moreau, Corinth, and Saratoga Springs for their management of the collection of recyclables. Saratoga County continues to attend and manage the Milton Recycling Center. Saratoga County will also continue to collect appliances containing refrigerants (includes having the refrigerant removed by a local vendor), automotive batteries and propane tanks at all the County Centers. Saratoga County significantly reduced operational costs through these changes.

Recycling Tonnage - In 2015, all recycling centers began collecting single stream recycling. They continued to collect scrap metal, automotive batteries and propane tanks.

All Centers 2022:

◆ Single Stream Recycling	1,966.19	Tons
◆ Scrap Metal	1,026.92	Tons
◆ Automotive Batteries	1,300	Ea.
◆ Propane Tanks (Large 20 lbs. and bigger cylinders)	966	Ea.
(Small 1 lb. cylinders)	2,796	Ea.
◆ Refrigerators and Freezers	1,131	Ea.
◆ Air Conditioners, Dehumidifiers and Water Coolers	1,916	Ea.

Adopt-A-Roadside – The Saratoga County Adopt-A-Roadside Program continues to play an important role in keeping our roads clean. In 2022, 41 community organizations actively participated in the program. Our D.P.W. provides orange garbage bags and safety vests to all participants in addition to picking up the collected debris. Approximately 70 miles of Saratoga County roadside was cleaned this past year through this volunteer effort.