

PUBLIC WORKS
Monthly Report November 14, 2024

SHOP STAFF

- Continue services & New York State Inspections
- Continue repairs on solid waste roll-off trucks and containers
- Make necessary repairs to DPW and outside agency equipment
- Completed estimates on damaged vehicles
- Prepared new DPW and Sheriff vehicles for service
- The Maplewood shop is working with American Petroleum to repair ongoing issues between Fuel Master and our IT department
- The Maplewood shop is in the process of trying to hire new Mechanics. At our present staffing level, it will be difficult to have Plow trucks ready for the upcoming snow season
- The replacement Box Truck is on order
- Working with Henderson Equipment on Plow Truck orders for this year
- Working with JESCO on a new John Deere loader purchase
- The Kenworth Northeast truck orders have been placed

SIGN SHOP

- Completed pavement markings on crosswalks and town requests
- Fabricated signs for county and towns
- Completed School Zone Pavement Markings
- Decaled new Vehicles
- Continued Sign upgrades for CR 32 and 41
- Removed work zone and Detours for CB 473 & CB 474
- Continued brushing signs
- Sign Complaints
- Continued Cartegraph upgrade trainings
- Started Welcome to Sullivan County Sign Fabrication
- Striped CB 472, 473, CR 58 Repairs
- Started layout and Printing of Right to Farm Signs
- Fabricated and Installed CR 171 sign upgrades
- Started layout for Move Sullivan Signage
- Cleaned and winterized spray equipment
- Started Striper cleaning and repairs

BODY SHOP

- Repaired accident damages on county vehicles (H&F, CS, SH, PH & DPW)
- Completed Bus 4 repairs
- Routine maintenance on DPW vehicles and equipment
- Wrote estimates on damaged county vehicles
- Sandblast, Repair & Paint Snow Plows and Wings
- Continued sandblasting plows & wings
- Prep vehicles for auction

AIRPORT

- Live Burn Training completed by ARFF staff
- Completed Wildlife Management Plan Review
- New first aid kits acquired for ARFF Truck
- Rented skid steer mower for mowing steep areas of airport property
- Maintenance conducted on snow removal equipment for the upcoming winter season
- Removed refuse (metal and wood) from airport property
- Provided fuel services.
- Construction of the new Terminal building in progress.

BRIDGES

- Addressed NYSDOT bridge flags and non-structural condition observations for Bridges: 454 (TUS), 2 & 34 (FAL), 116 & 146 (ROC), 347 & 280 (CAL), 225 (DEL), 277, 296 & 297 (LIB), 210 & 211 (NEV).
- Continued project administration work for the Bridge 82 (FOR) replacement project.
- Continued coordination with utilities for their relocation for the Bridge 82 (FOR) replacement project.
- Continued project administration work for the Bridge 77 (HIG) replacement project that will also replace the Toaspern Dam Spillway.
- Participated at progress meetings held at the construction site for the Bridge 77 (HIG) replacement project.
- Continued project administration for construction work for the Bridge 5 (LUM) Joint Replacement project.
- Continued the coordination and administration of engineering services and permit applications for the re-alignment of Benton Hollow Road to eliminate Bridge 277 (LIB).
- Continued inspection of construction work and the procurement of materials for the replacement of Bridge 261 (LIB).
- Continued procurement of materials for the replacement of Bridge 296 (LIB) and planning for construction in the Spring of 2025.
- Continued project administration work for the Bridge 301 (NEV) replacement project.
- Completed an application for seeking a grant to provide funding for the replacement of Bridge 368 (NEV).
- Continuing the process for obtaining a NYSDEC permit for the slip-lining of Bridge 400 (THO).
- Continued administration and inspection of work for the geotechnical services to be provided for eight bridges.
- Provided inspection of borings taken for Bridges 368 and 430.
- Continued preliminary planning and administration work for the Bridge 283 (ROC) 95% Federally funded replacement project and completed review of consultants for recommending a firm to provide planning and design services.
- Continued preliminary planning and administration work for the Bridge 51 (LIB) 95% Federally funded replacement project and completed review of consultants for recommending a firm to provide planning and design services.

- Started project administration of Fisher Associates to provide design work for the improvement of County Road 75/Harris Bushkill Road (LIB).
- Continued design and material procurement for the replacement of Bridge 201 (CAL) bridge and approach rail.
- Completed engineering assistance and inspections for DPW Forces for the replacement of Bridge 473 (LIB).
- Participated in Cartegraph training for implementing a maintenance and improvement program for tracking and planning work for our bridges and highways and also for recording program costs.
- Started design and engineering for the replacement of Bridge 270 (NEV).
- Performed landfill tipping floor inspection and report to NYSDEC.
- Performed field work to the semi-annual inspection of Toaspen Pond Dam.
- Performed field work to the semi-annual inspection of Sunset Lake Pond Dam.
- Started field work for Annual Bridge Inspection.

BUILDINGS & ENVIRONMENTAL COMPLIANCE

- Participated in regular calls and meetings overseeing Airport Terminal Project
- Conducted progress construction inspections as required per NYS Building Code at Airport Terminal Project
- Conducted space survey and provided construction estimate for Social Services Dept. funding opportunity
- Continue to coordinate restart of Housing Gateway Center project
- Attended NYS Building Official Code Conference in Albany, NY
- Continue providing support to DPW Operations for ESTF Entry Canopy Project
- Worked with engineering consultant on Redundant Water Tower Project telemetry
- Prepared and submitted the SCIA and Human Service Complex mandated monthly water chlorination system Operation Reports to NYSDOH
- Prepared and submitted the NYSDOH mandated quarterly biological sampling results for SCIA and Human Service Complex public water supplies
- Provided technical support for County facility operations and maintenance
- Prepared Monthly Report
- Participated in County sponsored Leadership Training sessions
- Reviewed and approved various invoices and vouchers for payment
- Provided support for Environmental Compliance program
- Coordinated monthly rinse rack outfall sampling event with testing contractor at Maplewood
- Reviewed and reported rinse rack outfall sampling results
- Continued work with Engineering Consultant on environmental issue at SCIA

HIGHWAYS

- Provided ROW and record mapping research to the public, other County departments and SCDPW operations - (9) instances
- Continued working to close out the East Broadway/County Road 173 (THO) reconstruction project with NYSDOT, consultant (Stantec) and contractor Argenio Bros. - working on final close-out documents (Consultant audit) required by DOT
- Continued work with contractor (Sullivan County Paving & Construction, Inc.) (SCP)

- for the 2024 contract paving, repair and re-striping of approximately 33 miles of county road – ongoing coordination with county operations on schedule and road preparations - field marked partial depth repair sections on multiple County Roads – prepared and distributed restricted highway notices for each road to the affected municipality - provided daily inspection and quantity tracking of the paving operations – coordinated plant testing of asphalt materials – prepared detailed estimates of each completed road section for payment backup (CR’s 26, 32 and 58 - phase 1 paving repairs completed for the season – roads restriped – final paving next year; CR’s 41, 47, 103, 104 and 107 final paving & striping complete – all 33 miles completed)
- Provided 2022-2025 paving summary backup mileage and dollars for 2024 budget
 - Completed original contract work with contractor (EMI Guide Rail, LLC) for the 2024 replacement and installation of approximately 10,000 LF of guide rail on various county roads that were paved in 2023 (installation complete on CR’s 13, 17, 61, 66, 114, 143 and 145) – came in under budget - added CR 41 through an agreement modification with an additional 3,400 LF installed
 - Completed the field layout of guide rail on CR 58 (CB 474 – FAL) for County operations installation
 - Completed a topographic field survey of the intersection of CR 103 (Anawana Lake Road) and Fraser Road for analysis and study related to possible improvements – coordinated with operations on tree and brush clearing and another mowing for improved sight distance lines
 - Began a topographic survey for design of drainage improvements in the hamlet of Kauneonga Lake on CR’s 14 and 141
 - Completed leadership training as necessary and a webinar on Augmented Reality for land surveyors for continuing education credit plus online County safety training
 - Visited an Ulster County road project utilizing Hot In Place Recycling (HIPR) being performed by Highway Rehab Corp.
 - Reviewed and/or researched the following for safety issues, potential impacts to and conflicts with the County’s right-of-way (ROW), drainage, infrastructure and maintenance on County Roads (CR): CR 13 (BET) – Coordinated installation of a northbound driveways sign in advance of a curve; CR 164 (DEL) – discussed drainage remediation’s affecting the County Road ditch with owner and contractor; CR 172 Town of Mamakating sign relative to ROW; Pittaluga Road parcel NYSEG easement research and SR 52 (DEL) - processed speed zone reduction request (all speed zone reduction requests are forwarded to NYSDOT for study and consideration)
 - Provided comments to county planning for G.M.L. 239 review on the following projects on or adjacent to a County Road (CR): LIB24-09 (CR 176) Camp HASC; FAL24-21 (CR 56) Mountain Crest and LIB24-10 (CR 15) Chaim Elazary
 - Issued permits on various County Roads – (4) M (Misc./Access) permits – (1) D (Dig) permit - (1) O (Overweight) permit and (1) U (Utility) permit – Field inspected (7) existing/proposed access locations for compliance and/or closeout related to permitting including (3) sight distance measurements at proposed access points on County Road’s 61, 128 and 164

SOLID WASTE & RECYCLING

Month	2022 MSW/CD	2023 MSW/CD	2024 MSW/CD
January	4423	5592	5096
February	4256	5147	4856
March	6163	6287	6452
April	5935	6550	7031
May	7392	8631	7800
June	9323	9778	9044
July	12137	13395	14367
August	13021	14405	13463
September	8903	7293	7747
October	6106	7043	5900
November	5972	5985	
December	4968	5497	
TOTAL	88599	95603	

Current month total estimated

- *Education/Outreach:* The Recycling Coordinator is continuing with outreach programs and speaking with County residents daily.
 - o Public education provided at the Crawford Library in October. Working with Cornell Cooperative Extension for a Pumpkin Smash Event on November 2.
- *Accounts:*
 - Continue to address any delinquent accounts so they remain current with payment and provide electronic communication for customers.
 - 2025 Hauler Permit updated and posted to County Website. Email sent out for current accounts to renew their permits.
- *Annual Reports:* continue to track data for NYSDEC reporting
- *Composting:*
 - Pilot program in full swing. Public Education is continuing as new participants enroll. Weekly trips continue to deliver compost to Ulster County Resource Recovery Agency.
 - Started grant research for Phase 2: constructing a compost facility.
 - All compost kits have been distributed to the community.
- Draft Solid Waste Management Plan public comment period remained open until October 15. The Plan was then revised by Cornerstone Engineering and sent back to the DEC for final review.
- PaintCare in full swing at the Monticello Transfer Station. 6 bins were filled and picked up from vendor during first month of collection.
- Sent Registration Modification Request Forms to the DEC to accept paint through the PaintCare program for Ferndale, Highland, Rockland, Mamakating, and Western Sullivan.
- Sent Permit Modification Request Form to the DEC to address the following:

Permit Condition 4— Tonnage Limits	
Existing Permit	Modification Request
800 tons of waste per day	1,000 tons of waste per day
3,685 tons of waste per week	4,600 tons of waste per week

Permit Condition 6— Operating hours			
<u>Existing Permit</u>		<u>Modification Request</u>	
<u>Receive</u>	<u>Process</u>	<u>Receive</u>	<u>Process</u>
Monday—Friday 7:00am—3:30pm	Monday—Friday 7:00am—7:00pm	Monday—Friday 7:00am—3:30pm	Monday—Friday 6:00am—6:00pm
Saturday 7:00am—1:00pm	Saturday 7:00am—3:30pm	Saturday 7:00am—3:30pm	Saturday 6:00am—3:30pm

- Solid Waste Rules will be updated January 1, 2025 as per Resolution 505-24. (Resolution to authorize amendments to Section 620.1, 624 and 632)
- Order of Consent that was received in September was returned to DEC and waiting on their final approval.
- Working with Carolina Software to automate reports to be sent to accounts to assist County Treasure
- Pest Tech providing weekly visits to tip floor to solve pest issue
- Yearly calibrations completed for radiation detectors
- Fall Town clean-ups completed
- Roadside & Trail Litter pluck for 2024 completed on October 31
- HHW took place October 20. 227 total cars participated. 14.51 tons of hazardous waste collected.
- Working with Cornerstone on RFI for Energy from Waste Facility.
- Tipping floor yearly inspection completed on October 28.
- In search of new vendor to calibrate the gas detection system and the landfill.