

# **ROCKLAND COUNTY HIGHWAY DEPARTMENT**

## **SNOW AND ICE REMOVAL POLICY**



**Charles H. Vezzetti**  
**Superintendent of Highways**



**December 2002**  
**Revised**  
**December 2021**

**HIGHWAY DEPARTMENT**

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*Superintendent of Highways*

**OUTLINE SNOW AND ICE CONTROL POLICY**

- A. **Objective:** purpose of policy is to answer why plow and maintain County Roads during snow /ice storms. Need to identify the level of service (los) that the Highway Department is trying to achieve.
- B. **Areas of Responsibility:** Identify, which roads within the county are to be maintained with the Highway Department. Discuss roads that are “contracted” out to various towns for winter service and how to deal with that.
- C. **Response to storm events:** What triggers commencing of storm operations? Define the trigger response mechanism to use. Identify who (or what agency) will make the determination, develop a hierarchy or chain of command decision tree. Include a discussion on who decides to plow, salt, apply chemical de-icing agents, push back and clean up.
- D. **Call in Procedure for County Employees:** Who to call in, when to call in and how to call in are to be discussed. Windows for response and stand-by procedures also need to be outlined. As with Areas of Responsibility who and how to call in workers other than County employees for roads “contracted out” should be laid out.
- E. **Plowing Procedures for Snow and Ice:** Explain vehicle operations, how to plow, how to salt, how to push back, how to clean intersections, what to do when storm is over. Most of the technical information on snowstorm operations will be included in this section.

# OBJECTIVE

## **Objective**

The Rockland County Highway Department is committed to serve the People of Rockland County well by providing needed services in a high quality, ethical, courteous, timely, and cost effective manner. This also applies to the travelling public at large utilizing the Rockland County Road system for access in, around and through our public boundaries. During any given year winter storms will create unsafe, hazardous pavements due to the effects of snow and ice. The intent of this policy is to provide a uniform understanding of the priorities and procedures used to negate snow and ice related conditions on Rockland County roads. Because each winter storm has unique climatological characteristics that will ultimately affect the total amount of snow and ice accumulation, this policy will act as a framework for decision making in addressing the resulting snow and ice related conditions. This important concept does not mean all roads will be completely free of snow and / or ice before, during or after winter storms but every effort will be made to maximize the resources available to achieve a bare pavement free from snow and ice. It is the degree of uncertainty of slippery road conditions with respect to a winter storm that the travelling public must exercise caution and good judgement while driving. Poor visibility, excessive speed, poorly maintained vehicles and lack of judgement can not be compensated for with this policy. The Rockland County Highway Department endeavors to maintain safe, passable roads for pedestrians and vehicles properly equipped for winter driving conditions. Through proper planning, education, and funding the Rockland County Highway Department strives to have sufficient resources available to effectively combat snow and ice conditions on all County roads whenever the need arises.

# **AREAS OF RESPONSIBILITY**

## **Areas of Responsibility**

The County of Rockland has over 160 centerline miles of road as part of its public infrastructure inventory. These roads vary in use from lightly traveled to heavily congested depending on the location and the time of day. The majority of these roads are two lanes wide with shoulders along side each lane. Some roads are three and four lanes across in width due to varying traffic conditions throughout the County. Below in this section is a complete County Road Inventory list, which includes County Route number, approximate length and pavement width. This policy applies to all roads on this list as well as any other road designated by the Rockland County Legislature in the future as a County Road. Each year this list, compiled by the New York State Department of Transportation is updated, corrected and modified and will be considered to be the official road list for this policy.

**Attach NYSDOT Road List Here**

## **Contracted Out or Roads Plowed by Others**

The Rockland County Highway Department recognizes the need to have certain roads under its jurisdiction to be contracted out (plowed) by other municipalities. This need arises from physical constraints (distance from Highway Department yard), time to reach the road, and in some degree economy of scale (municipality already plows the area). Each year these roads are assessed whether the County will plow them or to allow other municipalities to do it for the County. When the Rockland County Superintendent of Highways has decided to contract out these roads then an agreement (contract) will be worked out with each municipality involved specifying how to be compensated. It is understood that each municipality will perform snow removal at a level of service equal to or exceeding their current standard.

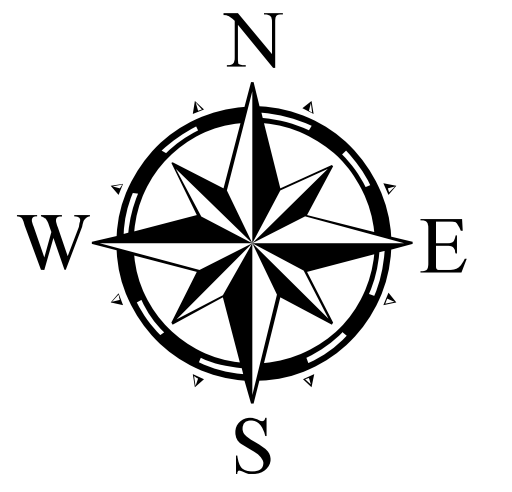
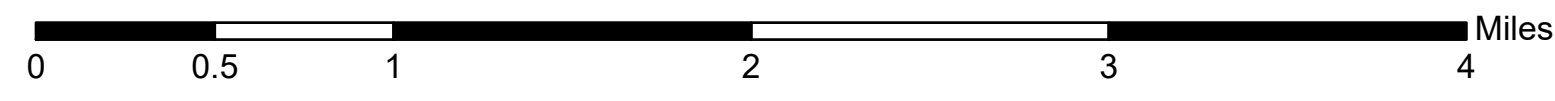
# ROCKLAND COUNTY HIGHWAY DEPARTMENT

## PLOWING AND SALTING ROUTES

### NOVEMBER 2023



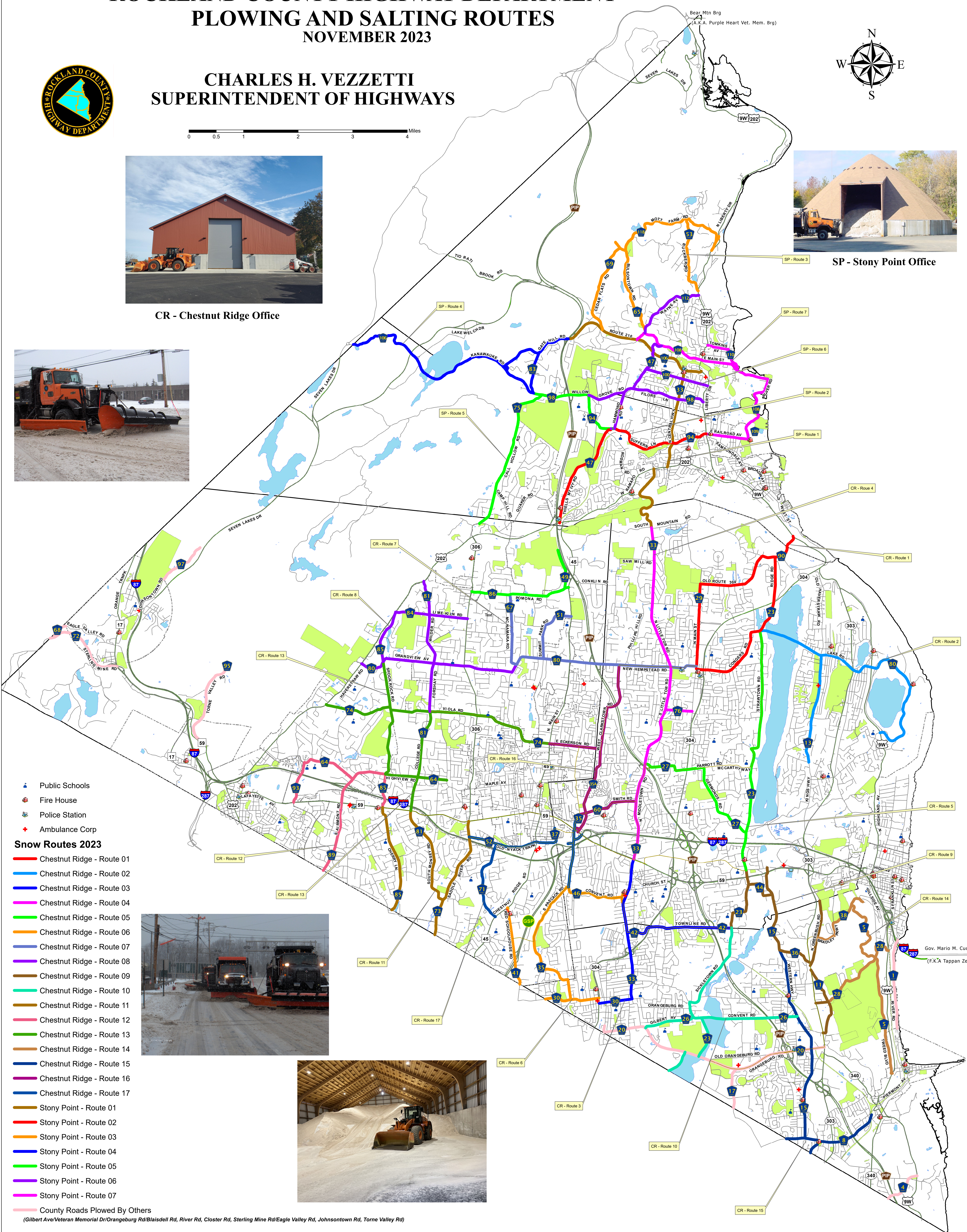
**CHARLES H. VEZZETTI**  
SUPERINTENDENT OF HIGHWAYS



**CR - Chestnut Ridge Office**



**SP - Stony Point Office**



- Public Schools
- Fire House
- Police Station
- Ambulance Corp

**Snow Routes 2023**

- Chestnut Ridge - Route 01
- Chestnut Ridge - Route 02
- Chestnut Ridge - Route 03
- Chestnut Ridge - Route 04
- Chestnut Ridge - Route 05
- Chestnut Ridge - Route 06
- Chestnut Ridge - Route 07
- Chestnut Ridge - Route 08
- Chestnut Ridge - Route 09
- Chestnut Ridge - Route 10
- Chestnut Ridge - Route 11
- Chestnut Ridge - Route 12
- Chestnut Ridge - Route 13
- Chestnut Ridge - Route 14
- Chestnut Ridge - Route 15
- Chestnut Ridge - Route 16
- Chestnut Ridge - Route 17
- Stony Point - Route 01
- Stony Point - Route 02
- Stony Point - Route 03
- Stony Point - Route 04
- Stony Point - Route 05
- Stony Point - Route 06
- Stony Point - Route 07
- County Roads Plowed By Others



*(Gilbert Ave/Veteran Memorial Dr/Orangeburg Rd/Blaisdell Rd, River Rd, Closter Rd, Sterlig Mine Rd/Eagle Valley Rd, Johnstontown Rd, Torne Valley Rd)*

# **RESPONSE TO STORM EVENTS**

## **Commencing of Snow Operations**

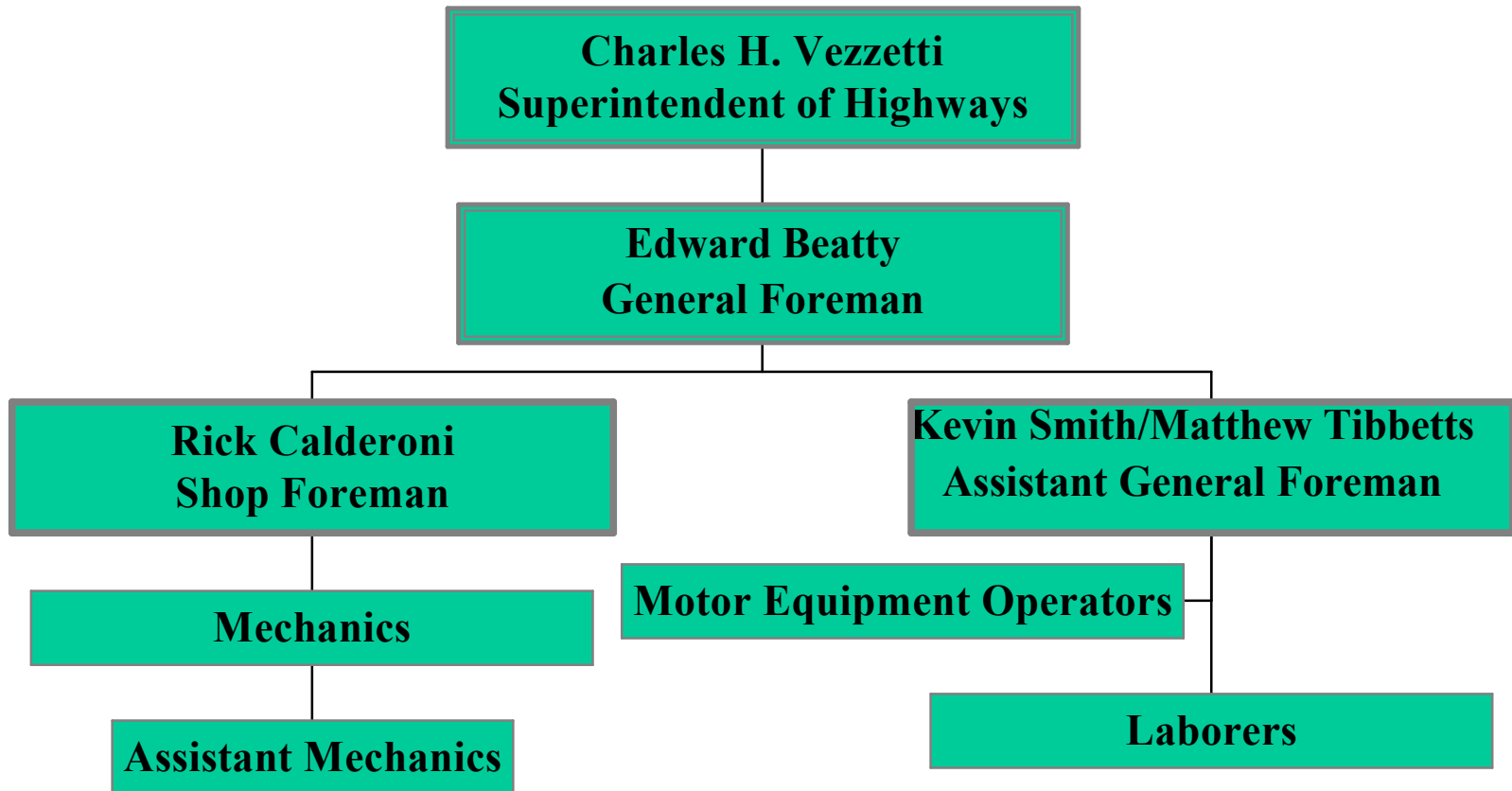
The timing of any meteorological event can never be truly planned or organized thus the Rockland County Highway Department must rely on a rapid response of its personnel to effectively combat any winter storm. At the onset of any winter storm the Rockland County Highway Department will mobilize its workforce to respond to the Rockland County Highway Garages in New City and Stony Point. The decision to respond rests with the Rockland County Highway Superintendent, or his designated Deputy, as to when employees are to be called in for snowplowing operations. Each storm will be judged on a case by case basis to determine the severity and threat it poses to the County road system. Based on this analysis a determination will be made by the County Highway Superintendent when to utilize the employees for snow operations prior to the storm's arrival as a pro-active approach. It is the objective of the Rockland County Highway Department to have all equipment (snowplows, loaders, snow blowers, etc) with operators, support personnel (mechanics and laborers) and management employees (General Foreman and foreman) on station within 30 minutes prior to the pavement receiving snow or moisture. There will also be situations when storms or manmade occurrences (broken water mains, emergency pump outs, etc) happen without advanced notice. In which case the Superintendent of Highways or his designated Deputy will call in employees immediately after receiving notification from outside departments (Police, Local Governments, State Agencies, etc), that roads under County jurisdiction have become slippery or snow covered. In these instances the Highway Department strives to be in full operation within 45 minutes of such notification.

## **Chain of Command**

The Superintendent of Highways will make all decisions on snow plowing operations for the County of Rockland. The Superintendent will be responsible for deciding the type of response required to effectively handle the storm and clear the roads of snow and ice in a timely manner. This includes but is not limited to the decisions of when to plow, salt, apply de-icing chemicals, start clean up operations, push back snow banks to the curb line and stop operations. The decision to suspend operations due to inclement weather conditions, poor visibility, extremely heavy traffic flows, or any other condition which severely impacts the safety of snow removal equipment or employees also rests with the Superintendent of Highways. The Superintendent will provide written guidelines on the technical aspects of winter storm operations to be used by all employees. These guidelines will be updated periodically to provide the Rockland County Highway Department with the most up to date information on snowstorm operations and techniques. In the event the Superintendent is unable to perform his duties (either from sickness, absence from work, or termination) the General Foreman, in the absence of the Superintendent, will then be responsible to make all decisions relating to snow storm operations. Should the General Foreman be unavailable for duty the Assistant General Foreman will act in place of the General Foreman. Depending on the severity and complexity of the storm the Superintendent may appoint additional Highway personnel to assist in the storm operation decision making process.



## SNOW OPERATION CHAIN OF COMMAND



## **Snow Emergency Operations**

In the event of a major winter storm that possess a serious threat to the County of Rockland the County Executive may activate its Winter Storm Emergency Response Plan. This plan readies the County by involving various Departments resources to best handle the winter storms effects on the population of Rockland County. Under this plan the Highway Department is entrusted to provide three key components of the plan. First is to make every effort to keep roads and evacuation routes free of all snow and debris for all emergency services. Second is to maintain the radio network of its fleet for constant communication on current field conditions. Third is to keep in contact and be the liaison to local municipalities Highway Departments or Public Works Department.

# ROCKLAND COUNTY WINTER STORM EMERGENCY RESPONSE PLAN



*Prepared by:*

*The Rockland County Office of Fire & Emergency Services  
The New York State Office of Emergency Management*

**Ed Day**  
County Executive

**February 2020**

## How to Use This Plan

This plan has been prepared with the primary intent of being easy to use by those who will play roles in assisting Rockland County respond to a winter storm threat. Consistent with this objective, the plan is divided into two major parts:

- Functional Resources and Responsibilities (Part I), which describes how the County government, among all participating agencies, will address specific functional response activities that are necessary in coping with a major storm. Thus, for example, someone wanting to know how the County will fulfill its responsibilities in "Public Information," "Sheltering," or another function can reference the proper section to see which agencies will perform the needed tasks in those areas.
- Emergency Support Functions (Part II), which lists all Emergency Support Functions that will play essential roles in this plan and individually summarizes each agency's responsibilities. By referring to this part of the plan, an agency official working at the County Emergency Operations Center can readily review all of his or her agency's winter storm response obligations, listed on a function basis.

**In using this document, it is important to keep in mind that this is a County-level plan. As a result, detailed descriptions of what are customarily municipal government roles will not be found in this publication.**

In the course of developing this plan, The Rockland County Office of Fire & Emergency Services and the New York State Office of Emergency Management conducted numerous interviews, training meetings and review sessions. The resulting information provided by agency officials formed the basis of the plan's contents. Any questions regarding these contents or other information on emergency management activities in the County, can be addressed to the Rockland County Office of Fire & Emergency Services.

**February, 2020**

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## **DEFINITIONS**

**Winter Storm Warning:** Issued when hazardous winter weather in the form of heavy snow, heavy freezing rain, or heavy sleet is imminent or occurring. Winter Storm Warnings are usually issued 12 to 24 hours before the event is expected to begin.

**Winter Storm Watch:** Alerts the public to the possibility of a blizzard, heavy snow, heavy freezing rain, or heavy sleet. Winter Storm Watches are usually issued 12 to 48 hours before the beginning of a Winter Storm.

**Winter Storm Outlook:** Issued prior to a Winter Storm Watch. The Outlook is given when forecasters believe winter storm conditions are possible and are usually issued 3 to 5 days in advance of a winter storm.

**Blizzard Warning:** Issued for sustained or gusty winds of 35 mph or more, and falling or blowing snow creating visibilities at or below ¼ mile; these conditions should persist for at least three hours.

**Lake Effect Snow Warning:** Issued when heavy lake effect snow is imminent or occurring.

**Lake Effect Snow Advisory:** Issued when accumulation of lake effect snow will cause significant inconvenience.

**Wind Chill Warning:** Issued when wind chill temperatures are expected to be hazardous to life within several minutes of exposure.

**Wind Chill Advisory:** Issued when wind chill temperatures are expected to be a significant inconvenience to life with prolonged exposure, and, if caution is not exercised, could lead to hazardous exposure.

**Winter Weather Advisories:** Issued for accumulations of snow, freezing rain, freezing drizzle, and sleet which will cause significant inconveniences and, if caution is not exercised, could lead to life-threatening situations.

**Dense Fog Advisory:** Issued when fog will reduce visibility to ¼ mile or less over a widespread area.

**Snow Flurries:** Light snow falling for short durations. No accumulation or light dusting is all that is expected.

**Snow Showers:** Snow falling at varying intensities for brief periods of time. Some accumulation is possible.

**Snow Squalls:** Brief, intense snow showers accompanied by strong, gusty winds. Accumulation may be significant. Snow squalls are best known in the Great Lakes region.

Blowing Snow: Wind-driven snow that reduces visibility and causes significant drifting. Blowing snow may be snow that is falling and/or loose snow on the ground picked up by the wind.

Sleet: Rain drops that freeze into ice pellets before reaching the ground. Sleet usually bounces when hitting a surface and does not stick to objects. However, it can accumulate like snow and cause a hazard to motorists.

Freezing Rain: Rain that falls onto a surface with a temperature below freezing. This causes it to freeze to surfaces, such as trees, cars, and roads, forming a coating or glaze of ice. Even small accumulations of ice can cause a significant hazard.

## **ACRONYMS USED IN THIS PLAN**

ARC	American Red Cross
BOCES	Board of Cooperative Educational Services
DGS	County Department of General Services
DOH	Department of Health
DRP	Department of Parks
DSS	County Department of Social Services
EAS	Emergency Alert System
EMS	Emergency Medical Services
EOC	Emergency Operations Center, Pomona
OFES	Office of Fire and Emergency Services (Rockland County)
FAA	Federal Aviation Administration
FEMA	Federal Emergency Management Agency
FIRECOM	Fire Communications
HELP	Helicopter Emergency Lift Program
HWY	County Highway
MH	County Department of Mental Health
NWS	National Weather Service
NYSOEM	New York State Office of Emergency Management
NYSP	New York State Police
NYSPIN	New York Statewide Police Information Network.
RACES	Radio Amateur Civil Emergency Service
USCG	United States Coast Guard

# **PART I**

## **FUNCTIONAL RESOURCES AND RESPONSIBILITIES**

## A. EMERGENCY OPERATIONS CENTER

### 1. Scope

This section describes the organization of the Rockland County Emergency Operations Center (EOC), which is activated for a winter storm that possess a potential or actual threat to Rockland.

### 2. Primary Role

The Office of Fire & Emergency Services is responsible for managing and maintaining the emergency operations center, which is located at 35 Firemen's Memorial Drive, Pomona, New York.

### 3. Activation Levels

At the direction of the Director of Fire & Emergency Services, or designee, the County will initiate a formal response to a winter storm by the activation of the EOC. Key personnel of selected County agencies, utilities, and emergency services organizations will respond as requested to the EOC to coordinate winter storm response efforts. The degree of involvement of these agencies will vary according to the intensity of the storm.

a. Level 4 – Normal Operations. This is the normal day-to-day operational level for the Office of Fire and Emergency Services (OFES) and the Rockland County Sheriff's Office, which are continuously monitoring local, regional, national and international events, evaluating threats and analyzing their impact on Rockland County. Appropriate local, county and state personnel and support organizations are notified and informed through a variety of communication methods based on the urgency required of the incident/event.

b. Level 3 – Monitoring. This level of activation requires only the active response of the Office of Fire and Emergency Services (OFES) personnel. The Office of Fire and Emergency Services (OFES) transitions to this level for incidents or special events that have the potential for escalation. Minimal OFES, Sheriff's Office and/or other local emergency management personnel are actively monitoring the incident/event. Notifications are made to appropriate local, county and state personnel and support organizations that may be required to take action as part of their normal responsibilities.

-electronically disseminating storm-related advisories to agencies on OFES normal weather information transmission list, affirming Level 3

activation and recommending review of appropriate emergency plans and procedures.

-establishing and maintaining a log of events and response actions.

- periodic dissemination of situation reports.

-preparing the EOC for increased levels of activation by implementing procuring supplies, and enhancing telephone and radio capabilities.

-review inventory lists and confirm supplies (i.e. salt, fuel, generator, etc.)

- c. Level 2 – Partial Activation. Selected Emergency Operations Center (EOC) staff are notified. The EOC is staffed by Office of Fire and Emergency Services (OFES) personnel, appropriate sections, their staff and outside agencies as required to meet the operational need of the incident.

Agencies may include: County Executive, County Attorney, Office of Fire and Emergency Services, County EMS Coordinator, County Highway Department, County Planning Department, County Health Department, General Services and County Management Information System. Other agencies may include: American Red Cross, RACES, Orange & Rockland Utilities, Verizon and United Water.

During Partial Agency Activation - Level 2, OFES will institute or consider instituting the following activities:

-activate County Incident Management Team

-all emergency vehicles fueled (trucks and generators)

-check with hospitals, nursing homes, assisted living on generators fuel

-regularly updating, via a Situation Report, the following on the situation: county, town and village leaders, local utilities, the National Weather Service, and NYSOEM.

-informing the following agencies of the change to Level 2 Activation, placing them on standby for staffing the EOC during a Level 1 Activation.

-electronically disseminating storm-related information to all agencies represented in this plan and others on OFES's normal weather transmission list, affirming Level 2 Activation and recommending an increased level of agency emergency response preparedness.

-consulting with the County Executive, Chief of Staff the County Attorney, and others regarding the need for the County Executive to issue emergency orders regarding road closing (State of emergency needs to be declared before emergency orders), etc., the opening and closing of county buildings and facilities, and the protection of county employees, facilities and equipment.

-issuing public information releases which: encourage cooperation with official orders and advice being disseminated by municipal leaders and the county chief executives, advise residents of snow loads on roofs, clean down spouts on leaders.

-actively monitoring local conditions to ensure that all storm-related needs are effectively addressed;

- d. Level 1 – Full Activation. All lead and support agencies are notified. This is a full activation of the County Emergency Operations Center (EOC) with a twelve-hour rotating shift pattern. All EOC agencies are required to staff the EOC during Level 1 activations. Other local, county, state and volunteer organizations may be requested to send representatives to the EOC depending on the nature of the event and the need for additional support to local jurisdictions.

Likely agencies to staff the EOC may include

- County:

- County Executive
- Chief of Staff
- County Attorney
- County Sheriff
- Fire Coordinator
- EMS Coordinator
- General Services
- Health Department
- Mental Health
- Department of Hospitals
- Social Services
- Office of the Aging
- Planning Department
- Parks Department
- Sheriff's Dept.
- Transport of Rockland
- Office of Fire and Emergency Services
- Purchasing Department

- State:

State Office of Emergency Management

- Other:

BOCES  
Orange & Rockland Utilities  
Verizon  
RACES  
Red Cross  
Local Police Representatives  
Park Police  
New York State Police  
United Water

During Full Activation - Level 1, OFES will institute or consider instituting the following activities:

-ensuring that all activated agencies consult this plan and all associated internal organizational procedures, and that agency responsibilities outlined in these documents are addressed accordingly;

-advising NYSOEM towns and villages, of the Full Activation - Level 1 status.

-notifying all agencies represented in this plan of the Level 1 Activation, and reminding them of their roles as reflected in the plan.

**Other agencies may be required to have representation at the EOC as determined by the nature of the emergency and the availability of personnel and communications resources.**

-continuing the issuance of news releases for the information of the general public, and business people.

-actively monitoring local conditions to ensure that all storm-related needs are effectively addressed.

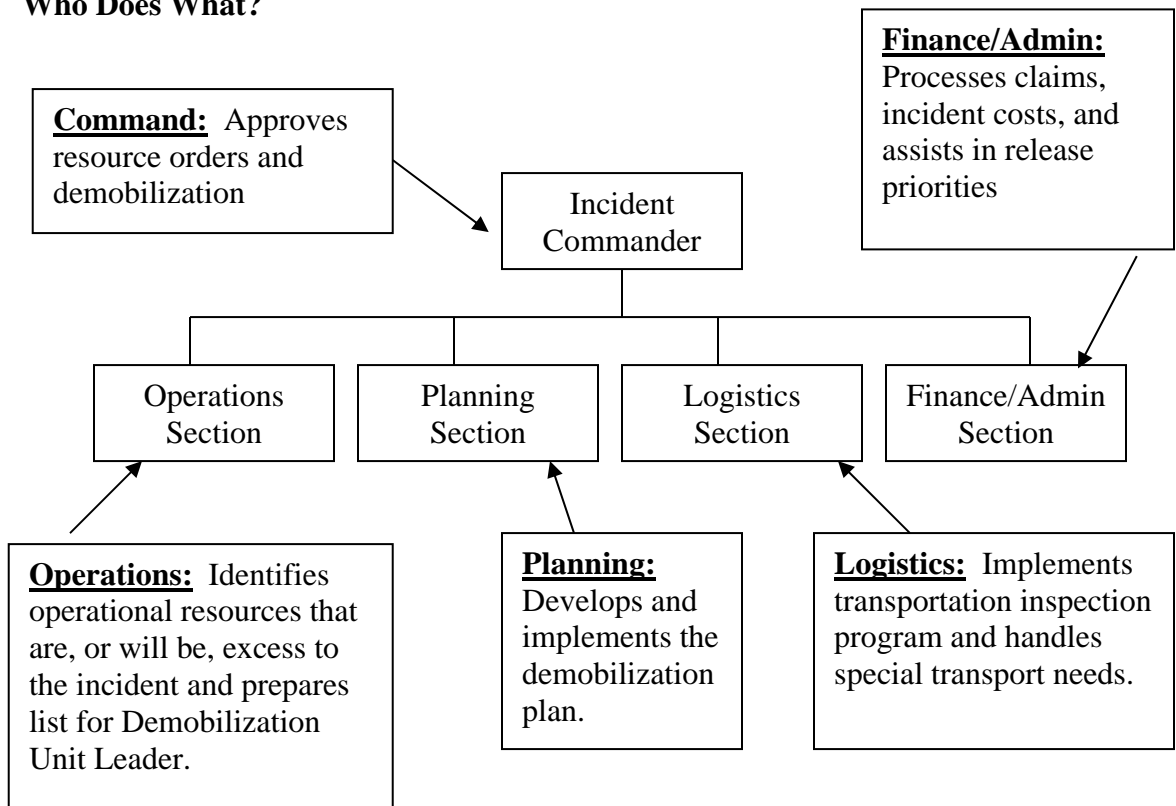
e. DEACTIVATION:

Deactivation of the EOC may be warranted as conditions change during any level of County response, as determined by the Director of Fire & Emergency Services. All agencies with EOC responsibilities will be notified of the deactivation.

f. DEMOBILIZATION PROCESS & PROCEDURES

The Demobilization Unit Leader is responsible for developing the Incident Demobilization Plan. On large-scale incidents, demobilization can be quite complex, requiring a separate planning activity. Coordination with agency representatives is essential.

**Who Does What?**



#### 4. EOC Command Structure

The organization of the Rockland County EOC will be based upon a incident command system (as outlined under NIMS) This command structure will feature the grouping together of agencies with related missions, thereby establishing a coordinated response mechanism.

Overall management of the EOC activities will be divided among the Command and Operations sector. The Operations branch will be organized to include Public Safety Branch, Health and Human Service Branch and Infrastructure Branch.

##### a. Command Sector:

The County Executive and his/her immediate staff of advisors, supplemented by the Director of Fire & Emergency Services and other department heads, will be responsible for establishing direction and control within the EOC and the overall response priorities for County agencies to follow. The Command branch will make major policy decisions (e.g., emergency orders, public advisories) and exercise judgment on critical response issues not covered in existing planning and procedural documents.( SET OBJECTIVES )

##### b. Operations Sector:

The Operations Sector, headed by the OFES, will be responsible for (i) coordinating the implementation of the Command's decisions, (ii) monitoring and facilitating the overall activities of the Operations branch to ensure the proper delivery of services, and (iii) forwarding items of concern to the Command Section to establish guidance for responding agencies.

##### c. Planning Sector:

Agencies in the fields of Public Safety, Health and Welfare, and Utilities will each group together to address response needs on a mutual basis. These groups will maintain constant contact with their field forces and ensure that the Command Sector is apprised of the status of response operations and the need for assistance or changes in operational priorities.

##### d. Logistics Sector:

This group will provide support, as needed, for all emergency operations including the collection, evaluation, dissemination of information, and inform the EOC about the development of the incident and the status of resources.

e. Finance Sector:

The Finance Sector is responsible for managing all financial aspects of an incident. Not all incidents will require a Finance/Administration Section. Key focuses of the section are to ensure that all compensation and claim functions are being addressed relative to the incident, as well as making sure that all obligation documents initiated at the incidents are properly prepared and completed.

ROCKLAND COUNTY  
EMERGENCY OPERATION CENTER  
ORGANIZATIONAL STRUCTURE  
(FULL ACTIVATION - LEVEL 1)

**COMMAND STAFF**

County Executive  
Director of Fire and Emergency Services  
Liaison Officer  
Public Information Officer  
Department of Law

**Human Services & Public Health Table (ESF 6 & 8)**

American Red Cross (ARC)  
Health Department (DOH)  
Hospitals (HOS)  
Mental Health  
Office for the Aging (OA)  
Rockland Independent Living Center  
Social Service Department (DSS)  
Special Facilities (SFC)

**Firefighting & Public Safety Table (ESF 4 & 13)**

Sheriff (RCS)  
Local Police (LP)  
New York State Police (NYSP)  
Fire Coordinator (FCOR)  
Emergency Medical Services (EMS)  
Palisades Interstate Park Police (PIP/PD)  
R.A.C.E.S.

**Emergency Management (ESF 5 & 7)**

Inter-County Liaison  
New York State Representative (NYSR)  
Military Liaison Officer  
Operations Info. Coordinator (OIC)  
Operations Asst.  
Operations Manager (OM)  
Planning (PLNG)  
Resource Coordinator (RC)  
Purchasing

**Transportation, Public Works & Energy Table (ESF 1, 3 &12)**

O&R

United Water

Verizon

Highway Department (DHY)

Schools (SCH)

Transportation Department (DPT)

5. Standard EOC Policies/Assignments

While many of the specific EOC-based response policies and assignments will vary with each level of activation, a number of EOC organizational arrangements will be standard. Among them are the following:

a. Security:

Enhanced EOC security will be provided by the Sheriff's Department once Partial Agency Activation - Level 2 is announced.

b. Media Access:

News media representatives will have controlled, limited access to the EOC. A Classroom at Fire Training Center will be the designated location from which media representatives can operate.

Media relations, briefings and releases will be the responsibility of the County Executive's Director of Communications.

c. Power:

Orange & Rockland Utilities will provide the EOC with priority restoration service when possible. The Department of General Services will ensure that a reliable back-up power generator capability exists for the EOC throughout its activation.

d. Accessibility:

The Department of General Services (DGS) will be responsible for ensuring that roadways and walkways leading to the EOC remain accessible on a priority basis.

e. Support Services:

The Office of Fire & Emergency Services will authorize the assignment of County personnel for general duties within the EOC during periods of activation.

f. Food:

The Department of Purchasing will secure meals to those working in the EOC during Level 3 activation.

g. Telecommunications:

The Assistant Director of MIS, Department of General Services and Verizon will trouble-shoot any problems with telecommunications in the EOC on a priority basis.

**B. COMMUNICATIONS**

1. Scope

This section describes the communications resources that are or may be available to Rockland County agencies in responding to a winter storm. For the most part, internal agency communications capabilities are only represented to the extent that they can be utilized by other agencies in handling their emergency responsibilities.

2. Primary Role

The Department of General Services will have primary responsibility for ensuring, to the degree possible, that the communication needs of County agencies during a winter storm are met.

3. Communications Capabilities

Below is a summary of the field communications capabilities which exist at the County Emergency Operations Center or at adjacent offices:

a. Emergency Services:

HWY operates and maintains a radio system through which the OFES can communicate. Communications between EOC agency representatives and field vehicles and personnel from the police, fire and emergency medical systems can be secured under most circumstances through the County Sheriff Department's Communications Bureau, which is located adjacent to the EOC. If necessary under emergency conditions, the communications resources of the Sheriff's Department could also be utilized for contacts with emergency services agencies.

-Transport of Rockland Bus (TOR) operates a radio network among its in-service vehicles and the headquarters base station. The capability also exists for direct links between the County EOC and TOR offices and vehicles. TOR is equipped and operating on the 800 mhz system.

b. Maritime:

The U.S. Coast Guard operates on several maritime radio bands in the New York City-Hudson Valley region.

c. Mobile Command Post:

Rockland County operates a mobile command vehicle, which is available to be dispatched to an emergency scene to allow coordinated and direct communications with the EOC. The vehicle is equipped with multi-frequency radio equipment and agency-wide communications capabilities.

d. RACES:

The Rockland County Radio Amateur Civil Emergency Service (RACES) is a volunteer amateur radio organization which provides communications support to the EOC during its periods of activation. On behalf of the EOC, RACES will maintain contact with all Red Cross-operated emergency shelters functioning within the county, as well as with hospitals, to assist in resolving patient-tracking issues. RACES may also be tasked to establish disaster-scene communications with the EOC, as required.

e. Citizen Advisory Network:

These systems, as well as our social media tools, enables users to send automated messages to telephone and pagers quickly, accurately and automatically. In addition, the system enables users to send fax documents automatically. The county's systems are capable of placing approximately 2,000-20,000 calls on an hourly basis.

f. Community Information Network:

The 1640 AM radio station is operated by county government. The system "airs" pre-recorded messages on a daily basis, but has the capability to broadcast "live" messages in times of crisis.

4. Weather Information

The OFES receives its weather-related information primarily through the National Weather Service and the New York State Police Information Network (NYSPIN) terminal in Radio Headquarters. In addition, OFES monitors media reports and is in regular contact with National Weather Service officials as circumstances warrant.

A number of police agencies and municipalities in Rockland County have access to NYSPIN for weather reports. OFES will fax, text or e-mail critical weather information to county and municipal officials who do not have access to NYSPIN, as well as to other key agencies which require weather data.

5. Telephone Communications

Verizon will be represented at the County EOC when it is fully activated. The role of the Verizon individual at the EOC will be to work with county and power company officials in establishing priorities for the restoration of service in the aftermath of a major storm.

In situations when, for whatever reason, Verizon is not present when the EOC is activated, OFES, Enhanced 911 Coordinator maintains names and telephone numbers of key Verizon contacts to coordinate with them as required.

**C. GOVERNMENTAL LIAISONS**

1. Scope

This section describes how Rockland County will work with Federal, State and local officials, as well as key contacts in special governmental districts, in responding to a winter storm.

2. Primary Roles

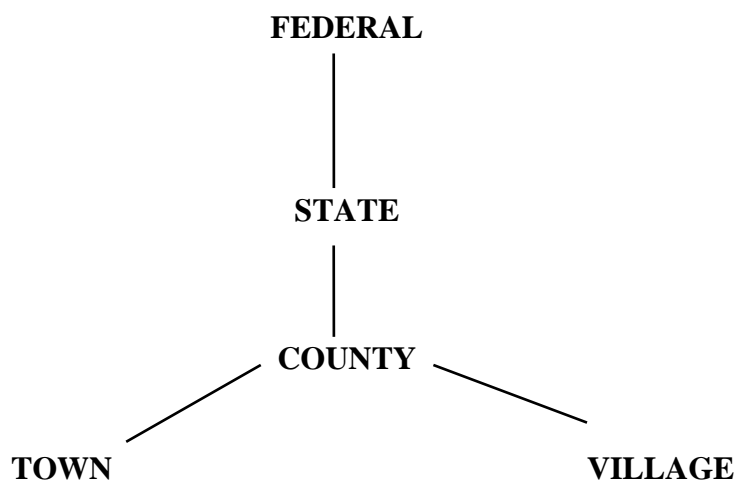
The County Executive and the Office of Fire & Emergency Services will have primary responsibility for ensuring that liaisons with all levels of government effectively address the requirements for emergency response.

3. General Policies

The general policies for maintaining effective inter-governmental liaisons during winter storms that may affect Rockland County are:

- a. The normal channel of communications will be village, town-to-County, County-to-state, state to-Federal (See Figure 2). Unless determined to be unfeasible, special districts will coordinate with local government.

FIGURE 2: NORMAL CHANNEL OF COMMUNICATIONS



- b. County agencies will establish and maintain contacts with their counterpart agencies at the Town, Village and State levels (e.g., the County Highway Department will stay in touch with town public works departments and the State Department of Transportation.)
- c. The County Executive will remain in communication with municipal chief executives and the Governor's Office. Emergency management officials at the County, State and municipal levels will supplement or substitute for their chief executives as operational needs require.
- d. Contacts with Federal agencies activated in conjunction with the Federal Response Plan will be coordinated by the New York State Office of Emergency Management (NYSOEM).
- e. Communications with village officials will normally be made through the OFES via a Situation Report, unless it is determined that this arrangement inhibits the ability to quickly respond to an emergency situation.
- f. Additionally, town and village communication with the County will also incorporate the status and needs of local governmental districts (e.g., school, water, sewer, fire, ambulance), and major facilities.

4. Special EOC Liaisons

In addition to the communications channels described above, contacts with the following agencies will be coordinated through the EOC agencies listed.

**-Fire/Police Departments:** The Office of Fire & Emergency Services, through Communications, will maintain contact with the Fire and Police Departments.

**-EMS Providers:** Liaison with EMS providers will be conducted through County EMS Coordinator.

**-School Districts:** BOCES representatives will have on-going communications with all affected school districts within the county.

## **D. EMERGENCY DECLARATIONS AND ORDERS**

### 1. Scope

This section addresses the powers of the Rockland County Executive in declaring a state of emergency in all or any part of Rockland County. The roles of County agencies acting under emergency orders are also discussed.

### 2. Primary Role

The Rockland County Executive will perform the key duties outlined in this section, in consultation with members of his staff, the County Attorney, the OFES and other agencies represented at the EOC.

### 3. Chief Executive's Powers

Article 2B of State Executive Law provides for the chief executive of a county, city, town or village to declare a state of emergency and issue emergency orders in the event of a public emergency or reasonable apprehension of immediate danger thereof. The declaration can encompass the entirety of the chief executive's territory or any portion of it. Among the emergency orders that the chief executive can promulgate are:

- the establishment of a curfew;
- the prohibition and control of pedestrian and vehicular traffic;
- the designation of specific zones within which the occupancy and use of buildings and the ingress and egress of vehicles and persons may be prohibited or regulated;
- the regulation and closing of places of amusement and assembly;
- the prohibition and control of the presence of persons on public streets and places;
- the suspension of local laws, ordinances or regulations which may prevent, hinder or delay necessary action in coping with the emergency.

**Attorney General's opinions have further defined the boundaries of a chief executive's emergency authority, holding that:**

- A county chief executive can unilaterally declare a local state of emergency in a city, town or village without the concurrence of the chief executive of the city, town or village.
- A county or local chief executive can declare a state of emergency with respect to state-owned property within his or her jurisdiction.

4. Associated Requirements/Limitations

Once a declaration of an emergency has occurred, Article 2B establishes the following requirements on the part of the chief executive:

- The declaration and all associated emergency orders must be disseminated through the print and electronic news media as soon as practicable.
- Emergency orders are in effect for five days, unless the chief executive declares before the end of five days that the emergency no longer exists.
- The chief executive may extend his or her declaration for additional periods of up to five days for the duration of the local state of emergency.
- An emergency declaration by a county chief executive must be filed within 72 hours (or as soon thereafter as practicable) with the Clerk of the County Board of Supervisors, the County Clerk, and the Secretary of State of New York.

5. EOC Support of the County Executive's Declaration

The County Executive's decision to declare an emergency will be based largely on advice provided by officials working in the Emergency Operations Center. EOC agency input will be critical in both reaching a decision on declaring an emergency and in implementing emergency orders once they are defined.

a. Before the Declaration:

In determining the need for a declaration of emergency, the County Executive will consider its potential impact on County agency operations (e.g., Police patrols, County roads and buildings) as well as municipal response capabilities (e.g., snow removal, evacuation, sheltering). With those dual concerns in mind, input from EOC agencies will be needed in addressing the following factors:

- Beginning at the expected arrival of a winter storm, and periodically thereafter, a briefing and/or Situation Report, will be conducted by OFES

for the County Executive and other agencies on the approaching storm and County/municipal response and emergency order options.

Where the actions of municipal (e.g., town and village) chief executives conflict, with a potential harm to local residents, the County Executive will act to resolve the conflict or issue an emergency order that covers the community in question.

- If a municipal chief executive is unwilling or unable to make an appropriate emergency decision, the Rockland County Executive will direct an appropriate response by an emergency order.

- Information to be articulated to the public in an emergency order:

- \* What is the problem?
- \* What is expected of them?
- \* What should they do to be safe?
- \* Where is the greatest danger?

b. After the Declaration:

In addition to their customary operational roles, agencies at the EOC will be required to follow through on the issuance of an emergency declaration in the following ways:

- providing public information on what the situation is and what is expected of residents and visitors of the areas affected by the County Executive's declaration;

- enforcement of the emergency orders, as emergency strategy dictates, violations of which are Class B misdemeanors;

- utilizing the feedback network among agencies of the same discipline at the local, County and State levels, to ensure that the emergency orders are understood and respected; and

- ensuring that the extraordinary powers available to agencies under the emergency orders are properly implemented, for agencies such as police (arrest/evacuation), fire (evacuation), public works (barricading), and Consumer Affairs (price gouging).

## **E. PUBLIC INFORMATION**

### 1. Scope

This section addresses the various aspects of providing critical information to the public during winter storm-related emergency situations.

### 2. Primary Role

The County Executive, through the Director of Communications resources of his/her office, will direct County public information efforts initiated under this plan. In the absence of the Director of Communications, the Director of Fire & Emergency Services, will perform these functions.

### 3. Emergency Public Information Policy

Upon the activation of the County EOC, and until the time when the EOC is formally deactivated, all press releases and media contacts relating to Rockland County's emergency response will be addressed by the County Executive's Director of Communications. Exceptions will be made to this policy only with the knowledge and agreement of the Rockland County Executive's Office.

It is requested that media contacts by non-County agencies represented at the EOC be coordinated with the County Executive's Office and/or the OFES.

### 4. Public Call-in Number

A public phone number will be established for county residents to inform the EOC of their concerns and their needs. Supplemental information on what people can do, where they can go, and how they can travel will also be provided.

### 5. Media Access at EOC

Media access within the EOC will be the responsibility of the County Executive's Director of Communications (in consultation with the OFES Director.) News media representatives will have controlled limited access to the EOC. The Director of Communications will arrange interviews, briefing and operations-area tours, as appropriate. A classroom at the County Fire Training Center will be the designated location from which media representatives will have the opportunity to operate.

6. Emergency Alert System /EAS

The County Executive may elect to utilize the Emergency Alert System to communicate official information to the public. Access to EAS will be arranged by the OFES at the County Executive's request. The EAS should only be utilized for a major emergency.

7. General Agency Roles

a. County Agencies:

**-Consumer Protection:** input on press releases regarding where gasoline and food supplies are available, and the reporting of potential price-gouging situations.

**-County Executive/Director of Communications:** overall direction of public information effort, encouragement to the public to obey advice of officials, coordination of releases with municipalities and State, activation of the EAS.

**-Chief of Staff:** compile public information for dissemination by Public Information Office, activation of the EAS.

**-Director of Fire and Emergency Services:** provide input for press releases, through Fire Communications, relative to fire resource allocations, as well as road and property conditions.

**-General Services:** printing of news releases and other critical public information.

**-Health:** input on press releases requesting health, sanitation, food and water issues.

**-Department of Hospitals:** information on the functional status of the Nyack and Good Samaritan Hospitals and local nursing homes.

**-Mental Health:** input on press releases for advice on mental health issues.

**-B.O.C.E.S.:** coordination of announcements regarding the status of school activities.

**-Police:** input on press releases for personal and property protection and road conditions.

**-Department of Highways:** input on press releases for highway conditions.

**-Social Services:** input on press releases regarding public assistance eligibility.

b. Federal Agencies:

**-Coast Guard:** broadcasts weather and marine advisories on marine broadcast frequencies.

**-Weather Service:** disseminating official County and municipal announcements, through its weather statements.

c. **Municipal Governments:**

-copies of media advisories issued by town and village officials.

d. Other Agencies:

**-Orange & Rockland Utilities:** will provide copies of media advisories and news releases on county issues regarding power outages.

**-Verizon:** copies of media advisories issued by Verizon, coordinating information on the status of telephone service within the county, along with OFES.

**-American Red Cross:** information for press releases regarding shelter status, making inquiries on the status of relatives and friends and how the public should prepare for their own sheltering, copies of media advisories issued by Red Cross.

**-United Water:** will provide status reports on issues pertaining to their distribution network.

8. Public Contributions

Rockland County will work with the State of New York Emergency Management Office, the Red Cross, and the United Way of Rockland County to ensure that any public contributions to help victims of a major storm reach the beneficiaries in an expeditious manner. The following county policies will be adhered to by County agencies.

- Description of what kinds of contributions are needed and how they should be made will be mutually determined by the County, the State of New York Emergency Management Office, and the Red Cross.

- Contributions of clothing and food to the County from within its boundaries will be directed to the Salvation Army and distributed if agreed upon with OFES in consultation with the Red Cross and the County Executive.

- Contributions of clothing and food from outside of the county will be coordinated by New York State Emergency Management Office and distributed by them in consultation with OFES and the American Red Cross.

A policy on handling financial contributions made by the public to assist disaster victims will be determined on a cooperative basis by the county and the State.

## **F. EVACUATION**

### 1. Scope

This section addresses the responsibilities of County agencies and other organizations working in the EOC in considering and implementing orders to evacuate if required.

### 2. Primary Role

The Office of Fire and Emergency Services will be the focal point among County agencies for evacuation activities.

### 3. Evacuation Decision Making

Chief Executive's Powers:

The power to order an evacuation rests with the chief executive at the County, town or village level when he or she issues a declaration of emergency under Article 2B of Executive Law. Such an emergency order can have effect in all areas within the chief executive's jurisdiction, with the exception of Federal government property. Public safety agencies operating within the jurisdiction will implement the chief executive's evacuation decision as directed by his or her emergency order.

It is the Rockland County Executive's policy to, when possible, permit municipal chief executives and town supervisors the option to order evacuations as they determine appropriate. If, however, a local chief executive does not order an evacuation of a threatened area and the County Executive determines, based on the advice of EOC agency representatives, that an evacuation is warranted, the County Executive will issue an emergency declaration that orders or recommends the evacuation.

### 4. Agency Evacuation Roles

Summarized below are agencies staffing the Rockland County EOC or who play key roles in implementing or supporting local evacuations.

a. County Agencies

**-County Executive:** Dialogues with municipal chief executives to support their decisions or make such decisions without their concurrence.

**-OFES:** monitoring the storm, plotting actual and projected paths, contacts with local emergency management officials and key EOC agencies and liaison with local fire officials, ARC, TOR, DSS.

**-Parks:** closing and evacuation of County Parks by Director of Environmental Resources at the direction of the County Executive, notification of closing/evacuating of parks to users and patrolling of parks to ensure that all users have evacuated.

**-Sheriff Department:** representatives at the EOC will contact the New York State Park Police to learn the State Parks plan of action.

**-Rockland Independent Living Center** outreach to ensure that constituency is aware of need to evacuate and has access to transportation and provision of mini-buses to constituents who require rides from areas being evacuated.

**-Police:** all aspects of evacuation, including police vehicle public address systems and door-to-door public notifications, if needed and liaison with all other affected police agencies, traffic control to facilitate evacuation and security of evacuated areas.

**-Department of Highways:** ensuring, as possible, continued accessibility of County roads and liaison with State and municipal public works officials. HWY will contact the Police to effect the road closings it deems necessary for the safety of emergency equipment and the travelling public.

b. Federal Agencies

**-National Weather Service:** disseminating County and municipal evacuation recommendations and orders, through its weather statements.

c. State Agencies

**-State Police:** traffic control to facilitate evacuations and monitoring conditions on NYS Parkways.

d. Municipal Agencies

**-Towns/villages:** making decisions to evacuate and implementing evacuations and communicating decisions to the County.

e. Other

**-BOCES:** liaison between EOC and schools in matters pertaining to evacuations and school shelters.

**-ORANGE & ROCKLAND:** discontinuation of power and gas services in vulnerable areas will be discussed with O&R management.

**-UNITED WATER:** maintaining water infrastructure

**-TOR:** providing transportation as needed, as requested by OFES.

**-Red Cross:** opening of shelters to house evacuees.

**-Verizon:** providing status of restoration of telephone service, as well as identifying critical facilities without service.

## G. SHELTERING

1. Scope

This section discusses the organization for public shelters that will be operated as places of refuge for people forced to leave their homes or locations of temporary lodging because of a winter storm.

2. Primary Role

The American Red Cross will serve as the main resource for sheltering within this plan. Local municipalities - OFES, the Health Department and County Department of Social Services will play key supporting roles in sheltering issues.

3. Public Shelters

The American Red Cross will coordinate the operation of emergency shelters in Rockland County. The Red Cross will be represented at the County EOC and mobilize its resources from the Rockland County Chapter's headquarters in

Nyack. Security at County designated shelters will be coordinated through the Sheriff's Department.

The Red Cross will provide OFES with a Red Cross Shelter Status (e.g., number, locations, people sheltered) throughout Level 2 and Level 3 EOC Activations. OFES will merge this information with data on municipal operated shelters to provide a county-wide shelter status for the use of the County Executive, the State, and other concerned entities.

#### BOCES Assistance

The BOCES representative in the County EOC may be available to assist the Red Cross with any matters pertaining to the use of school facilities as public shelter sites.

#### 4. Special Needs Shelters

DSS in conjunction with the County Department of Health will coordinate Special Needs Shelters to serve evacuees who require on-going medical attention due to age or a chronic or temporary physical condition.

##### a. Locations:

Special Needs Shelters will be activated by the DSS upon a determination made by the Department of Health, OFES and the Red Cross.

##### b. Operational Needs:

The following sources of assistance can be accessed through the County EOC:

**-Communications:** Verizon can provide emergency telephone lines, as needed for Special Shelters. In addition, RACES will provide two-way radio communications between all shelters and the EOC.

**-Counseling:** The Department of Mental Health will provide counseling at Special Needs Shelters, coordinated through the DSS. The Department of Social Services will also be available to help evacuees with questions regarding public assistance.

**-Electrical Power:** The Orange and Rockland Utilities representative at the EOC will transmit the request for providing commercial electrical power to Special Needs Shelters on a priority basis.

**-Food:** The Cook Chill Production Center in Orangeburg, New York, can supply meals to public shelters, supplemented by the County Department

of Hospitals. Food for those on special diets should be arranged with medical institutions on the advice of qualified personnel.

**-Medical Staff:** The Department of Health will provide personnel from its Public Nursing Division as needed and available for Special Needs Shelters. In addition, the EMS desk in the EOC can provide access to paramedics and emergency medical technicians.

The Department of Hospitals will also access hospitals, home healthcare providers, and associations of physicians for assistance as the situation requires. Assistance can be requested as well as medical units of State and Federal military organizations, through the State of New York.

**-Medical Supplies:** General medical supplies will be procured by the Departments of Hospital and Health through their normal channels of contacts. Additional supplies will be procured through local medical sources as the situation warrants.

**-Director of Communications:** All announcements regarding the operation of Special Needs Shelters will be made by the Director of Communications through the EOC.

**-Record-Keeping:** DSS will establish and administer all record keeping associated with the Special Needs Shelter operations.

**-Sanitation:** Responsibility for maintaining sanitary conditions, including the proper disposal of medical and non- medical wastes, will be with the Department of Health. Assistance with general sanitation needs may be provided by the County Department of General Services, upon request.

**-Security:** As with emergency public shelters in general, Special Needs Shelter require on-going security assistance. Police agencies at the County EOC will mutually determine security staffing for these facilities. If possible, members of the County Sheriff's Reserve Force could be utilized.

**-Supplies:** (general): the Red Cross and can provide general supplies, such as cots and blankets, upon request, as available.

**-Transport of Rockland:** Buses can be used for temporary shelter ( to protect people from the elements) and can also provide temporary shelter to individuals requiring on-going medical attention.

c. Special Needs Shelter Status:

DSS will provide the OFES with a Special Needs Shelter Status (e.g. location, people sheltered, special problems) following the activation of this kind of facility. The OFES will include this information as part of a county-wide shelter status for the use of the County Executive, and other concerned entities.

**H. ACCESS AND FUNCTIONAL NEEDS**

1. Scope

This section describes how the emergency needs of especially vulnerable Rockland County residents and visitors will be met.

2. Primary Role

The County Department of Social Services will coordinate the efforts of agencies that provide emergency-related services to individuals with special needs.

3. Categories of Special Needs

Town and village-level governments and social service agencies usually provide the first line of support to vulnerable populations. In addition, Rockland County and other EOC-based agencies can furnish resources and services described below. Finally, county residents will be encouraged by the County Executive to contact friends and family members with special needs to ensure that they take appropriate precautions in the event of a hurricane or coastal storm.

a. Access and Functional Needs:

The County Office of Fire and Emergency Services maintain a web-based database of residents with access and functional needs, which will be consulted as part of a public outreach both prior to and following a major storm. Orange and Rockland Utilities maintains a list of “Life Support Customers” who are telephoned to ensure awareness of an approaching severe storm. Orange and Rockland Utilities also notifies hospitals in the area and will provide them with a contact name and phone number to call during storm restoration.

b. Elderly:

The County Office for the Aging will use its network of local agencies to monitor the impact of a winter storm on the county's senior citizens and address their special requirements.

c. Impoverished:

The Department of Social Services will reach out to its clientele to ensure that any emergency-related needs are met. DSS will also assess the storm's impact to determine if, as a result, additional residents may be eligible for its programs. The Red Cross will also be providing the public with food and shelter in the aftermath of a major storm.

d. Language:

The following EOC agencies have been identified as having employees or access to individuals who can provide interpretation for non- English speaking disaster victims:

- Police
- Red Cross
- Department of Social Services
- Department of Mental Health

e. Mental Health

The Department of Mental Health will provide to its existing clientele and have its services available to all vulnerable groups.

f. The Chronically Ill:

The Rockland County community based home health agencies will initiate outreach to their homebound patients to ensure adequate planning. In addition, Orange and Rockland Utilities will contact its customers who have registered under the Life Support Apparatus program and report any problems to the EOC.

g. Social Services:

The Department of Social Services will reach out to its clientele and will coordinate the provisions of counseling services as necessary through its access to social work professionals throughout the region.

## **I. SPECIAL FACILITIES**

1. Scope

This section describes how Rockland County agencies and non-County organizations represented at the EOC will monitor and respond to the needs of special facilities within the county that may be adversely affected by a winter storm.

2. Primary Role

The OFES will coordinate that the needs of special facilities described in this plan are addressed in winter storms.

3. Categories of Special Facilities

The normal channel for monitoring the status of special facilities within Rockland County will be through the municipal officials in whose jurisdiction these facilities are located. However, since these facilities are so significant in the daily lives of the county's residents and visitors, their status and needs will be verified by EOC-based agencies as described below:

a. Adult Homes:

The Department of Hospitals will monitor the status of non-medical adult homes in the county, and assist these facilities in relocating their residents, in consultation with other EOC agencies.

b. Colleges: (St. Thomas Aquinas, Dominican and Nyack)

BOCES will establish and maintain contact with colleges with large resident populations, until it is determined that regular contacts are unnecessary. In addition, Rockland Community College may serve as a major public shelter site, and will report directly to the EOC on the status of its facilities and operations.

c. Hospitals:

The Department of Hospitals in conjunction with DOH will monitor the levels of demands being placed on hospitals in Rockland County and their storm related needs.

In addition, police agencies at the EOC can provide security at hospitals, should situations require this kind of assistance. Orange and Rockland will outreach to hospitals through its hospital coordinator prior to the event.

d. Nursing Homes:

The Rockland County Department of Hospitals will monitor the status of nursing homes throughout the period of Levels 1 and 2 EOC Activation.

e. Penal Institutions:

The Sheriff's Department will maintain its own correctional operations as well as monitor the status of municipal penal facilities around the county. The County Correctional Facility could accommodate the temporary transfer of those being held in municipal facilities, as space allows. As part of the emergency declaration, the County Executive could request that the Governor remove sentenced inmates from the County Correctional facility.

f. Schools (from Pre-K through Grade 12):

The designed BOCES representative will monitor the activities of the BOCES district, local school districts, private schools, and special educational facilities. BOCES will also serve as a liaison between the Red Cross and school officials regarding emergency shelter operations.

## **J. EQUIPMENT RESOURCES**

1. Scope

This section refers to equipment that may be available from within Rockland County to cope with the effects of a winter storm.

2. Primary Roles

The OFES Resource Coordinator and Purchasing Division of the Department of General Services will have primary responsibility for identifying the need for locating and transporting equipment resources as necessary in responding to an emergency. County Highway will serve as the main contact point for the transportation of equipment.

3. County Resources

The OFES maintains a number of county agency equipment lists at the EOC. The Department of General Services will advise the OFES and other county agencies as to the feasibility of purchasing or leasing equipment needed during an emergency. As required, General Services will facilitate these special emergency-related purchases.

In addition to the above sources , the following agencies have identified equipment resources within their control that may be helpful in addressing certain aspects of emergency response.

- a. Consumer Protection:
  - pick-up trucks
- b. 44-Control
  - listing of fire department resources in Rockland County
- c. General Services
  - trucks
  - county fleet automobiles
  - four wheel drive vehicles
  - vans
  - snow removal equipment
- d. Health
  - four-wheel drive vehicles
  - water quality monitoring instruments
  - G.P.S. units
  - deployable shelter with HVAC
- e. Mental Health
  - passenger vans
- f. Sheriff
  - vans
  - four wheel drive vehicles
  - 24 passenger vans
- g. County Highway Department
  - chain saws
  - various trucks
  - graders
  - crane
  - bucket truck
  - heavy equipment trailers
  - snow plows

- salt trucks
- pumps

h. Office of Fire and Emergency Services

- Sand bags
- Chain Saws (20)
- Portable Pumps (20)
- Generators
  - 6KW Generator (20)
  - 20KW Generator (1)
  - 25KW Generator (1)
- Communications Vehicle
- Cots (125)

4. Other Sources

a. State:

Assistance in the forms of personnel and equipment from the New York Army Guard Unit can be requested through the State Office of Emergency Management.

b. Federal:

Coast Guard

- helicopters

c. Other:

CSX

TRANSPORT OF ROCKLAND

- buses

d. Verizon

- cell on wheels
- generators
- conference calling service

**K. FOOD**

1. Scope

This section describes how food will be made available to emergency workers and the public in the aftermath of a winter storm.

2. Primary Role

The Red Cross will coordinate or oversee the providing of food.

3. Food for the Public

EOC agencies:

The agencies listed below will be able to provide food for the public, following a major storm.

a. From within the County:

**-Red Cross:** will provide food as part of its shelter operations, can also establish separate public feeding sites, at the request of the EOC.

**-Salvation Army:** will provide food to public feeding site, based upon requests made to municipal and County officials through the EOC.

**-Orange and Rockland Utilities:** Management will make a decision as to the distribution of dry ice for food preservation to the affected public in situations where a prolonged power outage is anticipated.

b. From Outside the County:

In the most severe circumstances, when food sources within Rockland County will not be sufficient to address emergency needs, food from outside the county may be provided. Rockland County policy will be to:

-rely on the Red Cross, and the State of New York Office of Emergency Management to procure required food.

-work with these agencies in distributing the food once it arrives.

4. Food for Emergency Workers

a. Field Responders:

It is likely that emergency service organizations with emergency power and kitchens in their buildings will provide meals for their personnel. In addition, the American Red Cross can establish canteens for emergency workers at sites determined in consultation with agencies represented at the County EOC. Emergency Workers will also be welcome to eat at Red Cross Shelter locations.

b. County EOC:

The Department of Purchasing will provide meals at the EOC throughout its Level 2 and 3 activation periods. The County Department of Hospitals will supplement their efforts, as necessary.

**L. DAMAGE/NEEDS ASSESSMENT**

1. Scope

The County's Damage assessment capability will play a key role in determining the timeliness and adequacy of the assistance it provides to the municipalities and their residents. An effective damage assessment process will also facilitate arrangements for additional assistance from other counties and municipalities, and from the State and Federal governments.

The emphasis in this plan will be on damage/needs assessment in the immediate aftermath (i.e. within 72 hours of impact) of a major storm, when life saving initiatives will have to be undertaken in a comprehensive, coordinated manner. Agencies at the EOC are expected to make every effort to identify life threatening situations, make them known to OFES, and work with other agencies in providing emergency assistance in a timely manner. Other storm-related information that helps in defining the extent of the damages (e.g. structural damage, road closings, power outage, snow removal) should also be elicited and shared with OFES/EOC representatives.

2. Primary Role

The OFES will direct the County's damage assessment process, in conjunction with other agencies represented at the EOC.

3. Feedback Network

A rough, but fairly accurate picture of the degree of devastation will be generated to OFES and agencies at the EOC from the following kinds of sources:

- County Drainage Agency.
- town and village government officials.
- calls to the EOC by the public.
- the National Weather Service.
- traffic over the radio network of emergency public works agencies.
- reports made to agencies at the EOC by their personnel and their local and State counterparts
- RACES
- County Solid Waste Authority
- County Sewer District

Agencies represented at the EOC will provide reports of impact to OFES covering the following details:

a. BOCES

BOCES will act as the liaison to all school districts in the county, and will coordinate damage assessment efforts that pertain to BOCES facilities, local school districts, and individual private schools with students from pre-K through Grade 12.

b. HELP:

HELP can be contacted by County Radio Headquarters to provide flights for County and municipal officials to survey storm damages from the air, and to conduct aerial searches for missing persons and persons isolated by the storm. This unit will also be used to look for stranded motorists and hikers.

c. Consumer Protection:

Although not normally represented at the EOC, the Office of Consumer Protection should be consulted regarding conditions in food stores and at facilities that dispense fuel.

d. Office of Fire and Emergency Services:

In addition to its role as overall EOC administrator and damage assessment coordinator, OFES will elicit information on a storm's impact from municipal chief executives and local emergency management coordinators, and the National Weather Service.

e. General Services:

The Department of General Services will be responsible for determining damage to and impacts on County facilities.

f. Health Department:

The roles of the Health Department in damage assessment are focused in the following areas:

-food establishments: determining the amount of food spoilage in public eating facilities.

g. Orange and Rockland Utilities:

Orange and Rockland Utilities, as the county's commercial power utility, will provide estimate of customer power outages on a town-by-town basis, as well as general estimates for the restoration of service.

h. CSX/Norfolk Southern/N.J. Transit and Norfolk Southern:

Although not represented at the EOC, these organizations will be contacted to provide information on the status of its rail-lines and schedules.

i. Verizon:

Verizon will furnish estimates of customer outages within the county, as well as general estimates for the restoration of service.

j. Parks:

The County Parks Department will furnish information on the general storm impact throughout the parks system. In addition, the Parks Department will help identify areas in which storm debris can be temporarily gathered.

k. Police:

Town and Village Police Departments will provide general reports on conditions throughout their patrol areas. The Police Departments may request the HELP helicopter which can be used for damage surveys. Police personnel on patrol can also advise on devastation in affected areas, as well as identifying transportation impediments such as traffic signal problems, road blockages, and downed power lines.

l. Radio Headquarters:

44-Control can also provide summaries of local storm impacts based upon local emergency services radio traffic.

m. Public Works:

Local Department of Public Works will be responsible for reporting damages to the public infrastructure that is normally under its purview, including bridges, roadways, and utilities.

n. RACES:

In addition to the support services it will provide to agencies such as OFES, the Red Cross and village and town emergency management officials, individual RACES operators will, if needed, furnish the EOC with damage reports. OFES will inform RACES representatives at the EOC of specific area where information on the storm's impact is especially desired.

o. American Red Cross:

As part of its Congressional charter, the American Red Cross initiates its own damage assessment process following a major storm to determine what level of Red Cross assistance needs to be provided. This is usually performed in two phases:

An immediate assessment performed within 24 hours of storm impact if at all possible, to get a general sense of devastation; and a more extensive survey conducted 24-72 hours after impact, that includes virtually every street in a stricken community.

Red Cross representatives at the EOC will share their survey results with County officials and work with OFES and other agencies to prioritize areas requiring immediate assistance.

p. Office for the Aging:

The Office for the Aging will ascertain the operability of the Meals on Wheels Program and other Senior Citizen programs throughout the County. The effects of delays in providing these services, as well as other storm impacts on seniors will be provided to OFES on a regular basis.

q. Sheriff Department:

The Sheriff Department Deputies may be made available for damage assessment assignments to specific areas, as coordinated with other EOC police agencies.

r. Social Services:

The Department of Social Services will reach out to its clients to ascertain the storm's impact on them and to identify their needs for emergency food, clothing and shelter.

s. National Weather Service:

The National Weather Service will work closely with volunteer weather observers and field response agencies as a means to determine the impact of a storm. Although not usually represented at the EOC, the National Weather Service will be regularly consulted for reports of damage as well as for meteorological and hydrological information.

t. United Water:

United Water, as the County's primary commercial water utility, will provide status reports on their infrastructure on a town-by-town basis, as well as general estimates for the restoration of service.

u. Village of Nyack Water Department:

The Village of Nyack Water Department will provide status reports on their infrastructure, as well as general estimates for restoration of service.

v. Village of Suffern Water Department:

The Village of Suffern Water Department will provide status reports on their infrastructure, as well as general estimates for restoration of service.

4. Federal-State Damage Assessment

As the emergency situation begins to subside to any degree, Rockland County will likely be contacted by the State Emergency Management Office to begin a more formal damage assessment program that could ultimately lead to a disaster declaration by the President. OFES will respond to requests made by NYSOEM to organize this process, which will usually involve a number of County and State agencies, Federal personnel led by the Federal Emergency Management Agency, and municipal officials.

Through all phases of the Federal- State damage assessment process, the OFES will serve as the official source of coordination within Rockland County among all levels of government.

## **M. SNOW CLEARANCE AND REMOVAL**

### 1. Scope

A critical factor in the ability of government to respond to a winter storm will be the implementation of a successful snow clearance and removal system in the affected areas. Rockland County's role in this function will incorporate county thoroughfares and properties, as well as the management of assistance to towns and villages.

### 2. Primary Role

The Rockland County Department of Highways will coordinate Rockland County's efforts in the area of snow clearance and removal.

### 3. Policies

Management of Rockland County's snow clearance and removal activities will normally adhere to the following policies and priorities:

- a. The Department of Highways will be the focal point for snow-related missions and inquires from State and municipal agencies and private utility representatives.
- b. The Department of Highways will administer its snow-related activities from the Highway Operations Center for as long as the EOC is activated.
- c. The Department of Highways will coordinate with the Orange and Rockland, Verizon, and Emergency Service representatives in the EOC in addressing their needs for getting access to specific area to allow for the restoration of utility and public safety services.
- d. County agencies represented at the EOC will inform County Highway of snow clearance missions they have or that have emanated from their community-level contacts. County Highway will establish priorities for extraordinary County assistance, in consultation with the County Executive, OFES and other County agencies.
- e. County Highway will work with all County agencies having responsibility for snow clearance and removal in establishing response priorities. Considerations will include:

-providing assistance to municipalities, if conditions warrant, prior to fulfilling all snow clearance requirements for County roadways and facilities;

-assigning supplemental resources and personnel being provided by State and Federal agencies to areas of greatest need.

-re-directing resources to address public safety issues.

-establishing location(s), in consultation with the Solid Waste Authority, where storm debris can be temporarily stored.

-securing approval from the County Departments of Health, Parks, and State of New York for the storing of storm debris.

- f. Phone calls from the public regarding snow clearance issues will be referred to the County Highway Department representative(s) in the EOC. Items pertaining to State or municipal concerns will be passed along to appropriate officials of agencies at those levels.

4. Sources of Assistance

- a. Department of Parks:

The labor force of the Department of Parks may be available to assist in EOC- authorized snow clearance work within the county parks system.

- b. Sheriff Department:

There is a potential labor pool of inmate labor workers through the Sheriff's Department with correctional officer supervision.

- c. Requests for National Guard assistance in snow clearance and removal will be made through OFES to the State Office of Emergency Management. Once the request to assist is approved, Guard personnel will work directly with County Highway to coordinate its response activities within the county.

Other potential State sources of snow clearance assistance include the Department of Transportation, the Thruway Authority, and the Division of Parks, Recreation and Historical Preservation. The requesting and coordination of support from these agencies will be handled in the same manner as the National Guard: OFES requests through NYSOEM, and the County Department of Highways handles the logistics with the assisting agency, once the requests are approved. If the need arises for snow

clearance and removal assistance from Federal agencies, County Highway will service as coordinator of these resources, through the State.

d. Private Contractors:

Assistance from private contractors in the forms of equipment, with or without personnel, and supplies will be coordinated by County Highway Department.

e. Coast Guard:

Icing conditions in the Hudson River will be reported to the EOC and referred to the Coast Guard for further action as deemed necessary.

**N. CRISIS COUNSELING**

1. Scope

Recognizing that a significant aspect of a major winter storm will be its psychological impact on those who have lost family members, friends, property and possessions, the availability of competent counseling is an essential function in restoring normalcy in Rockland County. Moreover, crisis counseling must be accessible to government and emergency services providers.

2. Primary Role

The County Department of Mental Health and the County's Critical Stress Debriefing Team will be responsible for the provision of crisis counseling during and following an emergency.

3. Counseling for the Public

The Department of Mental Health will oversee the delivery of crisis counseling services to the public. These services are provided within the framework of the Department's Critical Incident response Team (CIRT) and community mental health clinics. The CIRT will provide and/or oversee the disaster mental health response at the disaster scene, staging area, medical examiner's office, shelters and application centers. Community outreach services will be established at temporary locations and mobile teams will make outreach home visits as required. Ongoing counseling will be available at the community mental health clinics. Crisis counseling in hospital emergency room area of inpatient units will be provided at the request of the hospital.

The team will oversee and coordinate deployment of crisis counselors from additional resource agencies, professional associations, and individuals. Under

the NYS Office of Mental Health-NYSOEM disaster mental health plan, can request mutual aid from CIRTTS of neighboring counties if required.

Additional sources of crisis counseling for the public include the following organizations:

a. American Red Cross

The American Red Cross has trained mental health professionals to provide needed psychological counseling and support to disaster victims, emergency workers and Red Cross paid and volunteer staff. These Services take place at Red Cross shelters, service centers and mobile feeding sites. Disaster Mental Health Services are also available during the recovery and post-recovery phases of operation.

b. Social Services

The Department of Social Services will access regional social workers network as required to provide counseling to disaster victims.

4. Counseling for Emergency Workers

The County Critical Incident Stress Debriefing Team will provide needed mental health support to emergency workers.

## **PART II**

# **EMERGENCY SUPPORT FUNCTIONS**

## ESF-1, TRANSPORTATION

### Lead Agencies

- County Transportation
- County Highway Department

### Support Agencies

- County Sheriff
- County Office of Fire and Emergency Services
- County Fire Coordinator
- Local Law Enforcement
- County Emergency Medical Service Agencies
- Helicopter Emergency Lift Program

#### 1. Purpose

The purpose of ESF-1 is to coordinate the use of transportation resources and services necessary to support emergency response or recovery operations or other disaster assistance initiatives, including but not limited to evacuation routing and road, highway, and bridge repair or clearance.

#### 2. Scope

Transportation support entails providing or utilizing land, air, rail, watercrafts, or other resources for emergency response or assistance operations, as well as coordinating the use of the resources to facilitate an effective, efficient, and appropriate result.

Potential operations include:

- Providing resources or personnel that aid traffic control, relocation, and evacuation efforts;
- Monitoring restricted air space (in cooperation with the Federal Government);
- Conducting damage assessment;
- Performing aerial reconnaissance or photography;
- Transporting patients or medical professionals; and
- Restoring county roads, bridges, and transit systems or establishing similar temporary structures.

The Transportation ESF team or its individual members may participate in debris management activities when appropriate and as necessary.

### 3. Situation

The extent of damage to the infrastructure of the affected area, in addition to the peculiarities of the transportation network in the area, will influence the strategy or pattern of assistance available and offered by transportation providers.

The ESF Team Leader, in conjunction with team members, may appoint a supplemental staff member as Resource Coordinator to coordinate the deployment of a specific resource (i.e., aviation assets).

The resources of any particular department or agency will never be under the command of an individual not associated with that department or agency.

### 4. Concept of Operations

An assessment of the County's transportation network will be conducted and the information analyzed to determine the feasibility of air, rail, and road travel.

Information will be shared with appropriate traffic control agencies and organizations to aid in the effort to regulate the use of the transportation infrastructure in the affected area(s).

Resource needs and request will be obtained from County and State departments and agencies, other ESFs, and local jurisdictions.

Requests will be prioritized, and resources will be reassigned as they become available for subsequent uses.

All team members will monitor activities and deployments to ensure the core duties of their respective organizations can continue to be performed.

### 5. Organization

Lead Department or Agency: The lead department/agency will:

- Act as the Team Leader as well as the team's representative in policy discussions, negotiations with other ESF teams, and other matters;
- Develop team procedures and policies, as necessary, in cooperation with team members;
- Act as the coordinating agent for all transportation resources; develop operations assignments, and direct deployment, in cooperation with team members;
- Establish liaison with ESF-5 to facilitate the sharing of information and data (see ESF-5 for more information); and
- Collect, compile and report information and data, as appropriate.

Support Departments and Agencies: The support departments/agencies will:

- Provide assistance to the Team Leader, as appropriate, and make resources of their respective organization available for transportation operations, as possible;
- Provide supplemental staff to support the team, as necessary; and
- Track the use of resources from their respective organizations and share that information with the Team Leader.

## ESF-2, COMMUNICATIONS

### Lead Agency

- County Executive's office
- County Office of Fire and Emergency Services
- County 911 Office
- County Communications Center
- Radio Amateur Club Emergency Services (RACES)

### Support Agencies:

- County Department of Social Services
- County Jurisdictions

### 1. Introduction

The purpose of ESF-2 is to coordinate the use of communications resources and services necessary to support emergency response or recovery operations or other disaster assistance initiatives and keep the public informed through the joint use of a joint message center.

Communications support includes providing land-line, modem, cellular and radio assistance or resources for emergency response or assistance missions, as well as coordinating the use of resources to facilitate an effective, efficient and appropriate result. A countywide communications system (i.e., emergency warning point) and the joint message center are two of the most important components of this ESF. It is vital that all major population centers be able to communicate during a large-scale emergency when traditional lines of communication may be down.

Potential operations include:

- Receiving and transmitting messages;
- Issuing alert and warning messages or notifications;
- Ensuring technical support and equipment exists that enable functional countywide communications systems;
- Implementing lease agreements for commercial services or equipment; and
- Identifying government or private sources that can render communications assistance from outside the affected area.

### 3. Situation

Local and County emergency management agencies will maintain open, reliable and redundant systems.

Local and County emergency management personnel will monitor local and national reporting services that indicate present and impending weather conditions.

The extent of damage to the communications infrastructure of the affected area, in addition to the peculiarities of the telecommunications network in the area, will influence the strategy for assistance offered by services providers.

The Emergency Alert System can be activated for local, county or regional public announcements.

#### 4. Concept of Operations

An assessment of the local and countywide communications network will be conducted and the information analyzed to determine the feasibility of landline, cellular and electronic communications in the affected area.

The status of communications technology and resources will be disseminated among emergency response agencies.

In all cases, threatened jurisdictions and immediate response agencies or departments will be notified as soon as possible.

Warnings or notifications will be made through the County's primary warning point except when the County EOC is activated and emergency information is disseminated from that facility.

Public service announcements, as well as warning for the hearing impaired or other special needs populations, will be disseminated in the most appropriate and effective manner to reach the largest audiences, consistent with the technology or resources available for use.

The joint message center is a key to a coordinated delivery of important information to the public. This operation is a major function within the County Operations Center. For additional information on this key function, refer to **ESF-11**.

Resource needs and requests will be obtained from County departments and agencies, other ESFs and local jurisdictions.

Requests will be prioritized and resources will be allocate and deployed in mission assignments.

Missions will be tracked and resources will be reassigned as they become available for subsequent uses.

All ESF Team Members will monitor activities and deployments to ensure the core duties of their respective departments or organizations can continue to be performed.

#### 5. Organization

Lead Department or Agency: The lead department/agency will:

- Act as the Team Leader as well as the team's representative in policy discussions, negotiations with other ESF teams and other matters.
- Develop team procedures and policies, as necessary, in cooperation with team members.
- Act as the coordinating agent for all communications resources; develop operations assignments, and direct development, in cooperate with team members.
- Ensures team members receive shift relief from their respective departments or organizations at appropriate intervals, as additional personnel are available.
- Establish liaison with ESF-5 to facilitate the sharing of information and data.
- Collect, compile and report information and data, as appropriate.

Support Departments or Agencies: The support departments/agencies will:

- Provide assistance to the Team Leader, as appropriate, and make resources of their respective departments or organizaions available for communications operations, as possible;
- Provide supplemental staff to support the team, as necessary; and
- Track the use of resources from their respective departments or organizations and share that information with the Team Leader.

## ESR-3, PUBLIC WORKS AND ENGINEERING

### Lead Agency

- County Highway Department
- County Solid Waste Authority

### Support Agencies:

- County Park Department
- County Department of Health
- County Department of General Services
- County Community Development Office
- County Jurisdictions

### 1. Introduction

The purpose of ESF-3 is to coordinate public works activities necessary to support an emergency response or recovery effort or other disaster assistance initiative. This ESF is also responsible for the coordination of collection and disposal of debris after a disaster/event.

### 2. Scope

Public Works and Engineering support includes providing engineering, construction management and building inspection services; providing contracting services; and performing real estate services.

Potential operations include:

- Construction or restoration of public buildings;
- Repair or restoration of public structures;
- Repair or restoration of water supply systems and wastewater or solid waste treatment facilities;
- Emergency demolition or stabilization of public facilities or structures; and
- Damage assessment or inspection of damaged buildings and facilities.
- Establish and manage disposal sites.
- Establish and maintain temporary storage sites for debris.
- Segregate debris and isolate power and utility lines.
- Monitor operations and sites for compliance with State and Federal regulations.

The Public Works and Engineering ESF team or its individual members will participate in debris management activities when appropriate and as necessary.

### 3. Situation

The extent of damage to the public infrastructure of the affected area, in addition to the condition of the transportation network in the area, will influence the strategy for assessment, restoration operations, and will influence the strategy developed by the debris management team.

Debris may include trees, rocks, dirt and sand, building materials, metal, garbage and sewage, damage vehicles, various hazardous materials, tires, and personal property.

Following disasters that result in significant debris, per-existing disposal sites likely will not represent effective debris management solutions because of capacity limitations and continuous, regular solid waste management operations.

Unattended and log-standing debris may pose safety and health threats to the public.

The ESF Team Leader, in conjunction with team members, may appoint a supplemental staff member as Resource Coordinator to coordinate the deployment of a specific resource.

The resources of any particular department or agency will never be under the command of an individual not associated with that department or agency.

Local jurisdictions are responsible for response and recovery operations up to their capability. Mutual Aid agreements should exist among jurisdictions and should be exhausted before assistance from the county is sought.

### 4. Concept of Operations

An assessment of the condition of public infrastructure will be conducted and the information analyzed to determine the criticality of immediate repair, restoration or demolition of any structure or facility.

The status of the public infrastructure, particularly the condition of water supply, wastewater and solid waste treatment facilities will be disseminated among emergency response agencies and local governments.

Resource need and requests will be obtained from County departments or agencies, other ESFs and local jurisdictions.

Requests will be prioritized and resources will be allocated and deployed in mission assignments.

Missions will be tracked and resources will be reassigned as they become available for subsequent uses.

All team members will monitor activities and deployments to ensure the core duties of their respective departments or organizations can continue to be performed.

Supplement assistance may be available in certain circumstances to support debris management operations or to reimburse county and local departments or agencies for some expenses.

Factors considered by the county and local jurisdictions when seeking to obtain a parcel of land for emergency storage or disposal of debris will include access, environmental use, cost proximity to debris, size and neighboring community patterns.

Reasonable efforts will be made to expedite approval of an emergency site for debris storage or disposal, in accordance with County, State and Federal laws and regulations.

Officials charged with recommending expedited approval of emergency storage or disposal sites will seek to learn where the sites will be, how the site will be constructed and what is intended for the site before developing a recommendation about the site. Local jurisdictions will be encouraged to consider sites that have been pre-identified as contingency areas in formal master planning documents.

## 5. Organization

Lead Departments or Agencies: The lead department/agency will:

- Act as the Team Leader as well as the team's representative in policy discussions, negotiations with other ESF teams and other matters.
- Develop team procedures and policies, as necessary, in cooperation with team members.
- Act as the coordinating agent for all related resources; develop operations assignments and direct deployment in cooperation with team members.
- Ensure team members receive shift relief from their respective departments or organizations at appropriate intervals, as additional personnel are available.

Support Departments or Agencies: The support departments/agencies will:

- Provide assistance to the Team Leader, as appropriate, and make resources of their respective departments or organizations available for public works operations, and debris management as possible;
- Provide supplemental staff to support the team, as necessary; and
- Track the use of resources from their respective departments or organizations and share that information with the Team Leader.

## ESF-4, FIREFIGHTING

### Lead Agencies

- County Fire Coordinator

### Support Agencies

- County Communications
- County Sheriff
- County Jurisdictions
- NYS Office of Fire Prevention and Control

#### 1. Introduction

The purpose of ESF-4 is to coordinate fire detection and suppression resources and services necessary to support an emergency response or recovery effort or other disaster assistance initiative.

#### 2. Scope

Firefighting support entails managing firefighting activities in woodlands or forests and provide personnel, equipment and supplies for emergency response or assistance operations, when such resources would be useful in urban firefighting operations.

Potential operations include:

- Performing fire suppression operations;
- Providing rural water delivery capability;
- Providing supplemental resources to jurisdictions; and
- Conducting damage assessment.

The Firefighting ESF team or its individual members may participate in debris management activities when appropriate and as necessary.

#### 3. Situation

Rural commercial and residential fire incidents typically can be managed by local jurisdictions and will not require extensive County support or involvement; however, management support and resources are available for those instances in which either is necessary.

After certain disaster events, urban water systems may be inoperable or sufficiently damaged so that some conventional fire suppression techniques are severely challenged.

The extent of damage to transportation infrastructure after some disaster events will influence the firefighting strategy as well as the ability of wheeled-vehicle firefighting apparatus to gain access to an active fire site.

The ESF Team Leader, in conjunction with team members, may appoint a supplemental staff member as Resource coordinator to coordinate the departments.

The resources of any particular department or organization will never be under the command of an individual not associated with that department or organization.

Support and assistance from outside the County can be obtained through the State Office of Fire Prevention and Control.

#### 4. Concept of Operations

An assessment of the County's transportation network will be obtained from ESF-1 and the information analyzed to determine the feasibility to travel throughout the affected area.

Information will be shared with local jurisdictions to aid in the effort to regulate the use of firefighting resources in the affected area.

Weather forecasting information will be obtained and disseminated to local jurisdictions.

Resource needs and request will be obtained from County departments and agencies, other ESFs and local jurisdictions.

Request will be prioritized and resources will be allocated and deployed in mission assignments.

Missions will be tracked and resources will be reassigned as they become available for subsequent uses.

All team members will monitor activities and deployments to ensure the core duties of their respective departments or organizations can continue to be performed.

#### 5. Organization

Lead Department or Agency: The lead department/agency will:

- Act as the Team Leader as well as the team's representative in policy discussions, negotiations with other ESF teams and other matters;
- Develop team procedures and policies, as necessary, in cooperation with team members;
- Act as the coordinating agent for all firefighting resources; develop operations assignments, and direct deployment, in cooperation with team members;

- Ensure team members receive shift relief from their respective organizations at appropriate intervals, as additional personnel are available;
- Establish liaison with ESF-5 to facilitate the sharing of information and data; and
- Collect, compile and report information and data, as appropriate.

Support Departments or Agencies: The support department/agencies will:

- Provide assistance to the Team Leader, as appropriate, and make resources of their respective departments or organizations available for firefighting operations, as possible;
- Provide supplemental staff to support the team, as necessary.
- Track the use of resources from their respective organizations and share that information with the Team Leader.

## ESF5, EMERGENCY MANAGEMENT

### Lead Agency

- County Fire and Emergency Services

### Support Agencies

- County Community Development
- County Planning Department
- County Communication Director

#### 1. Introduction

The purpose of ESF-5 is to coordinate the effort to collect, assemble, analyze and disseminate information about an emergency and the necessary response and recovery operations, particularly to facilitate the provision of disaster assistance.

#### 2. Scope

Direction and Control support includes collecting, processing and disseminating information to State, County, local and private officials involved in emergency response and recovery operations, as well as the Federal government when federal representatives are involved in response and recovery activities.

Potential operations include:

- Obtaining damage assessments from affected jurisdictions;
- Gathering data and information and developing reports;
- Collecting deployment information from ESF teams; and
- Producing status reports and creating strategic operations plans for the event.

#### 3. Situation

The extent of damage to both transportation and communications infrastructure of the affected area will influence the strategy or pattern of data collection practiced by the ESF team.

The ESF-5 team will rely on local reports and damage assessments as well as information from other ESF teams to develop a County or regional summary of events, damages and response organizations.

The fundamental information the ESF team will seek to gather includes:

- Geographic boundaries of the affected area;
- Social, physical, economic and political impacts of the disaster;
- Status of transportation systems in the affected area;
- Status of communications systems in the affected area;
- Access/entry points to the affected area;
- Hazard-specific data and information regarding the disaster;
- Current and forecast weather conditions for the affected area;
- Status of critical facilities in the affected area;
- Scope of emergency activation by local governments in the affected area;
- Decisions regarding emergency declarations by appropriate jurisdictions;
- Political district boundaries in the affected area;
- Major concerns, activities and deployments of all ESF teams;
- Resource needs and unmet service needs;
- Response and recovery priorities in jurisdictions and of the county;
- Status of pending ESF operations;
- Parameters of the volunteers and donations strategy for the event; and
- Relevant historical information regarding the affected jurisdictions.

Documents developed by the ESF-5 team will not be released directly to the public.

#### 4. Concept of Operations

Data and information will be obtained continually from County departments and agencies, other ESFs and local jurisdictions, and the findings will be summarized in reports that discuss the event, damages, and operations.

All team members will monitor activities to ensure the core duties of their respective organizations can continue to be performed.

#### 5. Organization

Lead Department or Agency: The lead department/agency will:

- Act as the Team Leader as well as the team's representative in policy discussions, negotiations with other ESF teams and other matters;
- Develop team procedures and policies, as necessary, in cooperation with team members;
- Act as the coordinating agent for all related resources; develop operations assignments and direct deployment, in cooperation with team members;
- Ensure team members receive shift relief from their respective organizations at appropriate intervals, as additional personnel are available;
- Establish liaison with other ESF teams to facilitate the sharing of information and data; and

- Collect, compile and report information and data, as appropriate.

Support Departments or Agencies: The support departments/agencies will:

- Provide assistance to the Team Leader, as appropriate, and make resources of their respective organizations available for planning operations, as possible;
- Provide supplemental staff to support the team, as necessary; and
- Track the use of resources from their respective organizations and share that information with the Team Leader.

## ESF-6, CHIEF MASS CARE, HOUSING AND HUMAN SERVICES

### Lead Agencies

- Department of Social Services
- Department of Health
- Department of Mental Health
- United Way
- American Red Cross

### Support Agencies

- Rockland County Office of Fire and Emergency Services
- Rockland County Sheriff
- Rockland Community College
- Rockland County Jurisdictions

#### 1. Introduction

The purpose of ESF-6 is to coordinate the effort to meet the basic needs of surviving victims following a disaster, as well as to collect, assemble and report information about victims and assist with reunification of families.

#### 2. Scope

Mass Care and Sheltering support includes providing temporary shelter, basic medical care and food to victims and their families, as well as assisting families in their efforts to reunite.

Potential operations include:

- Providing food to responders and emergency workers;
- Administering basic medical care;
- Providing vouchers for clothes and certain other expenses;
- Offering counseling to surviving victims;
- Managing temporary shelters and keeping shelter records;
- Serving meals to displaced families or individuals;
- Operating a Disaster Welfare Inquiry program; and
- Collecting damage assessment information.

### 3. Situation

A significant disaster event may deny a population access to food, spoil food and ruin clothing and displace a population from their homes, creating a widespread need for shelter, food and other basic human needs.

The extent of damage to infrastructure in the affected area will influence the demand for shelters.

The extent of damage to shelters in the affected area and the availability of shelter space in the area will influence the strategy for assistance offered by service providers.

Shelter sites may consist of existing, pre-identified facilities; temporary, built-to-demand structures or tent cities.

It is most desirable to have communications capabilities between each shelter facility and emergency operations center, when possible.

Some individuals with Access and Functional Needs may require transportation assistance to enable them to reach a shelter facility.

Shelter and feeding activities will continue as long as the need persists.

Close cooperation will be maintained with the **ESF-11** (Food) team, to ensure an efficient food service system is employed that satisfies the needs of the greatest number of people.

Emergency medical assistance is intended to address only basic ailments and maladies and is supplemental to the health and medical strategy and services for which the ESF-8 (Health and Medical Services) team is responsible.

A donations plan can be helpful in organizing volunteer resources as well as donated goods.

The Public Information Team will be a critical partner to mass care and sheltering activities.

### 4. Concept of Operations

Sheltering operations will begin prior to a disaster event when information and data suggest large-scale displacement of citizens is inevitable.

An assessment of event data and the county transportation network will be obtained and the information analyzed to determine the most effective strategy for opening shelters.

Staff and management assistance will be made available to aid in the effort to establish a Family Assistance Center, when necessary, in cooperation with the appropriate local jurisdiction and private entities.

Resource needs will be determined and requests for assistance will be conveyed to the appropriate ESF team.

Shelter, food and other assistance will be available until the need for emergency relief in the affected area has dissipated sufficiently so that individuals and families can return to their homes or are able to receive assistance from traditional personal, private or government sources.

Shelter occupancy records will be maintained and shared with emergency management officials of the State and appropriate local jurisdictions.

Disaster Welfare Inquiry data and records will be summarized and shared with State Emergency Management officials.

All team members will monitor activities and deployments to ensure the core duties of their respective organizations can continue to be performed.

## 5. Organization

Lead Department or Agency: The lead department/agency will:

- Act as Team Leader as well as the team's representative in policy discussions, negotiations with other ESF teams, and other matters;
- Develop team procedures and policies, as necessary, in cooperation with team members;
- Act as the coordinating agent for all related resources; develop operational assignments and direct deployment, in cooperation with team members;
- Ensure team members receive shift relief from their respective organizations at appropriate intervals, as additional personnel are available;
- Coordinate the ESF-5 to facilitate the sharing of information and data; and
- Collect, compile and report information and data, as appropriate.

Support Departments or Agencies: The support departments/agencies will:

- Provide assistance to the Team Leader, as appropriate, and make resources of their respective organizations for care and sheltering operations, as possible;
- Provide supplemental staff to support the team, as necessary; and
- Track the use of resources from their respective organizations and share that information with the Team Leader.

## ESF-7, RESOURCE SUPPORT

### Lead Agency

- County Purchasing Department

### Supporting Agencies

#### 1. Introduction

The purpose of ESF-7 is to obtain and coordinate supplemental resources and perform logistical operations necessary to support an emergency response or recovery effort or other disaster assistance initiative.

#### 2. Scope

Resource support includes providing or obtaining goods or services and executing logistical or administrative activities for emergency response operations, as well as coordinating the use of the resources to facilitate an effective, efficient and appropriate results.

Potential operations include:

- Procuring of food, equipment or supplies;
- Leasing temporary office space or mobile office units;
- Performing printing or photographic reproduction services; and
- Initiating contracting agreements.

The Resource Support Team or its individual members may participate in debris management activities when appropriate and as necessary.

#### 3. Situation

The extent of damage to the public infrastructure of the affected area, in addition to the condition of the transportation network in the area, will influence the strategy or ability to provide support.

Supplies and equipment will be provided from existing County and local inventories whenever possible.

Supplies and items of equipment obtained from commercial providers will not be stockpiled; however, the scope of procurement operations will be consistent with the severity of the event.

Procurement will be conducted in accordance with Federal, State, County and local laws and regulations, including provisions for emergency procurement and no-bid contracting.

A donations plan exists in this plan, which can complement the effort to obtain resources under some circumstances.

#### 4. Concept of Operations

An assessment of the regional transportation network will be obtained and the information analyzed to determine the feasibility of accessing existing supply storage locations.

Resource needs and request will be obtained from County departments and agencies, other ESFs and local jurisdictions.

Requests will be prioritized and resources will be allocated and deployed in mission assignments.

Contracts with commercial vendors will be initiated to obtain supplies and equipment unavailable in existing inventories.

Missions will be tracked and resources will be reassigned if they become available for subsequent uses.

All team members will monitor activities and deployments to ensure the core duties of their respective organizations can continue to be performed.

#### 5. Organization

Lead Department or Agency: The lead department/agency will:

- Act as the Team Leader as well as the team's representative in policy discussions, negotiations with other ESF teams and other matters;
- Develop team procedures and policies, as necessary, in cooperation with team members;
- Act as the coordinating agent for all related resources; develop operations assignments, and direct deployment, in cooperation with team members;
- Ensure team members receive shift relief from their respective organization at appropriate intervals, as additional personnel are available;
- Establish liaison with ESF-5 to facilitate the sharing of information and data; and
- Collect, compile and report information and data, as appropriate.

Support Departments or Agencies: The support departments/agencies will:

- Provide assistance to the Team Leader, as appropriate, and make resources of their respective organizations available for resource support operations, as possible;
- Provide supplemental staff to support the team, as necessary, and
- Track the use of resources from their respective organizations and share that information with the Team Leader.

## ESF-8 PUBLIC HEALTH AND MEDICAL SERVICES

### Lead Agencies

- County Health Department
- County Medical Examiner

### Support Agencies

- County Office of Fire and Emergency Services
- County Director of Communications
- County Highway Department
- County Sheriff
- Green County Public Works
- County EMS Organizations
- County Fire Departments
- County Jurisdictions

#### 1. Introduction

The purpose of ESF-8 is to coordinate the provision of medical care and the dissemination of public health information necessary to support an emergency response or recovery effort or other disaster assistance initiative. Another purpose is to establish a program that ensures the care and sheltering needs of domestic pets and livestock are met following a disaster or animal health emergency.

#### 2. Scope

Health and Medical support includes coordinating health and medical professionals and their disposition of care and treatment, as well as managing medical supplies and resources, to facilitate an effective, efficient and appropriate result.

Potential operations include:

- Identifying health hazards;
- Disseminating public health information;
- Managing vector control;
- Conducting triage and providing treatment;
- Monitoring patient loads at hospitals;
- Importing medicines, medical professionals or supplies into the affected area;
- Establishing temporary morgues;
- Performing forensic examinations and completing victim identification;
- Coordinating mortuary services and the disposition of remains; and
- Offering crisis counseling and organizing disaster assistance teams.

The Health and Medical Services team or its individual members may participate in debris management activities when appropriate and as necessary.

### 3. Situation

A significant disaster event may cause injuries to a considerable number of people; produce physical or biological health hazards throughout the county and local jurisdictions, plus the affected area; and create a widespread need for medical care or public health guidance.

The extent of damage to the public infrastructure of the affected area, in addition to the condition of the transportation network in the area, will influence the strategy or ability to provide support.

The extent of damage to medical, mental health, and extended care facilities within the affected area will influence the strategy and ability to coordinate care and provide appropriate treatment.

Collateral damage to industrial sites and facilities, water systems and pipeline may generate secondary casualties, cause fires, or create a toxic or contaminated environment for communities and emergency responders.

The incapacitation of solid waste disposal facilities and water treatment systems, as well as the disruption of electrical power services, may foster long-term conditions that propagate bacteria and disease.

Appropriate information about patients will be shared with the ESF-6 team for inclusion in the Disaster Welfare Inquiry database.

General information or aggregate data regarding patients will be provided to public information officials to share with media outlets.

Medicines and supplies will be provided from existing, State-managed inventories whenever possible.

Procurement will be conducted in accordance with Federal and State laws and regulations, including provisions for emergency procurement and no-bid contracting.

The Health and Medical Services Team Leader, in conjunction with team members, may appoint a supplemental staff member as Resource Coordinator to coordinate the deployment of a specific resource.

#### 4. Concept of Operation

An assessment of the regional transportation network will be obtained and the information analyzed to determine the feasibility of accessing care facilities and transporting patients from one location to another.

A defined point of patient registration will be selected to ensure effective management and regulation of patients and care. The patient load at medical facilities will be monitored and action will be taken to moderate the influx of patients at all available treatment sites.

A continuous assessment will be conducted to determine the statewide supply of essential and appropriate medicines as well as the level of need.

Assessments will be conducted to determine the threat posed by vermin or other health hazards, and actions will be taken to eradicate such threats.

Water supplies in the affected area will be evaluated and designated safe or unsafe for the public consumption.

Request for assistance will be prioritized and resources will be allocated and deployed in mission assignments.

Public service announcements will be broadcast, offering health and safety guidance and directions.

All team members will monitor activities and deployments to ensure the core duties of their respective organizations can continue to be performed.

#### 5. Organization

Lead Department or Agency: The lead department/agency will:

- Act as the Team Leader as well as the team's representative in policy discussion, negotiations with other ESF teams and other matters;
- Develop team procedures and policies, as necessary, in cooperation with team members;
- Act as the coordinating agent for all health-related and medical resources; develop operations assignments, and direct deployment, in cooperation with team members;
- Ensure team members receive shift relief from their respective organizations at appropriate intervals, as additional personnel are available;
- Establish liaison with ESF-5 to facilitate the sharing of information and data; and
- Collect, compile and report information and data, as appropriate.

Support Departments or Agencies: The support departments/agencies will:

- Provide assistance to the Team Leader, as appropriate, and make resources of their respective organizations available for medical operations, as possible;
- Provide supplemental staff to support the team, as necessary; and
- Track the use of resources from their respective organizations and share that information with the Team Leader.

## ESF-9, RURAL SEARCH AND RESCUE

### Lead Agency

- Local Fire Chief
- Local Police Department

### Support Agencies

- County Fire Departments
- County Technical Rescue Team
- Office of Fire Prevention and Control
- County Emergency Medical Services
- County Parks
- County Sheriff Department
- State Forest Rangers
- Helicopter Emergency Lift Program
- Office of Fire and Emergency Services
- New York State Park Police
- New York State Troopers

### 1. Introduction

The purpose of ESF-9 is to coordinate search and rescue efforts and resources necessary to support an emergency response effort.

### 2. Scope

Search and Rescue support includes locating, extricating and providing immediate medical treatment to missing persons or victims trapped in collapsed structures and retrieving deceased victims from otherwise inaccessible locations.

Potential operations include:

- Conducting water and wilderness searches;
- Searching for victims of building-collapse incidents; and
- Performing underwater recovery operations.

### 3. Situation

The nature of the operations will determine the strategy employed and influence the determination of which resources and staff members are deployed.

Search and rescue responders can render emergency medical treatment.

Specialized equipment are available to assist the County or other jurisdictions in search and rescue operations through the New York State Office of Fire Prevention and Control and the New York State Office of Emergency Management

4. Concept of Operations

Information regarding the totality of the operations will be collected to enable the team to develop an appropriate response strategy.

An assessment of the regional transportation network will be conducted and information analyzed to determine the feasibility of access to the incident site or zone.

Resource needs will be identified and appropriate requests will be formulated.

A plan for modifying the response team and for demobilizing the operation will be developed.

All team leaders will monitor activities and deployments to ensure the core duties of their respective organization can continue to be performed.

5. Organization

Lead Department or Agency: The lead department/agency will:

- Act as the Team Leader as well as the team's representative in policy discussions, negotiation with other ESF teams, and other matters;
- Act as the coordinating agent for all related resources; develop operations assignments, and direct deployment, in cooperation with team members;
- Ensure team members receive shift relief from their respective organizations at appropriate intervals, as additional personnel are available;
- Establish a liaison with ESF-5 to facilitate the sharing of information and data; and
- Collect, compile and report information and data, as appropriate.

Support Departments or Agencies: The support departments/agencies will:

- Provide assistance to the Team Leader, as appropriate, and make resources of their respective organizations available for search and rescue operations, as possible;
- Provide supplemental staff to support the team, as necessary; and
- Track the use of resources from their respective organizations and share that information with the Team Leader.

## ESF-10, OIL AND HAZARDOUS MATERIALS

### Lead Agency

- Local Fire Chief

### Support Agencies

- County Sheriff Department
- Office of Fire Prevention and Control
- Department of Environmental Conservation
- State Office of Emergency Management
- County Health Department
- United States Coast Guard
- Solid Waste Authority
- Office of Fire and Emergency Services
- New York State Police
- Local Law Enforcement
- Local Office of Emergency Management
- Sewer District

### 1. Introduction

The purpose of ESF-10 is to coordinate state support to local jurisdictions in response to an actual or potential discharge and/or uncontrolled release of oil or hazard materials during or following a major disaster or incident.

### 2. Scope

ESF-10 includes the appropriate response and recovery actions to prepare for, prevent, minimize, or mitigate a threat to public health, welfare or the environment caused by actual or potential oil and hazardous materials incidents. Hazardous materials include chemical, biological and radiological substances, whether accidentally or intentionally released. These include certain chemical, biological and radiological substances considered weapons of mass destruction (WMD).

### 3. Situation

The nature of the operations will determine the strategy employed and influence the determination of which resources and staff members are deployed.

The resources of any particular department or agency will never be under the command of an individual not associated with that department or agency.

#### 4. Concept of Operations

Office of Fire and Emergency Services (OFES) will coordinate all requests for assistance and communicate with the state agencies to identify the appropriate action and state resources to be used. Once ESF-10 has been identified to meet the request, OFES will create an action using Ops Center to the specific State agencies to accomplish the task.

#### 5. Organization

Lead Department and supporting agency:

- Evaluate environmental effects of oil discharges or releases of hazardous materials and environmental pollution control techniques.
- Provide investigative support and expertise on environmental and public health issues related to oil and hazardous material incidents.
- Coordinate with special teams.
- Manage the response to hazardous material spills.
- Ensure that parties responsible for the incidents are billed for the cost of mitigation and that the contracted teams are compensated for the allowable expenses.
- Provide additional informational assistance to Public Health and other medical services as needed.
- Concerned with, and responds to, oil and hazardous materials incidents and all other incidents that could degrade land or water to the point that fish or wildlife would be adversely affected, or their habitat degraded or destroyed. Under such circumstances, the agency is capable of assessing damage to natural resources.
- Coordinate with partners and provides any necessary assistance on all matters related to health hazards in response to any incident affecting public health.
- Helps control environmental hazards through oversight of public drinking water systems, restaurants and other food-service facilities. It also monitors other hazards such as lead, toxic materials and household molds.
- Protects the health and safety of the public from environmental hazards.
- Office of Fire and Emergency Services coordinates with local jurisdictions to develop and maintain town and county emergency operations plans.
- Coordination and assignment of requests from county-level EOCs to assist local jurisdictions when additional resources are requested related to an oil or hazmat incident.
- Help provide traffic control as needed in response to a hazardous materials incident on state highways.
- Provide highway maintenance workers and incident responders trained to the operation level for small amounts of operating fuels only (not cargo) for incidents on county highways.

# **CALL IN PROCEDURE**

## **Call in Procedure for County Employees**

Immediately after the decision has been made by the Superintendent of Highways to begin snow operations, the call in of County Highway employees required shall commence. The General Foreman and Assistant General Foreman will be notified immediately by the Superintendent to start the call in of employees. During normal working hours employees will be instructed as to what to do and expected to follow directions as part of their regular duties. When snowstorms happen other than regular work hours (as established by the current labor contract in effect) employees will receive a telephone call requesting they respond to either the New City or Stony Point yard for snow operation duty. This telephone list will be updated at the beginning of September of every year. It is the responsibility of each employee to provide the General Foreman with a current telephone number for this purpose. Depending on the severity of the storm the number and type of employee (laborer, equipment operator, mechanic, office staff, etc) will be the decision of the Superintendent of Highways. This call in procedure will be in keeping with the current labor contract in effect at the time of the decision to start snow operations. Once an employee has been called to work (during non-working hours) it is expected they will report in as directed within 45 minutes of receiving the call or sooner. On occasion the Superintendent of Highways may decide in the best interest of public safety to call in employees on a stand-by basis as a pro-active measure. As in a regular call in the employee is expected to respond for duty within 45 minutes of receiving the call for stand by duty.

## **Call in Procedure for Other Municipalities**

The County of Rockland contracts out certain roads to be plowed and maintained in the winter by various municipalities. Once the decision has been made to start snow operations on County roads the Superintendent will contact the appropriate municipal official responsible and direct them to start snow operations on County roads contracted to them immediately. This policy will not prevent the option of the local municipality of starting snow operations on County roads sooner than the County of Rockland should weather conditions warrant a response.

## **Call in Procedure for Non County Highway Employees**

In the event snow operations require additional labor and or equipment, Non County Highway employees will be utilized. This group of employees (non County Highway), will be canvassed from the following pools of workers and subject approval by the County Highway Superintendent: County Employees holding a current Commercial Driver Licenses, County Employees holding a current Commercial Driver License Permit, or any Rockland County Municipal employee holding a current Commercial Driver License.

# **PLOWING PROCEDURE**

## **Sensible Salting Policy**

The County of Rockland will adhere to a pro-active approach in dealing with the effects of winter storms on our road system. The use and proper applications of road salt and liquid de-icing chemicals will have an overall benefit of limiting the amount of chemicals needed to keep our roads safe and passable. Prior to the onset of any precipitation the County of Rockland will pre-treat its road surfaces with anti-icing chemicals to prevent ice from bonding with the road surface. This practice will increase the effectiveness of road salt being applied. It will also decrease the amount of salt needed to produce a safe, passable travel lane for the travelling public. All equipment used shall be calibrated to assure the proper amount of chemicals and / or salt will be applied in the correct manner. During the duration of the storm the application of salt and liquid de-icing chemicals will be on an as needed basis. The rate and application standards utilized will be those found in the Pacific Northern States Standards for liquid de-icing applications. These standards assure the County of following environmentally sound practices in the use of liquid de-icing chemicals.

## **Snow Plowing and Removal**

Removal of accumulations of snow from the County Highway System by plowing is usually the first step in restoring function. However, if the anti-icing strategy was successfully employed, it may be the last step. As stated earlier the decision to plow and or use de-icing chemicals has been made by the Superintendent of Highways to minimize unsafe road conditions for the travelling public. The Rockland County Highway Department will employ a variety of techniques, depending on highway configuration and environmental conditions to safely and properly remove snow from the pavement. Regardless of the technique being utilized to remove snow and or ice from the pavement the following guidelines will be considered in snow operations:

- Fresh snow is easier to plow than consolidated snow.
- Try not to leave berms of snow on the traveled way for long periods of time.
- Maximize the use of right turns in routing.
- Where possible, cast snow downwind.
- Do not plow recently applied ice control chemicals off the road.
- Do not plow snow off bridges and overpasses except where no traffic passes beneath.
- Use close echelon plowing (where the plows are close enough together that traffic cannot pass) to the extent possible on one-way (divided) highways.
- Minimize backing maneuvers.
- Plow snow well beyond the high point on banked curves and other similar sections.
- Do not cast snow into traffic.
- Try to plow before peak traffic.
- When visibility is reduced to near zero by falling or blowing snow, get the plow vehicle completely off the road in a safe location. Resume operations when visibility improves to a reasonably safe distance.

## **Benching and Shelving**

The Rockland County Highway Department utilizes wing plows on various routes as a means to efficiently and effectively remove snow off pavements. With heavy snow accumulations the use of wing plows will be employed to bench and or shelve the snow to provide additional snow storage, improve sight distance or widen existing plowed paths. In benching and or shelving the wing plow will be near horizontal and several feet off the ground as determined by the amount of snow to be moved.

## **Snow Removal**

On occasion the Rockland County Superintendent of Highways may require the removal of snow from the pavement by means other than normal plowing. Heavy pieces of equipment and trucks may be required in such operations necessitating road closures, detours or lane restrictions for safe snow removal. Large snow blowers may also be employed which can cast snow well away from the work zone. Consider loading or casting snow with the prevailing wind direction to minimize drifting snow. Always use caution when loading or casting snow to avoid involvement with non-snow objects.

## **Safety Restoration and Clean-Up Operations**

After a snowstorm has ceased and all snow plowing operations has restored one travel lane in each direction the Rockland County Highway Superintendent will make the decision to commence restoration and clean-up operations on all County roads. The following list will be used as a guide to establish a priority order of clean-up operations:

- All county roads will be plowed (pushed back) from curb to curb (if no curbing than edge of pavement to edge of pavement) to completely remove all snow from the pavement.
- All intersections will be completely free of all snow windrows.
- Benching and or shelving of plowed snow to provide adequate sight distance as well as storage space for additional snow.
- Final application of salt and /or liquid de-icing chemicals at the direction of the County Highway Superintendent.
- Return of equipment to assigned Rockland County Highway Department yard.
- Washing and clean up of equipment to remove salt and chemicals.
- Refuel vehicle, check all fluids (refill if needed), note any mechanical problems needing repair, park vehicle in designated location.

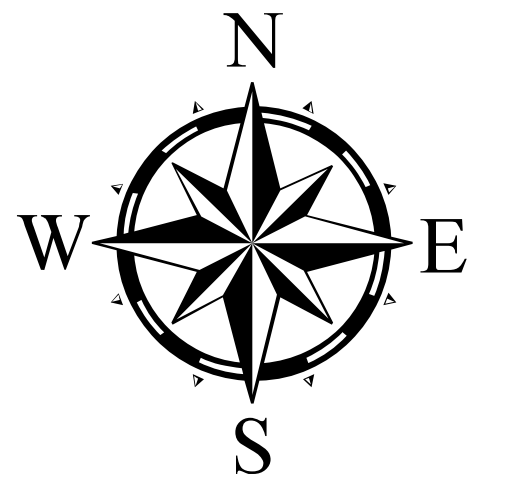
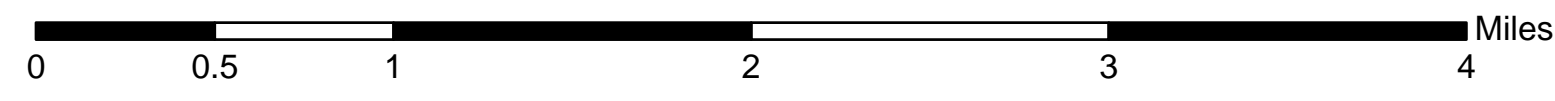
# ROCKLAND COUNTY HIGHWAY DEPARTMENT

## PLOWING AND SALTING ROUTES

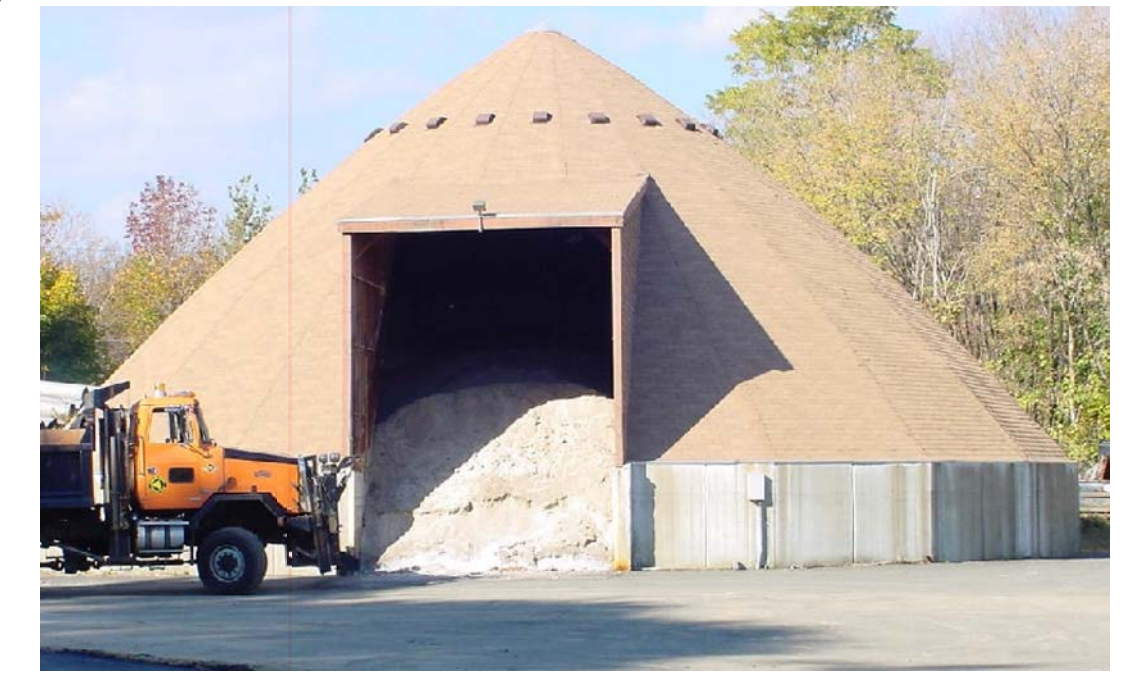
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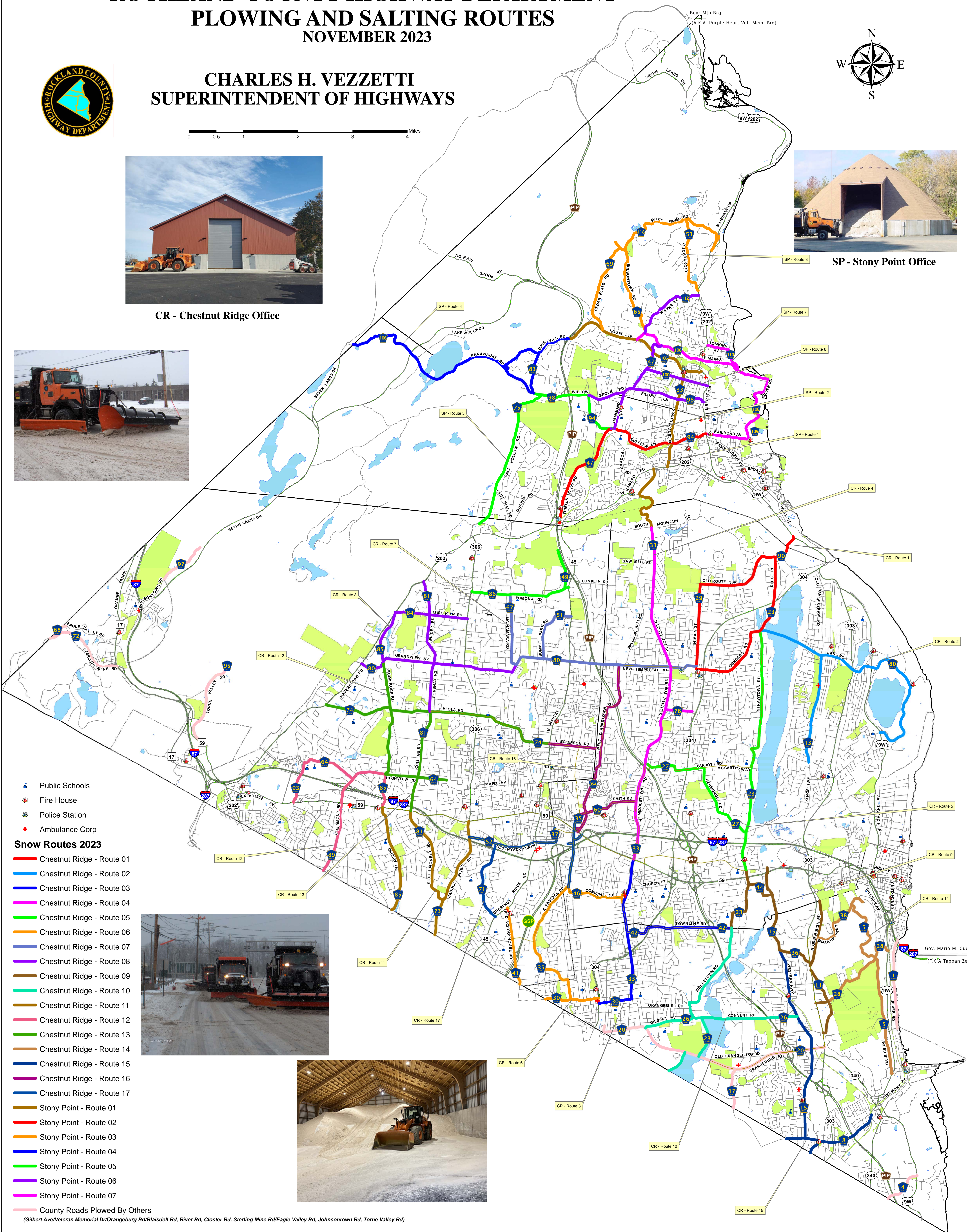
**CHARLES H. VEZZETTI**  
SUPERINTENDENT OF HIGHWAYS



**CR - Chestnut Ridge Office**



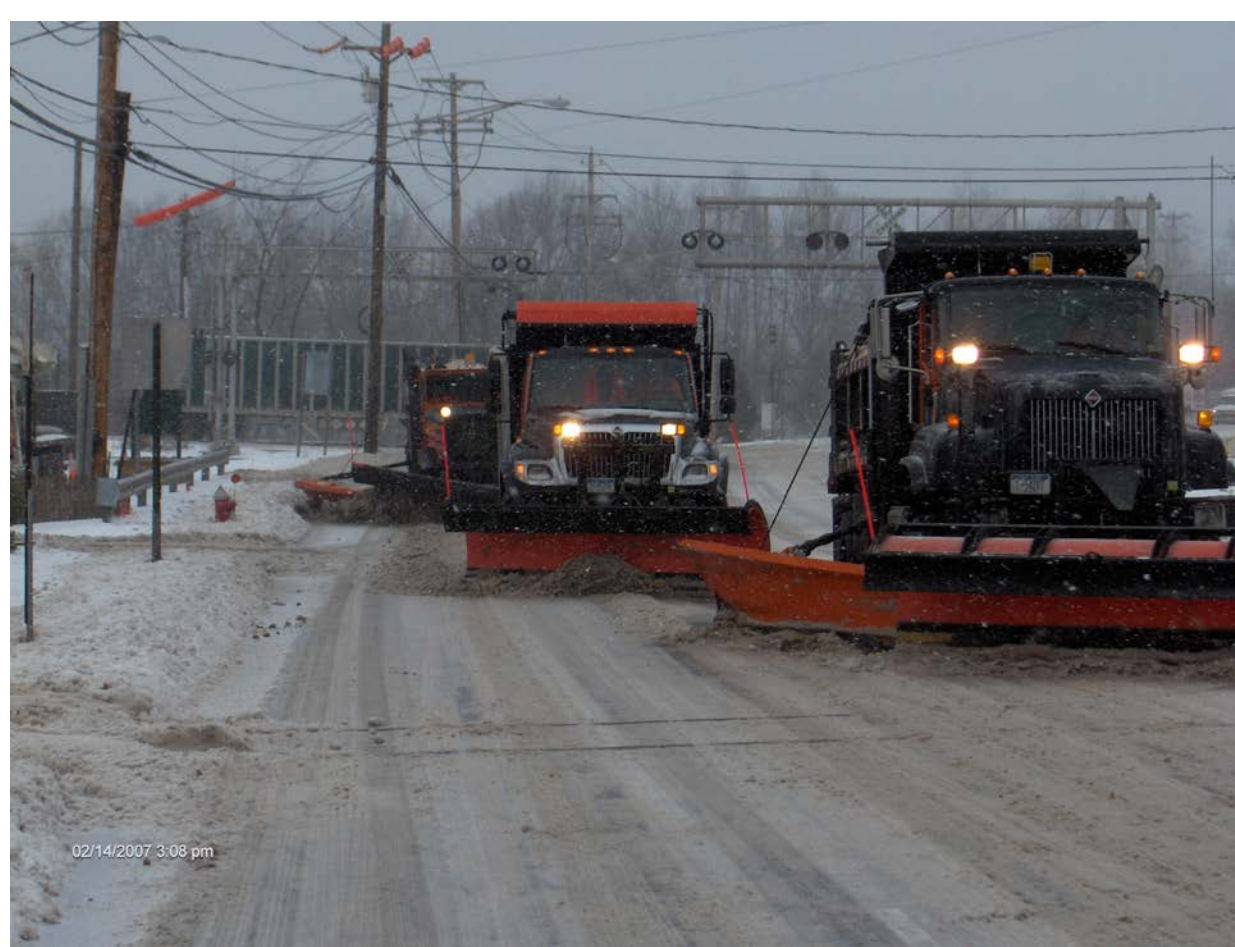
**SP - Stony Point Office**



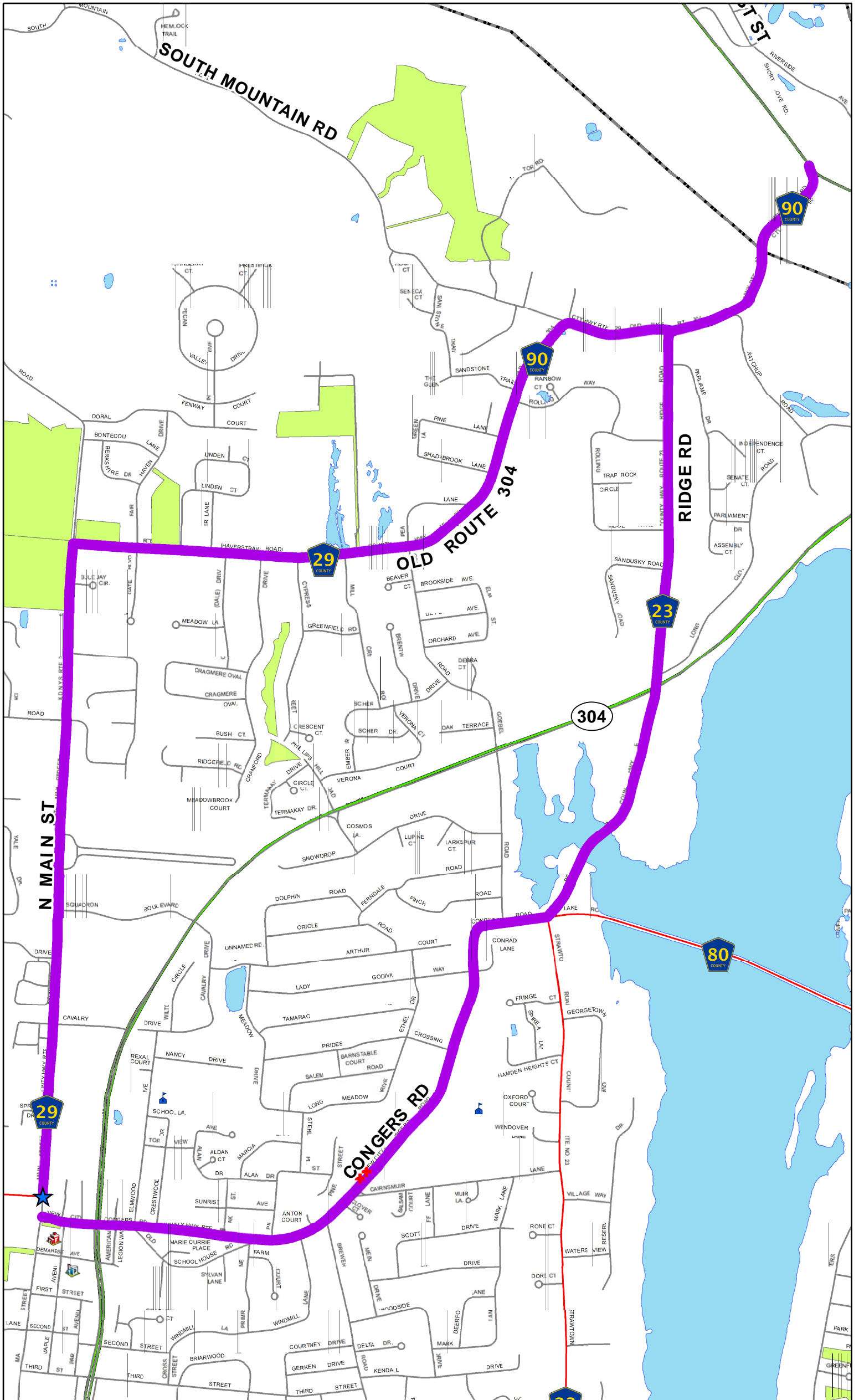
- Public Schools
- Fire House
- Police Station
- Ambulance Corp

**Snow Routes 2023**

- Chestnut Ridge - Route 01
- Chestnut Ridge - Route 02
- Chestnut Ridge - Route 03
- Chestnut Ridge - Route 04
- Chestnut Ridge - Route 05
- Chestnut Ridge - Route 06
- Chestnut Ridge - Route 07
- Chestnut Ridge - Route 08
- Chestnut Ridge - Route 09
- Chestnut Ridge - Route 10
- Chestnut Ridge - Route 11
- Chestnut Ridge - Route 12
- Chestnut Ridge - Route 13
- Chestnut Ridge - Route 14
- Chestnut Ridge - Route 15
- Chestnut Ridge - Route 16
- Chestnut Ridge - Route 17
- Stony Point - Route 01
- Stony Point - Route 02
- Stony Point - Route 03
- Stony Point - Route 04
- Stony Point - Route 05
- Stony Point - Route 06
- Stony Point - Route 07
- County Roads Plowed By Others



*(Gilbert Ave/Veteran Memorial Dr/Orangeburg Rd/Blaisdell Rd, River Rd, Closter Rd, Sterlig Mine Rd/Eagle Valley Rd, Johnstontown Rd, Torne Valley Rd)*



**Plowing and Salting Routes 1 (Chestnut Ridge)**  
 Rockland County Highway Department

Prepared By: RCHD - Engineering/GIS Division  
 March 2023

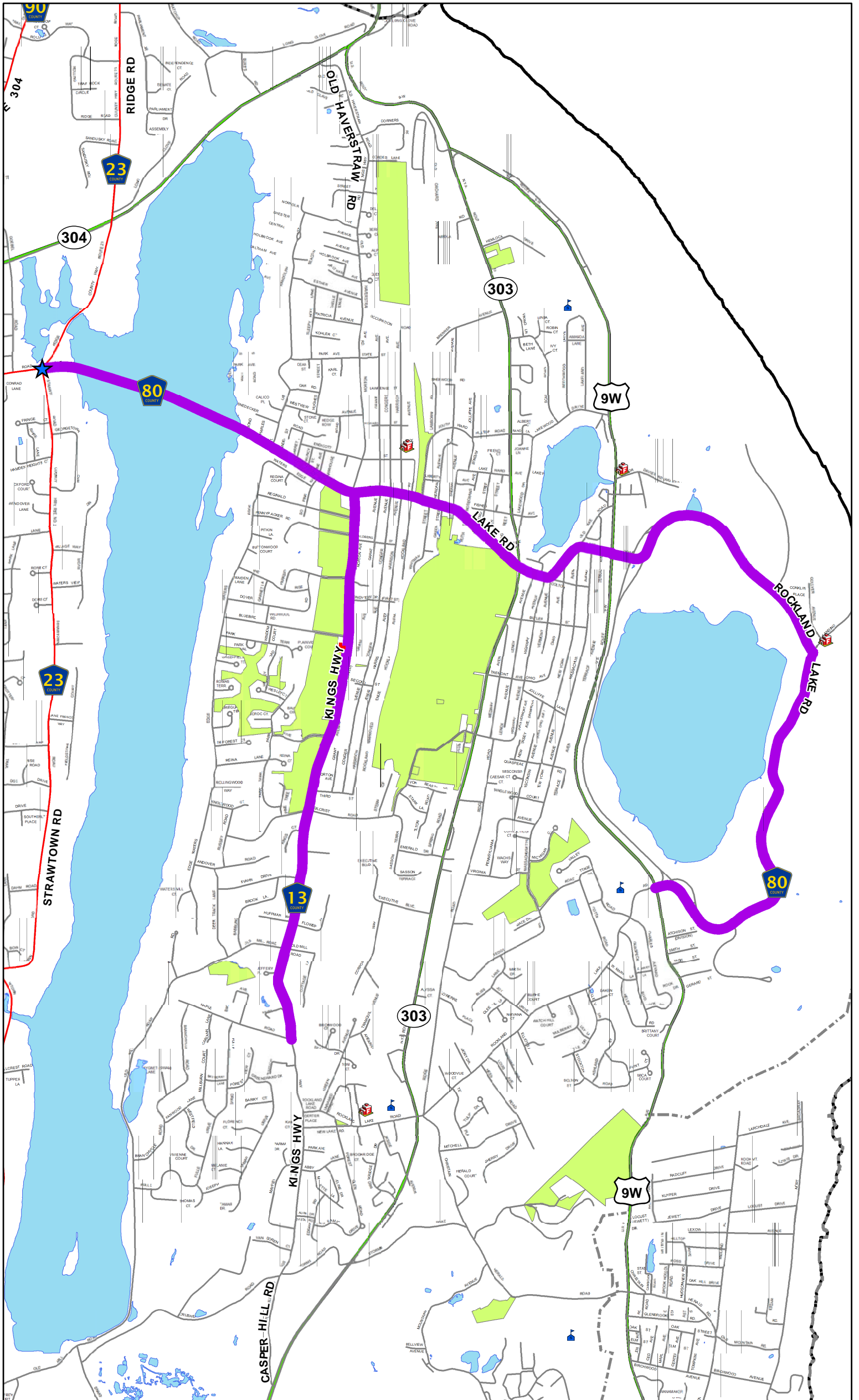
# Chestnut Ridge

## Route #1

- Proceed along the following County roads to get to the start of the route: From Old Nyack Turnpike (County Route 52) turn North towards South Pascack Road (County Route 35), then make a right after going through the Lawrence Street Tunnel to the intersection of Smith Road (County Route 60). Make a left on New Clarkstown Road (County Route 35A). Continue the route North along West Clarkstown Road (County Route 35A) to intersection of New Hempstead Road (County Route 80). Turn right on New Hempstead Road and continue to the intersection with North Main Street (County Route 29).

**Below is the start of the route.**

- Head north on North Main Street (County Route 29) towards the intersection of Old Route 304 (County Route 29).
- Turn right onto Old Route 304 (County Route 29) heading east towards the intersection of Ridge Road (County Route 23). Note Old Route 304 changes route number from 29 to 90 at South Mountain Road.
- Continue past Ridge Road (County Route 23) heading easterly to the intersection of NYS Route 9W.
- Turn around and head back west and south along both Old Route 304 (County Route 90) and North Main Street (County Route 29) to the intersection of New City – Congers Road (County Route 80).
- Turn left onto New City – Congers Road (County Route 80) head east towards the intersection of NYS Route 304.
- Continue east on New City – Congers Road (County Route 80) towards the intersection of Ridge Road (County Route 23).
- Turn left onto Ridge Road (County Route 23) and head north to the intersection of NYS Route 304.
- Continue through the intersection and head north on Ridge Road (County Route 23) to the intersection of Old Route 304 (County Route 90).
- Turn around and head back south along Ridge Road (County Route 23) to the intersection of Ridge Road (County Route 23) and New City-Congers Road (County Route 80).
- Turn right onto New City – Congers Road (County Route 80) and head west back to the intersection of North Main Street (County Route 29).
- This completes the route.



**Plowing and Salting Routes 2 (Chestnut Ridge)**

Rockland County Highway Department

Prepared By: RCHD - Engineering/GIS Division

March 2023

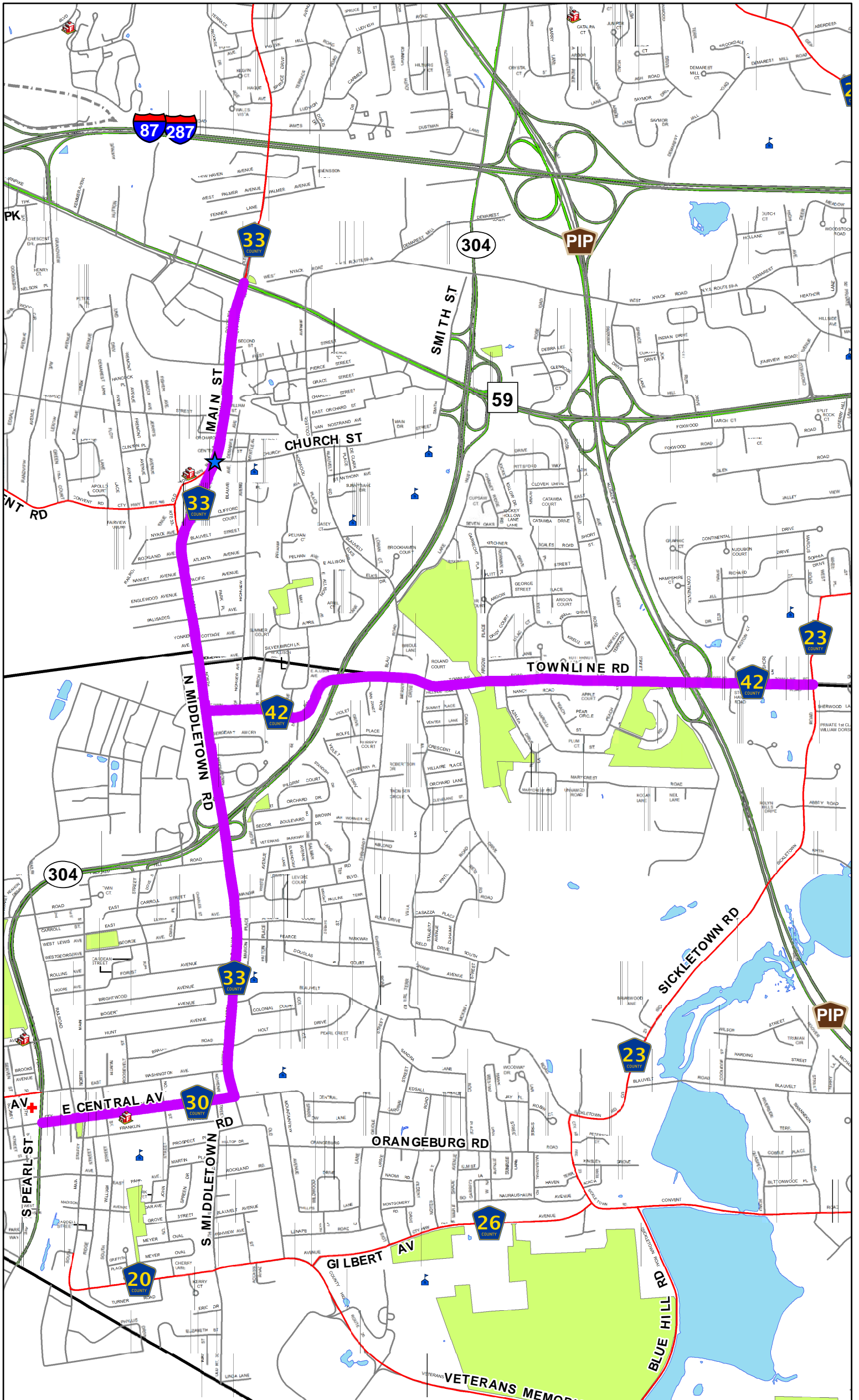
# Chestnut Ridge

## Route #2

- Proceed along the following County roads to get to the start of the route: From Old Nyack Turnpike (County Route 52) turn North towards South Pascack Road (County Route 35), then make a right after going through the Lawrence Street Tunnel to the intersection of Smith Road (County Route 60). Continue east on Smith Road (County Route 60) to the intersection of South Little Tor Road (County Route 33). Make a left on South Little Tor Road (County Route 33) and continue North to the intersection of Germonds Road (County Route 27). Follow east along Germonds Road (County Route 27) through NYS Route 304 to the Strawtown Road (County Route 23) intersection. Make a left, going North, through the Strawtown Road (County Route 23) intersection with the New City-Congers Road (County Route 80).

### **Below is the start of the route.**

- Start at the intersection of New City-Congers Road (County Route 80) and Strawtown Road (County Route 23) head east to the intersection of Kings Hwy (County Route 13).
- Turn right on Kings Hwy (County Route 13) and head south to Maple Ave.
- Turn around at Kings Hwy (County Route 13) / Maple Avenue and head back north on Kings Hwy (County Route 13) to Lake Road (County Route 80).
- Turn right onto Lake Road (County Route 80) and head east to NYS Route 9W.
- Continue through the intersection on Lake Road (County Route 80) as it goes around Rockland Lake to the intersection of NYS Route 9W at the south end of Rockland Lake.
- Turn around at NYS Route 9W and go back north and west along Lake Road (County Route 80) to New City-Congers Road (County Route 80) / Kings Highway (County Route 13) intersection.
- Continue west through the intersection on New City-Congers Road (County Route 80) to the intersection of Strawtown Road (County Route 23).
- This completes the route.



**Plowing and Salting Routes 3 (Chestnut Ridge)**

Rockland County Highway Department

Prepared By: RCHD - Engineering/GIS Division

March 2023

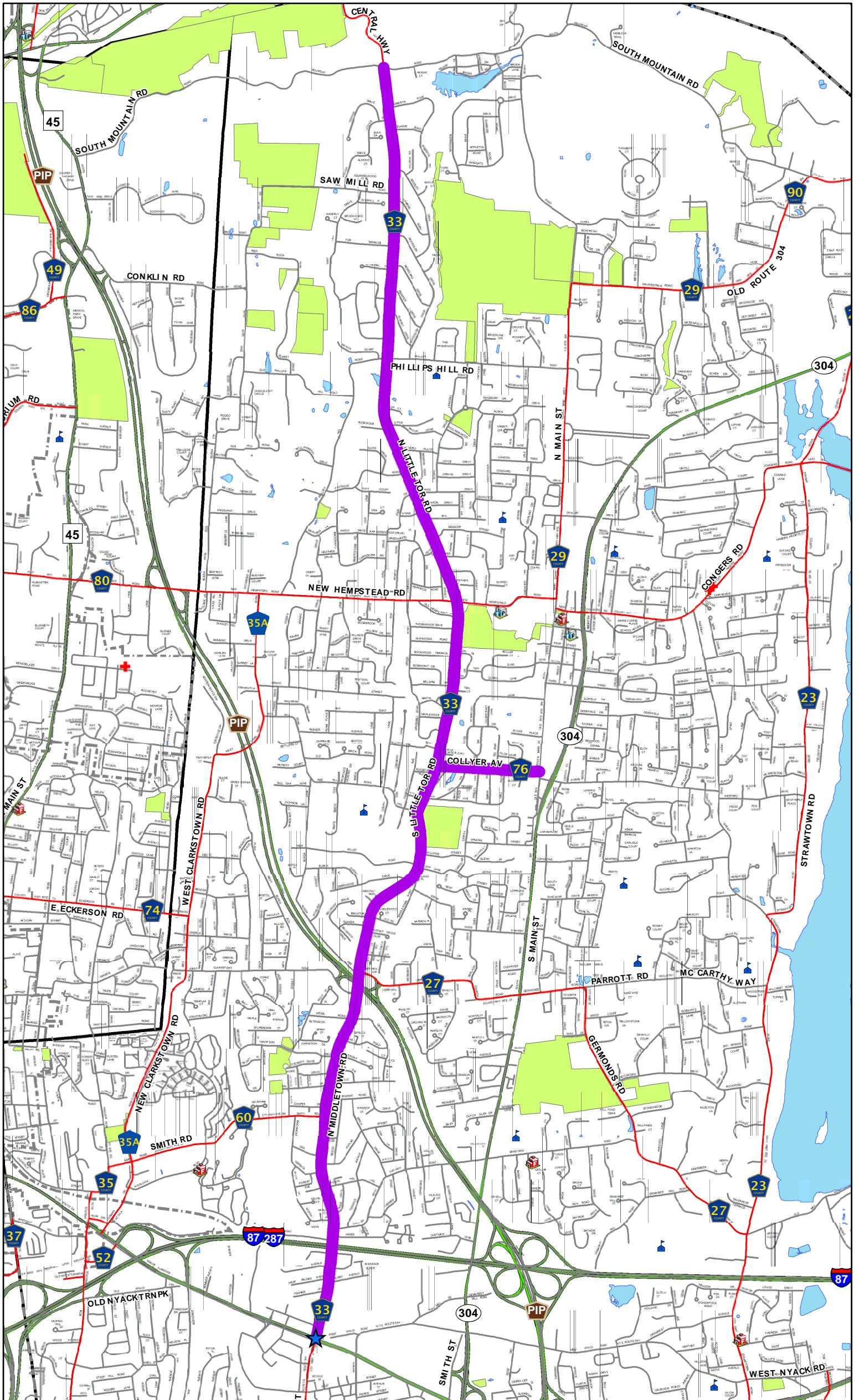
# Chestnut Ridge

## Route #3

- Proceed along the following County roads to get to the start of the route: From Old Nyack Turnpike (County Route 52) turn South towards South Pascack Road (County Route 35), then continue South towards Convent Road (County Route 46) until reaching the Old Middletown Road (County Route 33A) intersection. Make a left, North, along Old Middletown Road (County Route 33A) until arriving at Main Street (County Route 33)

### **Below is the start of the route.**

- Continue North along Main Street (County Route 33) to the intersection with NYS Route 59.
- Turn around at NYS Route 59 and go back down South Main Street (County Route 33) through Nanuet to East Central Avenue (County Route 30) in Pearl River.
- Turn right onto East Central Avenue (County Route 30) heading west to NYS Route 304. Go to intersection of NYS Route 304 and East Central Avenue (County Route 30).
- Turn around and head back east on East Central Avenue (County Route 30).
- Turn Left onto South Middletown Road (County Route 33) heading north to Townline Road (County route 42)
- Turn right onto Townline Road (County Route 42) heading east to intersection of Sickletown Road (County Route 23).
- Turn around at this intersection and head back west along Townline Road (County Route 42) towards South Middletown Road (County Route 33).
- Turn Right onto South Middletown Road (County Route 33) and head north to the intersection of NYS Route 59.
- This completes the route.



**Plowing and Salting Routes 4 (Chestnut Ridge)**  
 Rockland County Highway Department

Prepared By: RCHD - Engineering/GIS Division  
 March 2023

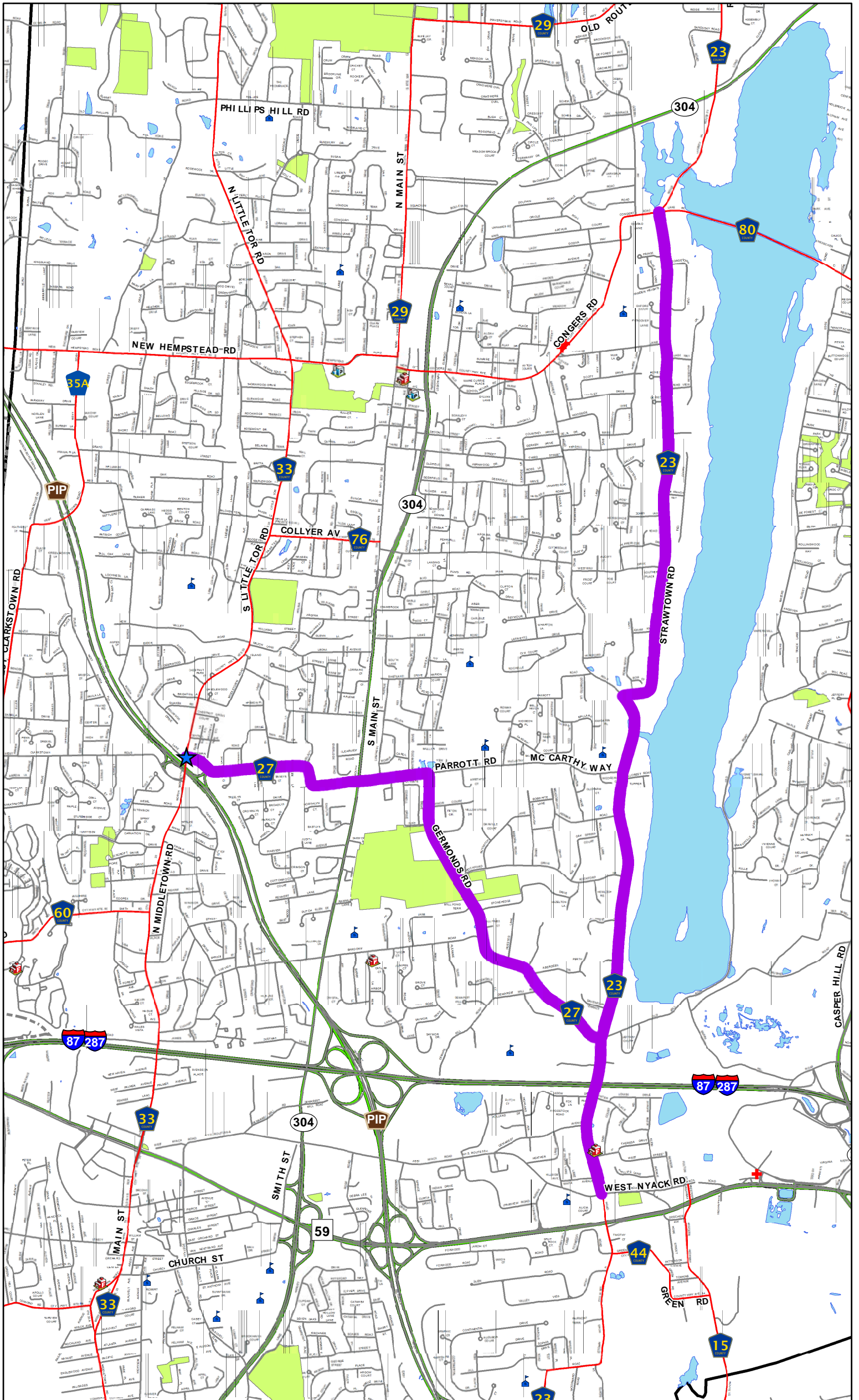
# Chestnut Ridge

## Route #4

- Proceed along the following County roads to get to the start of the route: From Old Nyack Turnpike (County Route 52) turn North towards South Pascack Road (County Route 35) until reaching Forman Drive (County Route 52). From Forman Drive (County Route 52) make a right turn down NYS Route 59. Take the NYS Route 59 East until arriving at the North Middletown Road (County Route 33). Turn left onto North Middletown Road (County Route 33)

**Below is the start of the route.**

- Head north along North Middletown Road (County Route 33) to Collyer Avenue (County Route 76).
- Turn right onto Collyer Avenue (County Route 76) head east to South Main St.
- Turn around at the South Main Street / Collyer Avenue County Route 76) intersection and head back west to Little Tor Road (County Route 33).
- Turn Right onto Little Tor Road (County Route 33) and continue north towards New Hempstead Road (County Route 80).
- Continue through the intersection onto Little Tor Road (County Route 33) to the intersection of Little Tor Road (County Route 33) and South Mountain Road.
- Turn around at the intersection of Little Tor Road (County Route 33) and South Mountain Road and head south back to the intersection of North Middletown Road (County Route 33) and NYS Route 59
- This completes the route.



**Plowing and Salting Routes 5 (Chestnut Ridge)**

Rockland County Highway Department

Prepared By: RCHD - Engineering/GIS Division

March 2023

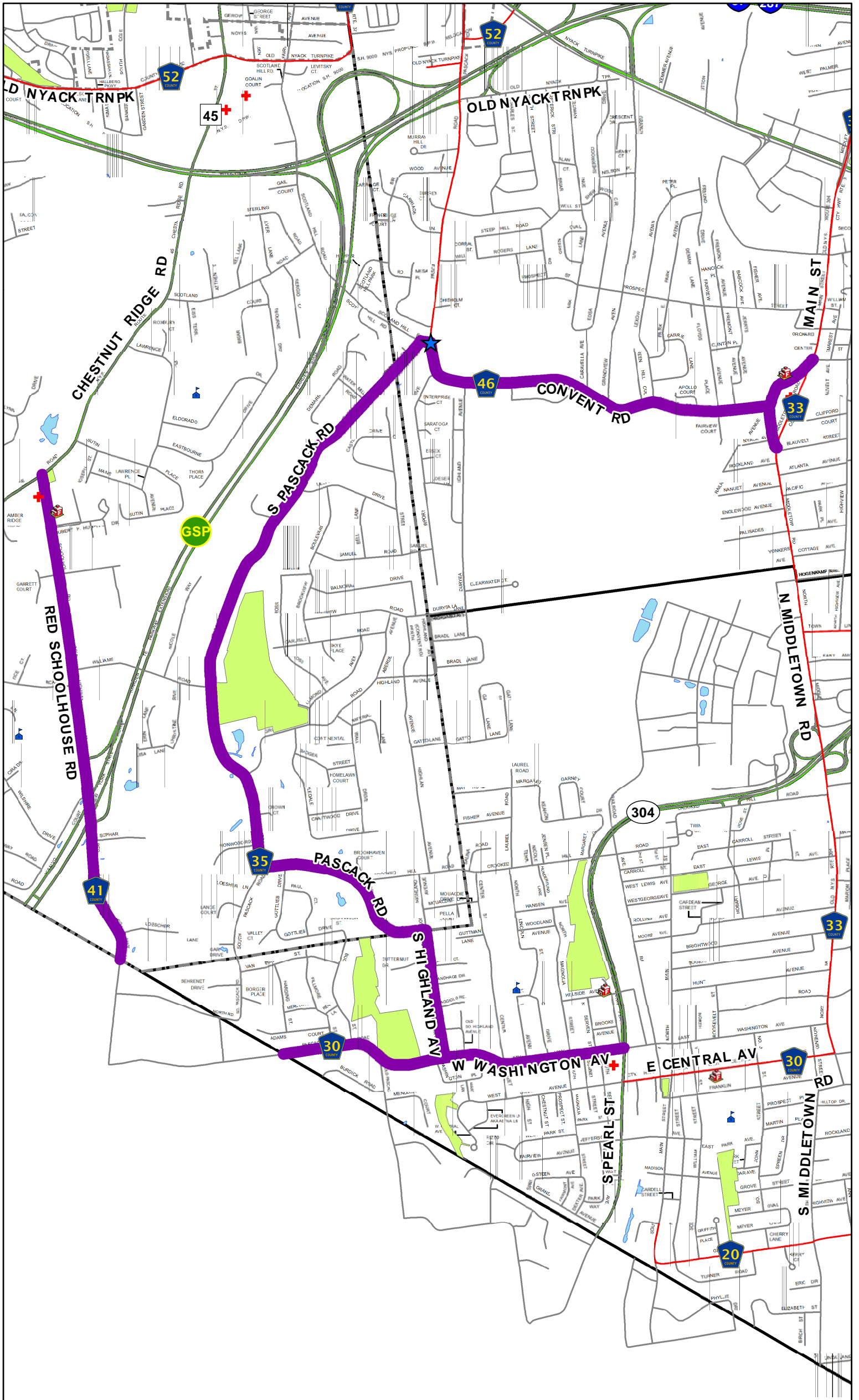
# Chestnut Ridge

## Route #5

- Proceed along the following County roads to get to the start of the route: From Old Nyack Turnpike (County Route 52) turn South towards South Pascack Road (County Route 35), then turn left onto Old Nyack Turnpike towards Old Turnpike Way. From Old Turnpike Way, make a right turn down NYS Route 59. Take the NYS Route 59 East until arriving at the North Middletown Road (County Route 33). Turn left onto North Middletown Road (County Route 33). Head North along North Middletown Road (County Route 33) towards the intersection of Germonds Road (County Route 27). Make a right onto Germonds Road (County Route 27).

### **Below is the start of the route.**

- Head east on Germonds Road (County Route 27) through the intersection of NYS Route 304 to Parrot Rd make a right to stay on Germonds Road (County Route 27).
- Continue to Strawtown Road (County Route 23) turn right onto Strawtown Road (County Route 23) go south to the intersection of West Nyack Road.
- Turn around at this intersection and head north along Strawtown Road (County Route 23) to the intersection with Brewery Road.
- Continue north along Strawtown Road (County Route 23) to the intersection with New City – Congers Road (County Route 80).
- Turn around and head back south along Strawtown Road (County Route 23) towards the intersection of Germonds Road (County Route 27).
- Turn right onto Germonds Road (County Route 27) head north and west back towards the intersection of Germonds Road (County Route 27) and NYS Route 304 and continue through NYS Route 304 to the intersection of N. Middletown Road (County Route 33).
- This completes the route.



**Plowing and Salting Routes 6 (Chestnut Ridge)**  
 Rockland County Highway Department

Prepared By: RCHD - Engineering/GIS Division  
 March 2023

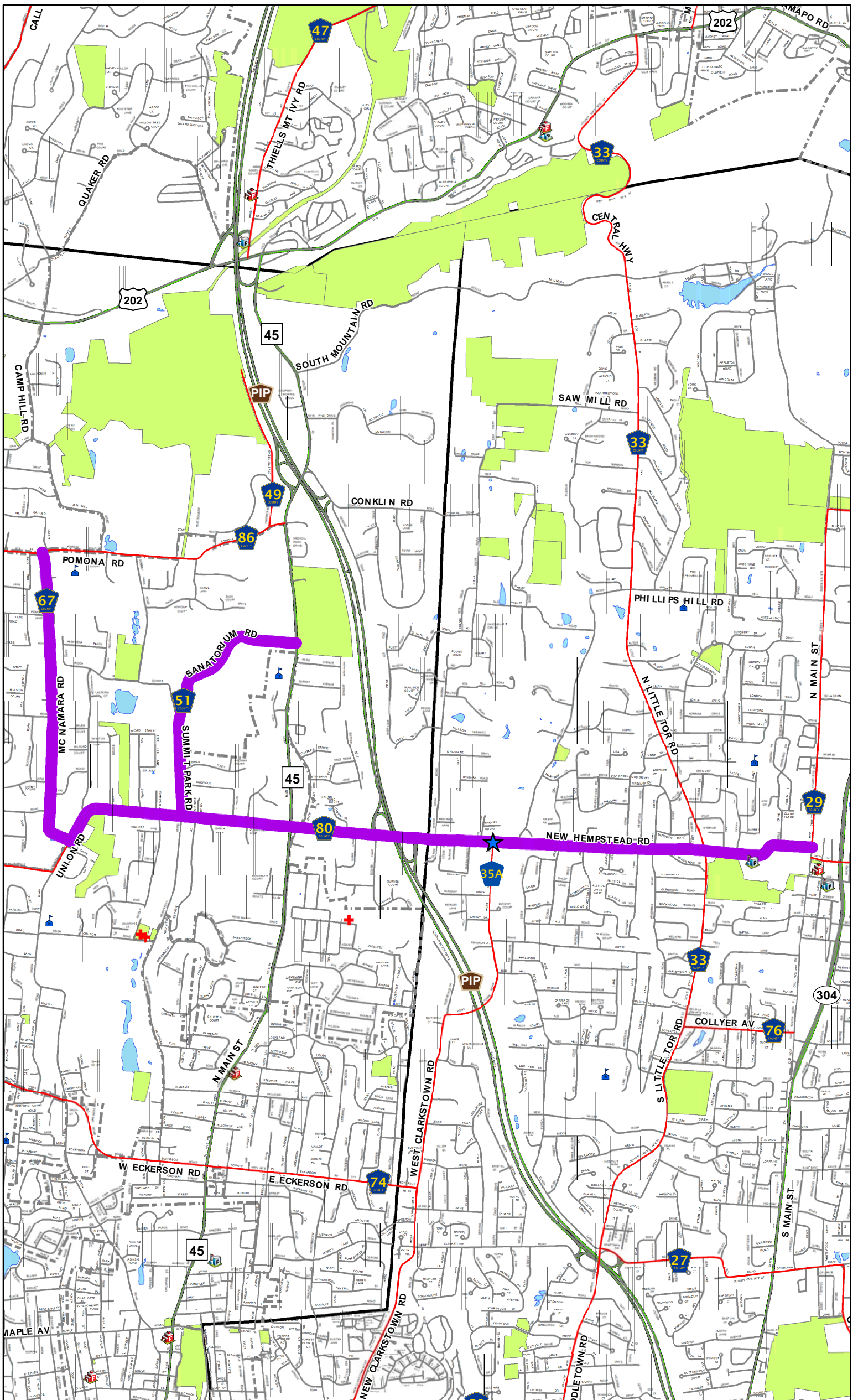
# Chestnut Ridge

## Route #6

- Proceed along the following County roads to get to the start of the route: From Old Nyack Turnpike (County Route 52) turn South towards South Pascack Road (County Route 35), then continue South towards the Convent Road (County Route 46) intersection.

### **Below is the start of the route.**

- Turn left onto Convent Road (County Route 46) towards the Old Middletown Road (County Route 33A) intersection and then turn left onto Old Middletown Road (County Route 33A). Do the entire section of Old Middletown Road (County Route 33A) first. Then proceed to the intersection of Old Middletown Road (County Route 33A) and Convent Road (County Route 46).
- Head west onto Convent Road (County Route 46) towards Scotland Hill Road / South Pascack Road (County Route 35) intersection.
- Turn left onto South Pascack Road (County Route 35) heading south towards South Highland Avenue (County Route 35).
- Turn right heading south onto South Highland Avenue (County Route 35). Continue south on South Highland Avenue (County Route 35) to the intersection of Washington Avenue (County Route 30).
- Turn left onto Washington Avenue (County Route 30) heading east to the intersection of NYS Route 304.
- Turn around and head west along Washington Avenue (County Route 30) towards the NY/NJ State Border.
- **Stop plowing and continue heading west on Summit Ave. in Montvale, NJ. Turn right onto Spring Valley Road also in Montvale, NJ and head north towards NY/NJ State Border.**
- Continue from NY/NJ State Border heading north on Red Schoolhouse Road (County Route 41) to the intersection of Chestnut Ridge Road/NYS Route 45.
- Turn around at Chestnut Ridge Road/NYS Route 45 and head back south along Red Schoolhouse Road (County Route 41) to the NY/NJ State Border.
- **Stop plowing and continue heading south on Spring Valley Road in Montvale, NJ. Turn left onto Summit Ave. also in Montvale, NJ and head east towards NY/NJ State Border.**
- Continue from the intersection of NY/NJ State Border heading east on Old Pascack Road/W. Washington Ave. (County Route 30) to the intersection of South Highland Ave (County Route 35).
- Turn left and head north on South Highland Ave/Pascack Rd/South Pascack Rd (County Route 35) to Convent Rd (County Route 46) and Scotland Hill Rd intersection.
- This completes the route.



**Plowing and Salting Routes 7 (Chestnut Ridge)**

Rockland County Highway Department

Prepared By: RCHD - Engineering/GIS Division

March 2023

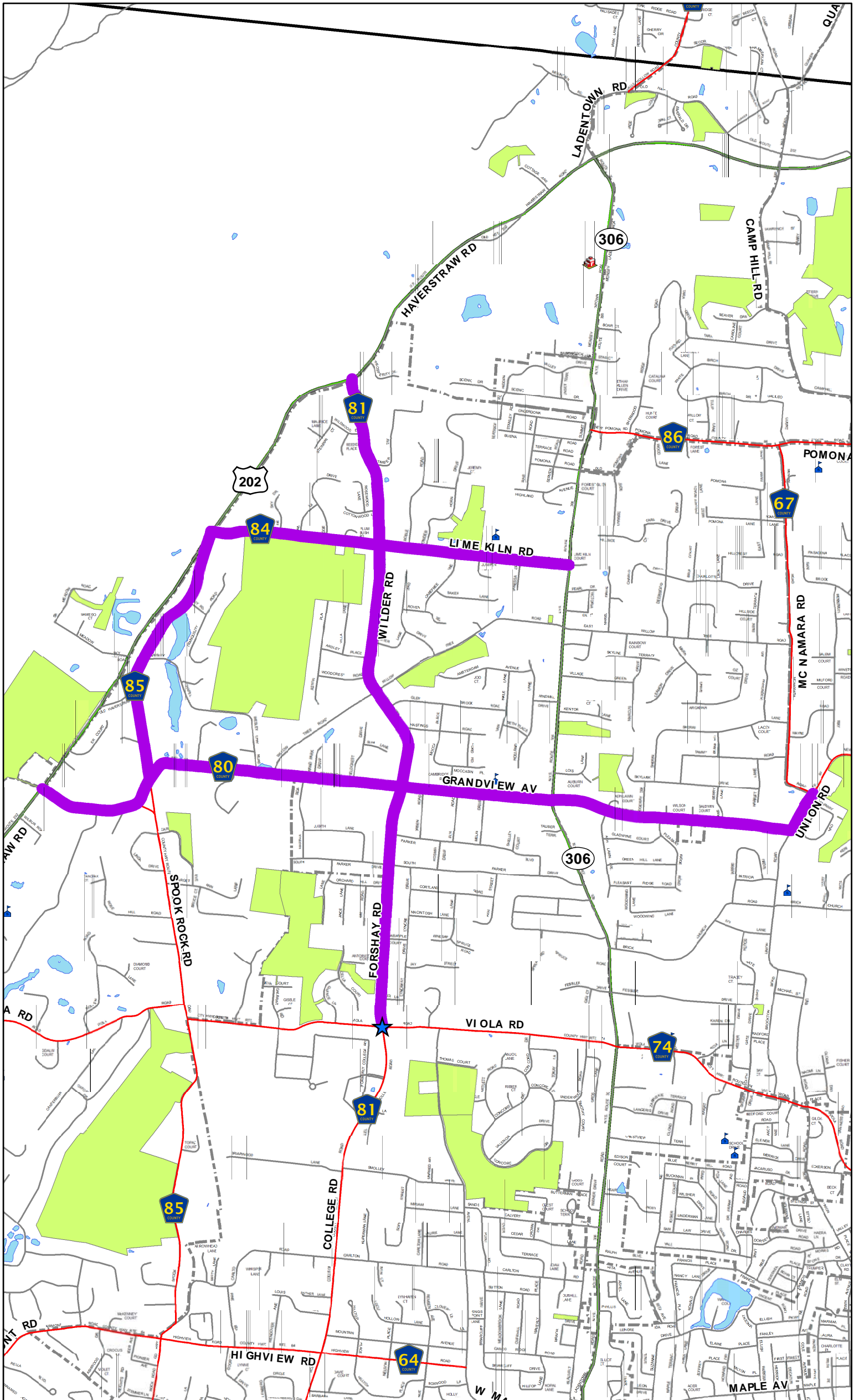
# Chestnut Ridge

## Route #7

- Proceed along the following County roads to get to the start of the route: From Old Nyack Turnpike (County Route 52) turn North towards South Pascack Road (County Route 35), then make a right after going through the Lawrence Street Tunnel to the intersection of Smith Road (County Route 60). Make a left on New Clarkstown Road (County Route 35A). Continue the route North along West Clarkstown Road (County Route 35A) to intersection of New Hempstead Road (County Route 80).

### **Below is the start of the route.**

- Turn left onto New Hempstead Road (County Route 80) proceed west to the intersection with Summit Park Road (County Route 51).
- Turn right onto Summit Park Road (County Route 51) head north to Sanatorium Road (County Route 51).
- Continue north on Sanatorium Road (County Route 51) towards the intersection NYS Route 45.
- Turn around and head south back along Summit Park / Sanatorium Road (County Route 51) to intersection of New Hempstead Road (County Route 80).
- Turn right onto New Hempstead Road (County Route 80) and head west to the intersection of McNamara Road (County Route 67).
- Turn right onto McNamara Road (County Route 67) and head north to the intersection of Pomona Road (County Route 86).
- Turn around and head back south along McNamara Road (County Route 67) to the intersection of New Hempstead Road (County Route 80).
- Turn left onto New Hempstead Road (County Route 80) head east towards the intersection of North Main Street (County Route 29).
- This completes the route.



**Plowing and Salting Routes 8 (Chestnut Ridge)**

Rockland County Highway Department

Prepared By: RCHD - Engineering/GIS Division

March 2023

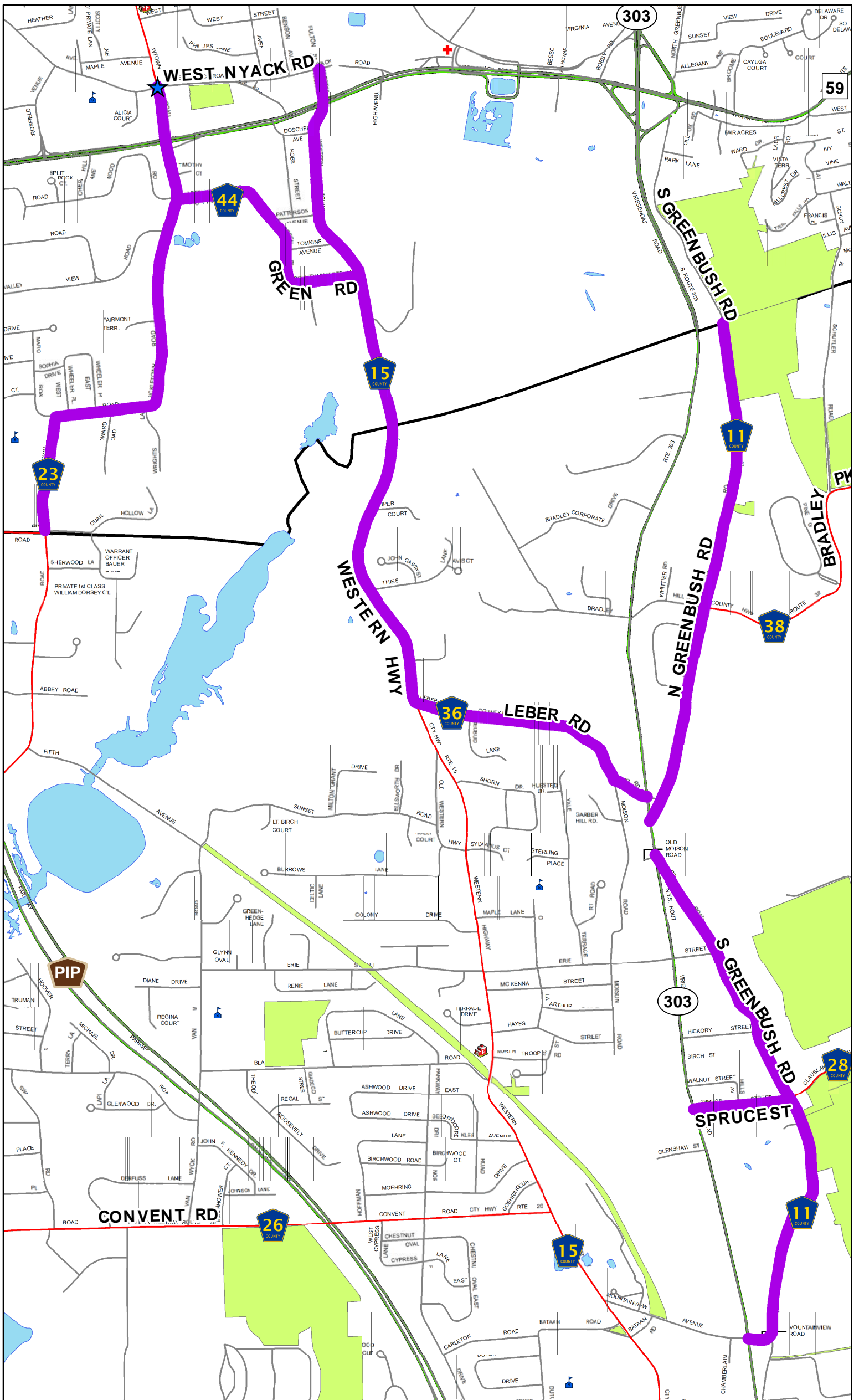
# Chestnut Ridge

## Route #8

- Proceed along the following County roads to get to the start of the route: From Old Nyack Turnpike (County Route 52) turn North towards South Pascack Road (County Route 35) and continue straight through the Lawrence Street Tunnel North onto North Pascack Road (County Route 35). Continue North on North Pascack road/Northbrook Road to the East Eckerson Road (County Route 74) intersection. Make a left on East Eckerson Road (County Route 74) and continue west until reaching the Forshay Road (County Route 81) Intersection.

**Below is the start of the route.**

- Turn right onto Forshay Road (County Route 81) and head north to the intersection of Forshay Road (County Route 81) and Grandview Avenue (County Route 80).
- Turn right onto Grandview Avenue (County Route 80) and head east towards New Hempstead Road (County Route 80)
- Turn left onto New Hempstead Road (County Route 80) and head north towards the McNamara Road (County Route 67) intersection.
- Turn around and travel south on McNamara Road (County Route 67) towards the Grandview Avenue (County Route 80) intersection.
- Turn right onto Grandview Avenue (County Route 80) and travel west towards the Wilder Road (County Route 81) intersection.
- Turn right onto Wilder Road (County Route 81) to the Lime Kiln Road (County Route 84) intersection.
- Turn right onto Lime Kiln Road (County Route 84) and travel east towards NYS Route 306.
- Turn around and head west along Lime Kiln Road (County Route 84) towards the Wilder Road (County Route 81) intersection.
- Turn right onto Wilder Road (County Route 81) and head north towards NYS Route 202.
- Turn around and travel south towards the Lime Kiln Road (County Route 84) intersection.
- Turn right onto Lime Kiln Road (County Route 84) and travel west towards the NYS Route 202 intersection.
- Turn left onto Spook Rock Road (County Route 85) and travel south towards the Grandview Avenue (County Route 80) intersection.
- Turn right onto Grandview Avenue (County Route 80) and travel west towards the NYS Route 202 intersection.
- Turn around and travel east on Grandview Avenue (County Route 80) towards the Forshay Road (County Route 81) intersection.
- Turn around and travel west towards the Spook Rock Road (County Route 85).
- Turn right onto Spook Rock Road (County Route 85) towards the Lime Kiln Road (County Route 84) intersection.
- Turn right onto Lime Kiln Road (County Route 84) towards the Wilder Road (County Route 81) intersection.
- Turn right onto Wilder Road (County Route 81) and travel south towards Viola Road (County Route 74).
- This completes the route.



**Plowing and Salting Routes 9 (Chestnut Ridge)**  
 Rockland County Highway Department

Prepared By: RCHD - Engineering/GIS Division  
 March 2023

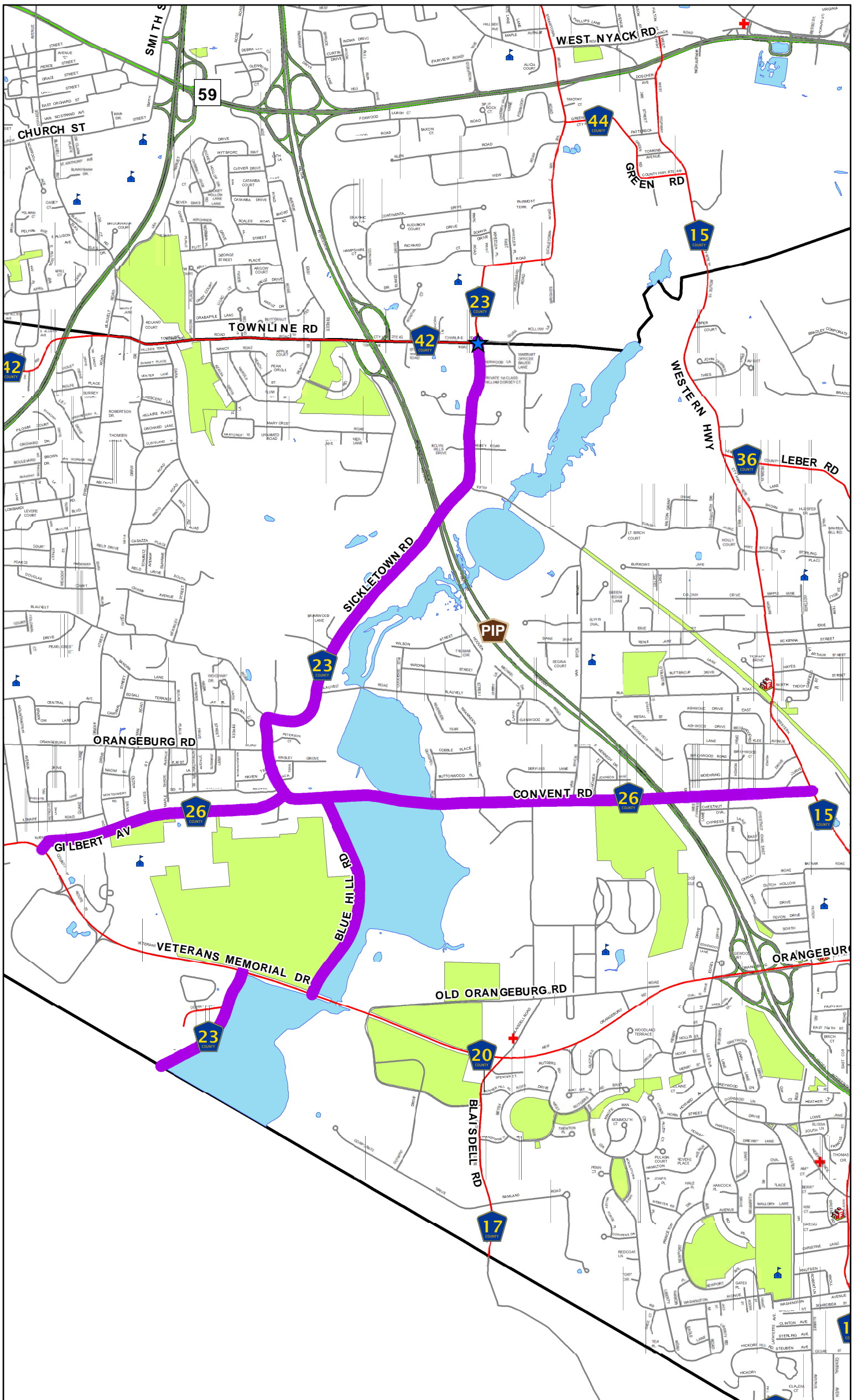
# Chestnut Ridge

## Route #9

- Proceed along the following County roads to get to the start of the route: From Old Nyack Turnpike (County Route 52) turn North towards South Pascack Road (County Route 35) until reaching Forman Drive (County Route 52). From Forman Drive (County Route 52) make a right turn down NYS Route 59. Take the NYS Route 59 East until arriving at College Avenue. Turn left onto College Avenue and follow West Nyack Road until reaching the Sickletown Road (County Route 23) intersection.

### **Below is the start of the route.**

- Turn right onto Sickletown Road (County Route 23) and head south towards the Townline Road (County Route 42) intersection.
- Turn around head north towards the Green Road (County Route 44) intersection.
- Turn right onto Green Road (County Route 44) and head east towards the Western Highway (County Route 15) intersection.
- Turn left and head north to the intersection of Old Route 59, turn around and head south along Western Highway (County Route 15) to the intersection of Leber Road (County Route 36).
- Turn left onto Leber Road head east to the intersection of NYS Route 303. Turn right onto NYS Route 303 and proceed south to the intersection of Mountain View Avenue/Greenbush Road (County Route 11).
- Turn around from the Mountain View Avenue (County Route 11) and turn left onto Greenbush Road (County Route 11) head north to the intersection of Spruce Street (County Route 28).
- Turn left onto Spruce Street (County Route 28) and head west to the intersection of NYS Route 303. Turn around and head back east along Spruce Street (County Route 28) to the intersection of Greenbush Road (County Route 11).
- Turn left onto Greenbush Road (County Route 11) and head north to the intersection of NYS Route 303.
- Continue North on NYS Route 303 to the northern section of Greenbush Road (County Route 11), turn right onto Greenbush Road (County Route 11) and go to the Town of Orangetown/Clarkstown border. Turn around and head back south along both sections of Greenbush Road (County Route 11) to the intersection of NYS 303. **Clean entire triangular area including two ways Greenbush Rd spur going out to NYS Route 303 and one way section of the Greenbush Road (County Road 11) before continue to Leber Road (County Route 36).**
- Proceed carefully to Leber Road (County Route 36) and head back west to Western Highway (County Route 15). **Be careful Leber Rd (County Route 36) is one way street coming out to NYS Route 303. Exercise extreme caution to make sure no cars coming out from Leber Road Bridge.**
- Turn right onto Western Highway (County Route 15) continue north to Green Road (County Route 44) turn left onto Green Road (County Route 44) to the intersection of Sickletown Road (County Route 23).
- Turn right onto Sickletown Road (County Route 23) and head north to the intersection of West Nyack Road.
- This completes the route.



**Plowing and Salting Routes 10 (Chestnut Ridge)**  
 Rockland County Highway Department

Prepared By: RCHD - Engineering/GIS Division  
 March 2023

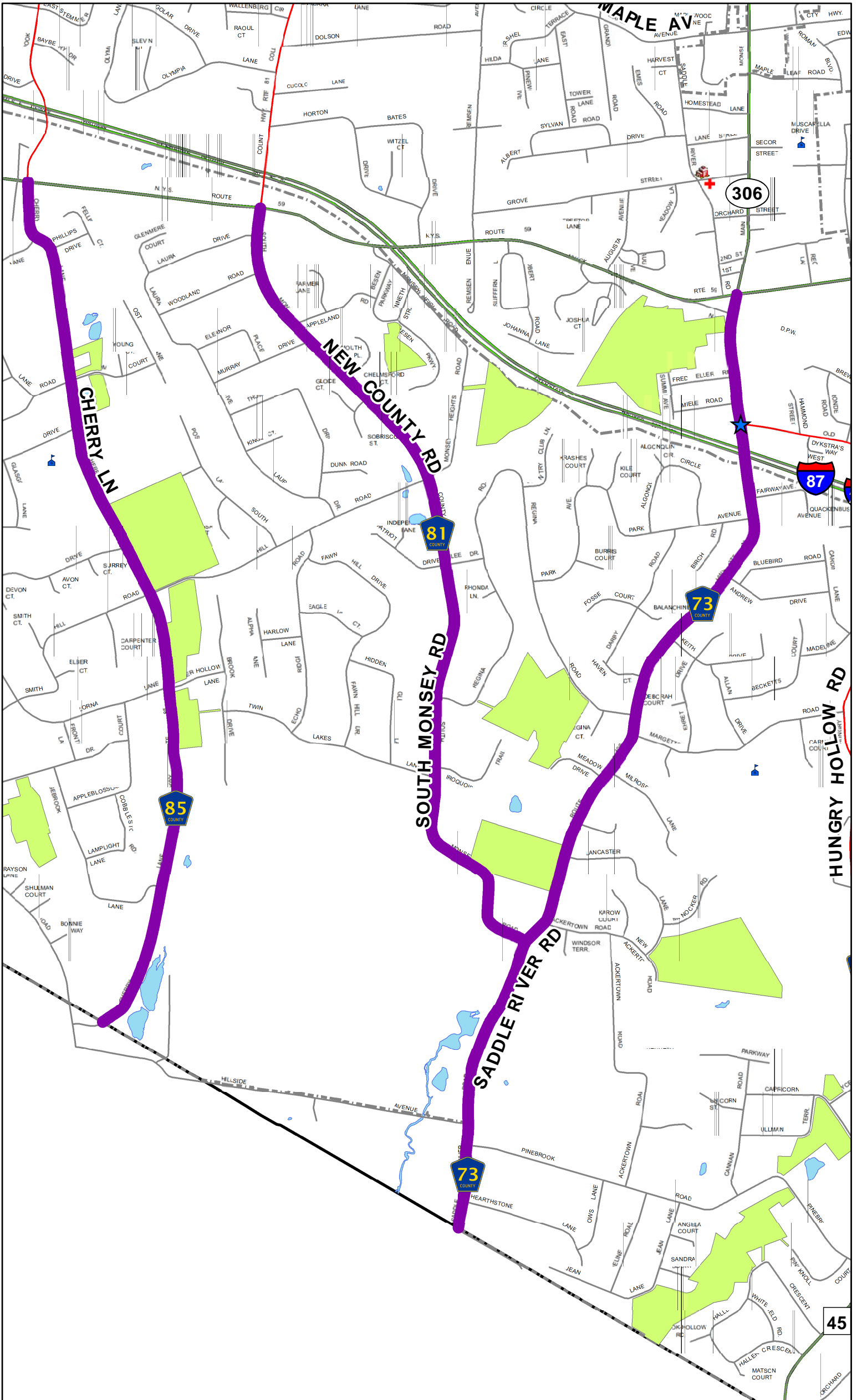
# Chestnut Ridge

## Route #10

- Proceed along the following County roads to get to the start of the route: From Old Nyack Turnpike (County Route 52) turn South towards South Pascack Road (County Route 35), then continue South towards Convent Road (County Route 46). Turn right onto South Middletown Road (County Route 33) and travel south towards West Townline Road (County Route 42). Turn left onto West Townline Road (County Route 42) and travel east towards the Sickletown Road (County Route 23) intersection.

### **Below is the start of the route.**

- Head south on Sickletown Road (County Route 23) to the intersection of Gilbert Avenue (County Route 26).
- Turn right onto Gilbert Avenue (County Route 26) heading west towards the intersection of Veterans Memorial Drive (County Route 20).
- Turn around at the Veterans Memorial Drive (County Route 20) intersection and head back east along Gilbert Avenue (County Route 26) to the intersection of Sickletown Road (County Route 23).
- Turn right onto Convent Road (County Route 26) heading east towards Western Highway (County Route 15).
- Turn around at Western Highway (County Route 15) and head back west to the intersection of Convent Road (County Route 26) / Blue Hill Road (County Route 23).
- Turn left onto Blue Hill Road (County Route 23) heading south to the intersection of Veterans Memorial Drive (County Route 20).
- **Stop plowing and turn right onto Veterans Memorial Drive (County Route 20) head west to the intersection with Blue Hill Road South (County Route 23).**
- Turn left onto Blue Hill Road South (County Route 23) go to the New York State Border.
- Turn around at the New York State Border and head north along Blue Hill Road South (County Route 23) to Veterans Memorial Drive (County Route 20) intersection.
- **Stop plowing and turn right onto Veterans Memorial Drive (County Route 20) and continue to the intersection of Blue Hill Road (County Route 23).**
- Turn left onto Blue Hill Road (County Route 23) heading north back towards the intersection with Convent Road (County Route 26).
- Turn left onto Convent Road (County Route 26) heading west, go to the intersection of Sickletown Road (County Route 23).
- Turn right onto Sickletown Road (County Route 23) heading north to the intersection of Townline Road (County Route 42)
- This completes the route.



**Plowing and Salting Routes 11 (Chestnut Ridge)**  
 Rockland County Highway Department

Prepared By: RCHD - Engineering/GIS Division  
 March 2023

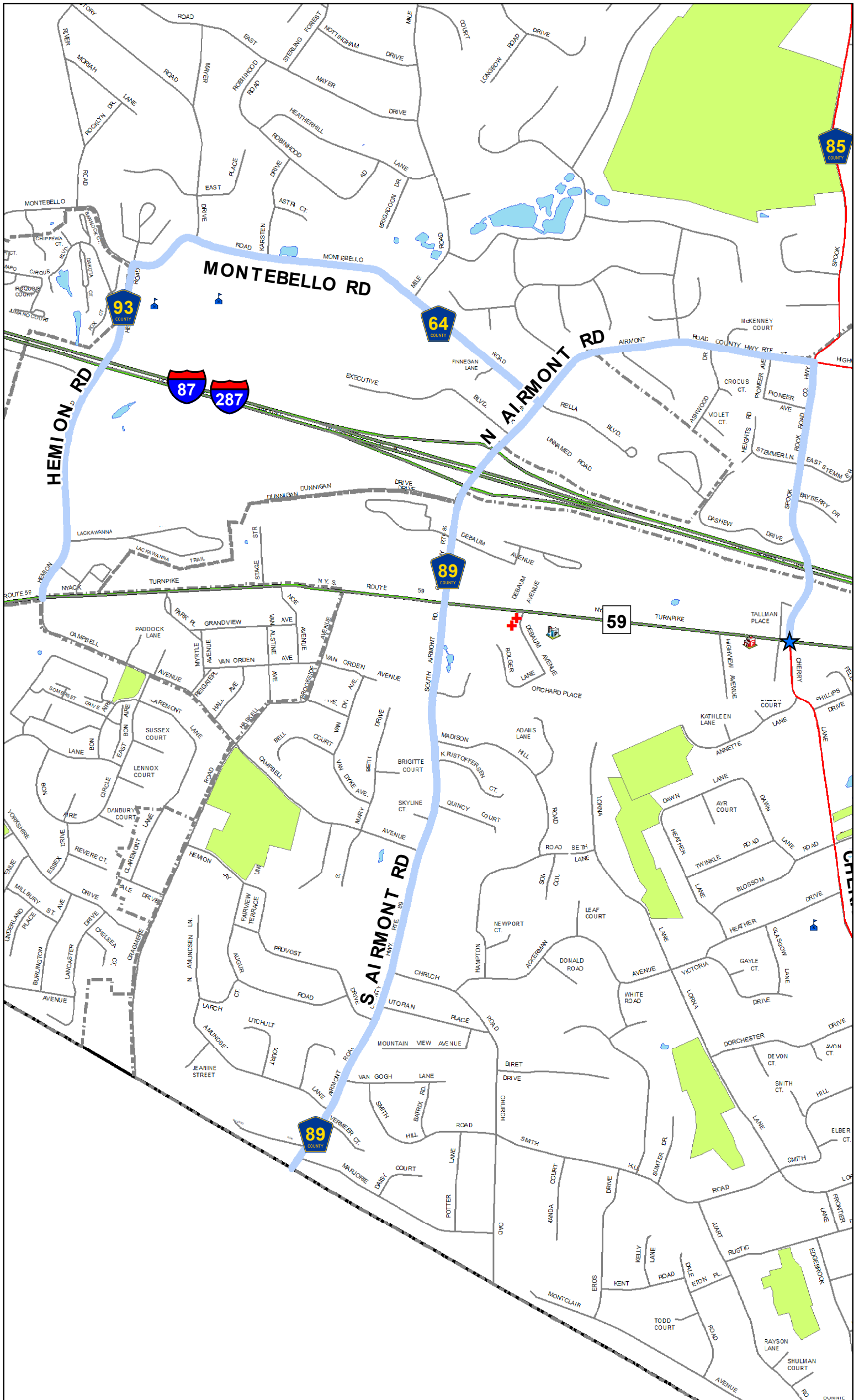
# Chestnut Ridge

## Route #11

- Proceed along the following County roads to get to the start of the route: From Old Nyack Turnpike (County Route 52) turn North towards South Pascack Road (County Route 35), then make a left onto Pipetown Hill Road. Go south on South Central Avenue (County Route 37) and it will become Old Nyack Turnpike (County Route 52). Continue west on Old Nyack Turnpike (County Route 52) until arriving at the Saddle River Road (County Route 73) intersection.

### **Below is the start of the route.**

- Turn right onto Saddle River Road (County Route 73) towards NYS Route 59.
- Turn around and head south along Saddle River Road (County Route 73) to the New York / New Jersey State line.
- Turn around and head north along Saddle River Road (County Route 73) to the intersection of South Monsey Road (County Route 81).
- Turn left onto South Monsey Road (County Route 81), continue north to the Christmas Hill Road / New County Road (County Route 81) intersection.
- Continue through the intersection onto New County Road (County Route 81) heading north towards the intersection of NYS Route 59.
- **Stop plowing and continue to Cherry Lane (County Route 85) along the following roads: Turn left onto NYS Route 59 and head west to the intersection of Cherry Lane (County Route 85).**
- Turn left onto Cherry Lane (County Route 85) and head south to the New York / New Jersey State line.
- Turn around and head back north on Cherry Lane (County Route 85) to the intersection of NYS Route 59.
- **Stop plowing and continue to New County Road (County Route 81) along the following roads: Turn right onto NYS Route 59 and head east to the intersection of New County Road (County Route 81).**
- Turn right and head south on New County Road – South Monsey Road (County Route 81) to the intersection of Saddle River Road (County Route 73).
- Turn left and head north on Saddle River Road (County Route 81) to the intersection of NYS Route 59
- This completes the route.



**Plowing and Salting Routes 12 (Chestnut Ridge)**  
 Rockland County Highway Department

Prepared By: RCHD - Engineering/GIS Division  
 March 2023

# Chestnut Ridge

## Route #12

Proceed along the following County roads to get to the start of the route: From Old Nyack Turnpike (County Route 52) turn North towards South Pascack Road (County Route 35) until reaching Forman Drive (County Route 52). From Forman Drive (County Route 52) make a left turn onto NYS Route 59. Take NYS Route 59 west towards the Cherry Lane/Spook Rock Road (County Route 85) intersection.

**Below is the start of the route.**

- Turn right, north, onto Spook Rock Road (County Route 85) towards the Airmont Road (County Route 64).
- Turn left onto Airmont Road (County Route 64) and head west to the Montebello Road (County Route 64) intersection.
- Turn right onto Montebello Road (County Route 64) head west to the Hemion Road intersection (County Route 93).
- Turn left onto Hemion Road (County Route 93) and head south to NYS Route 59.
- Turn around and head back north to the Montebello Road (County Route 64) intersection.
- Turn right onto Montebello Road (County Route 64) and head back east to the Airmont Road (County Route 89) intersection.
- Turn right onto Airmont Road (County Route 89) and head south through the NYS Route 59 intersection onto South Airmont Road (County Route 89). Continue to the New York / New Jersey State border.
- Turn around and head north along South Airmont Road (County Route 89) and Airmont Road (County Routes 89/64) to the intersection of Spook Rock Road (County Route 85).
- Turn right onto Spook rock Road (County Route 85) and head south to the intersection of NYS Route 59.
- This completes the route.



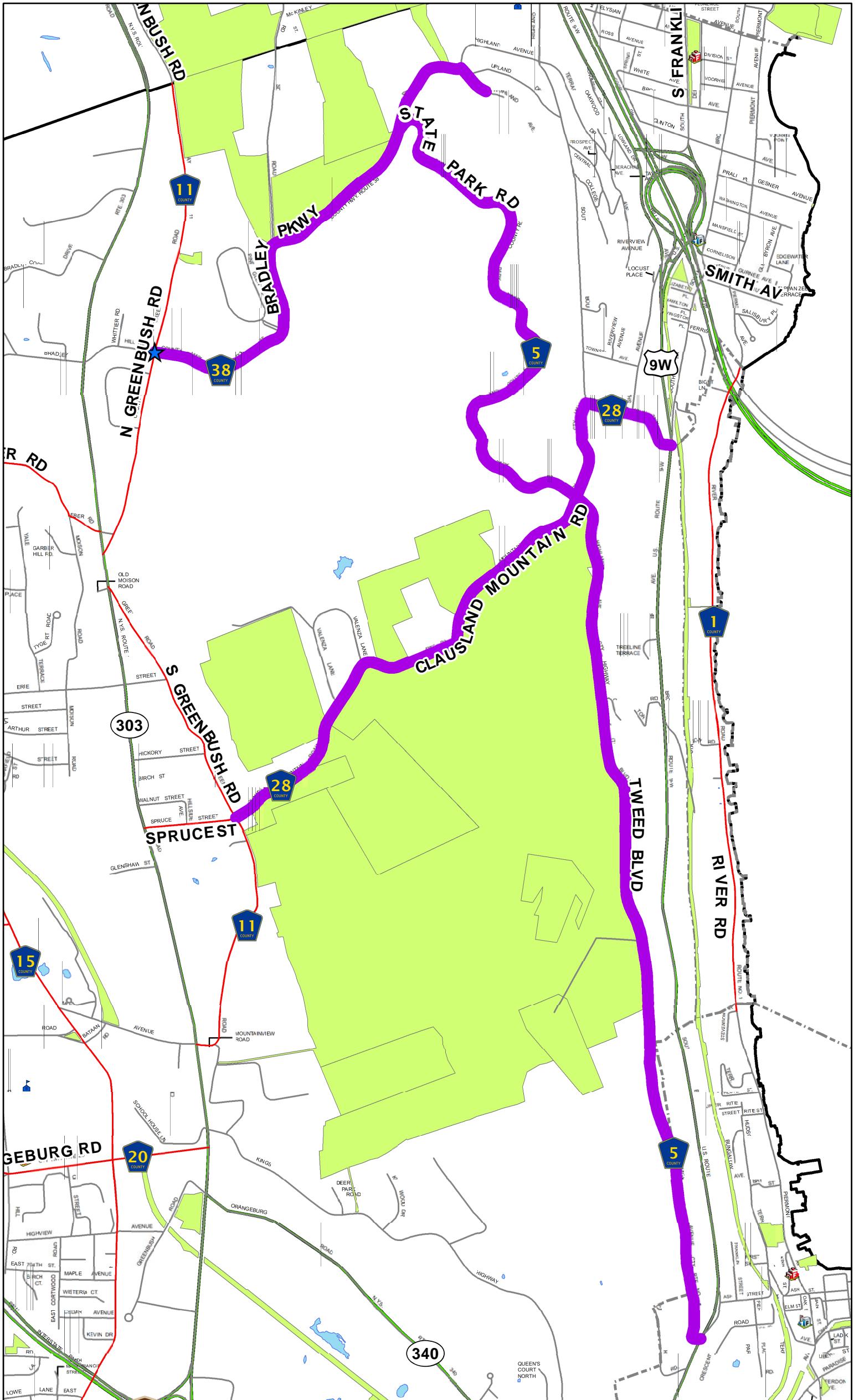
# Chestnut Ridge

## Route #13

- Proceed along the following County roads to get to the start of the route: From Old Nyack Turnpike (County Route 52) turn North towards South Pascack Road (County Route 35) and continue straight after going through the Lawrence Street Tunnel onto North Pascack Road/Northbrook Road and head North towards the Eckerson Road (County Route 74) intersection. Turn left onto Eckerson Road (County Route 74) and travel west towards the NYS Route 45 intersection.

### **Below is the start of the route.**

- Head west on Eckerson Road (County Route 74) through the intersection of NYS Route 45 to the intersection of Forshay Road (County Route 81).
- Turn left onto Forshay Road (County Route 81) and head south through the intersection of Highview Road (County Route 64) onto College Road (County Route 81) to the intersection of NYS Route 59.
- Turn around and head north College Road (County Route 81) and Forshay Road (County Route 81) to the intersection of Viola Road (County Route 74).
- Turn left and head west onto Viola Road (County Route 74) to the intersection of Spook Rock Road (County Route 85).
- Turn left onto Spook rock Road (County Route 85) and head south to the intersection of Highview Road (County Route 64).
- Turn left onto Highview Road (County Route 64) and head east through the intersection of College Road (County Route 81) to the intersection of Maple Avenue. Turn around and head back west along Highview Avenue (County Route 64) to the intersection of Spook Rock Road (County Route 85).
- Turn right onto Spook Rock Road (County Route 85) and head north to the intersection of Viola Road (County Route 74).
- Turn left onto Viola Road (County Route 74) and head west to the intersection of NYS Route 202.
- Turn around and head back east along Viola Road to the intersection of Spook Rock Road (County Route 85).
- Turn left and head north on Spook Rock Road (County Route 85) to the intersection of Grandview Avenue (County Route 80). ***Clean entire triangular area including Grandview Avenue spur (County Route 80A).***
- Turn around and head south along Spook Rock Road (County Route 85) to the intersection of Viola Road (County Route 74).
- Turn left onto Viola Road (County Route 74) and head east through the intersection of NYS Route 306 to the intersection of NYS Route 45.
- This completes the route.



**Plowing and Salting Routes 14 (Chestnut Ridge)**  
 Rockland County Highway Department

Prepared By: RCHD - Engineering/GIS Division  
 March 2023

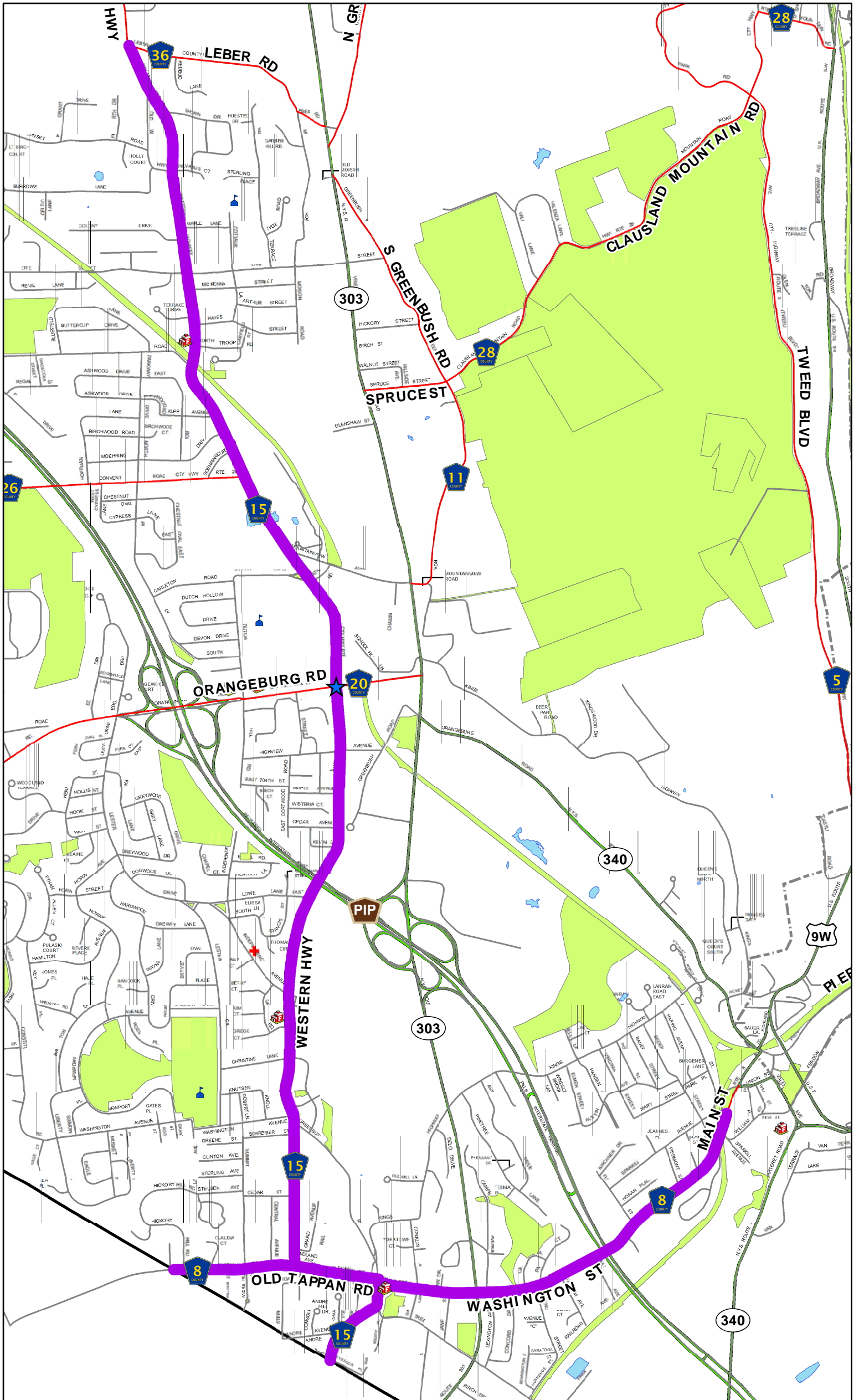
# Chestnut Ridge

## Route #14

- Proceed along the following County roads to get to the start of the route: Turn left onto Hunt Road and going North to the Veterans Memorial Drive/Orangeburg Road (County Route 20) intersection. Turn right onto the Veterans Memorial Drive/Orangeburg Road (County Route 20) and going East on Orangeburg Road (County Route 20) towards the NYS Route 303 intersection. Travel north towards the Bradley Parkway intersection. Turn right onto the Bradley Parkway towards the Greenbush Road (County Road 11) intersection.

### **Below is the start of the route.**

- Continue east on Bradley Hill Road (County Route 38) to the Village of Grandview / Town of Orangetown line.
- Turn around at the Village of Grandview / Town of Orangetown line and head back west along Bradley Hill Road (County Route 38) to the intersection of Park Road (County Route 5).
- Turn left onto Park Road (County Route 5) heading south to the intersection of Clausland Mountain Road (County Route 28).
- Continue through the intersection onto Tweed Boulevard (County Route 5) to the intersection of NYS Route 9W.
- **Stop plowing and continue to Old Mountain Road (County Road 28) along the following roads: Turn left onto NYS Route 9W and head north to Old Mountain Road (County Route 28) intersection.**
- Turn left onto Old Mountain Road (County Route 28) heading west towards South Boulevard (County Route 28) and Clausland Mountain Road (County Route 28) and Tweed Boulevard (County Route 5) intersection.
- Continue through the intersection heading west towards Greenbush Road (County Route 11).
- Turn around at Greenbush Road (County Route 11) and head back east along Clausland Mountain Road (County Route 28) and Old Mountain Road (County Route 28) to the intersection of NYS Route 9W.
- Turn right onto NYS Route 9W and head south to the intersection of Tweed Boulevard (County Route 5).
- Turn right onto Tweed Boulevard (County Route 5) and head back north along Tweed Boulevard (County Route 5) and Park Road (County Route 5) to the intersection of Bradley Hill Road (County Route 38).
- Turn left onto Bradley Hill Road (County Route 38) heading west to the intersection of Greenbush Road (County Route 11).
- This completes the route.



**Plowing and Salting Routes 15 (Chestnut Ridge)**  
 Rockland County Highway Department

Prepared By: RCHD - Engineering/GIS Division  
 March 2023

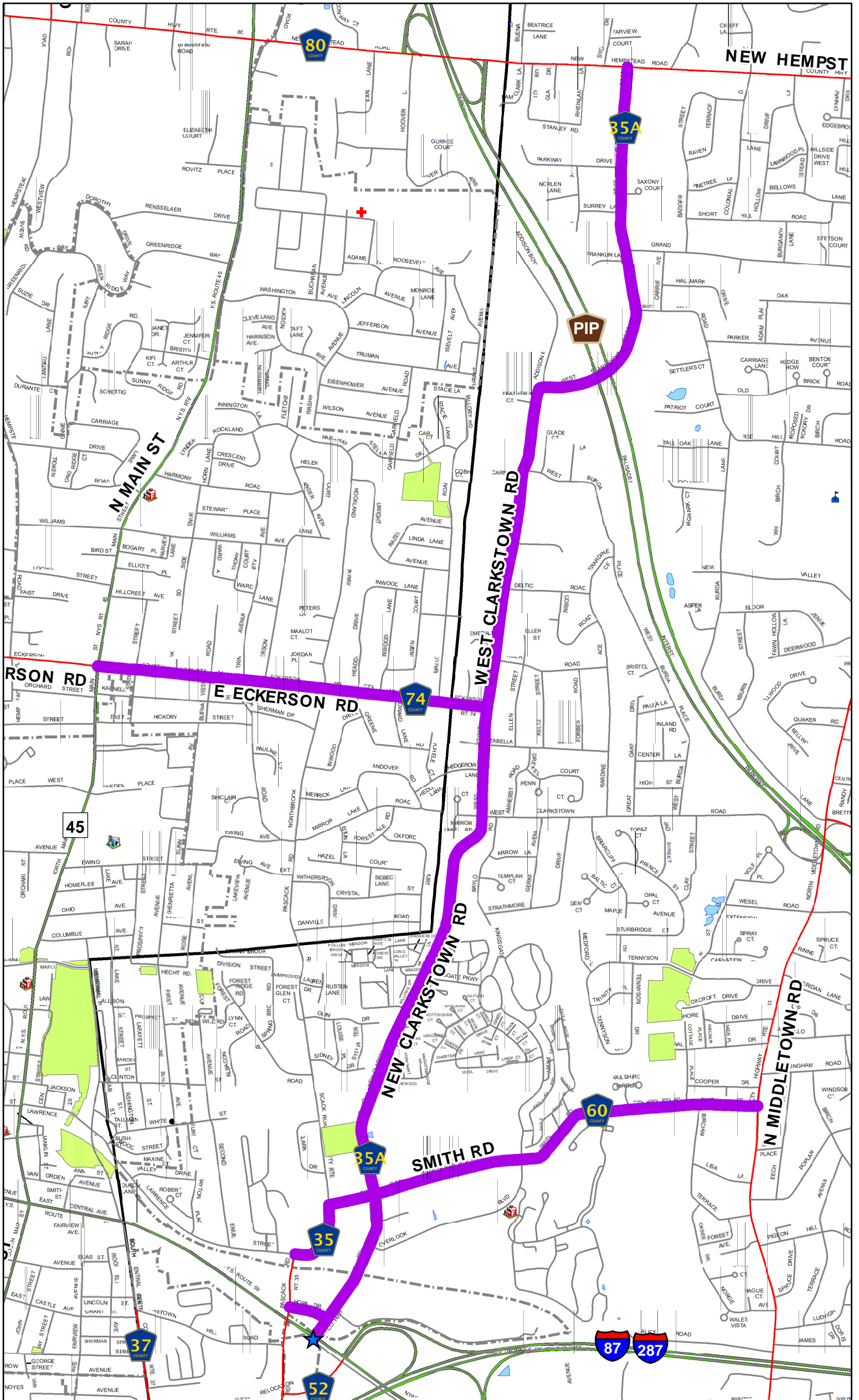
# Chestnut Ridge

## Route #15

- Proceed along the following County roads to get to the start of the route: Turn left onto Hunt Road and going North to the Veterans Memorial Drive/Orangeburg Road (County Route 20) intersection. Turn right onto the Veterans Memorial Drive/Orangeburg Road (County Route 20) and travel East on Orangeburg Road (County Route 20). Travel East through the NYS Palisades Interstate Parkway, towards the Western Highway (County Route 15) intersection.

### **Below is the start of the route.**

- Turn right and travel south on Western Highway (County Route 15) towards the intersection of Tappan Road (County Route 8).
- Turn left onto Tappan Road (County Route 8) head east to the intersection of Main Street (County Route 15) and Washington Street (County Route 8).
- Continue through the intersection heading east on Washington Street (County Route 8) to the intersection of NYS Route 340.
- Turn around and head back west along Washington Street (County Route 8) to the intersection of Main Street (County Route 15).
- Turn left onto Main Street (County Route 15) and head south to the New York – New Jersey State border.
- Turn around and head back north along Main Street (County Route 15) to the intersection of Tappan Road (County Route 8).
- Turn left onto Tappan Road (County Route 8) head west to the intersection of the New York – New Jersey State border.
- Turn around at the New York – New Jersey State border and head east on Tappan Road (County Route 8) to the intersection of Western Highway (County Route 15).
- Turn left onto Western Highway (County Route 15) head north through the intersection of Orangeburg Road (County Route 20) to the intersection of Leber Road (County Route 36).
- Turn around and head south on Western Highway (County Route 15) towards the intersection of Orangeburg Road (County Route 20).
- This completes the route.



**Plowing and Salting Routes 16 (Chestnut Ridge)**  
 Rockland County Highway Department

Prepared By: RCHD - Engineering/GIS Division  
 March 2023

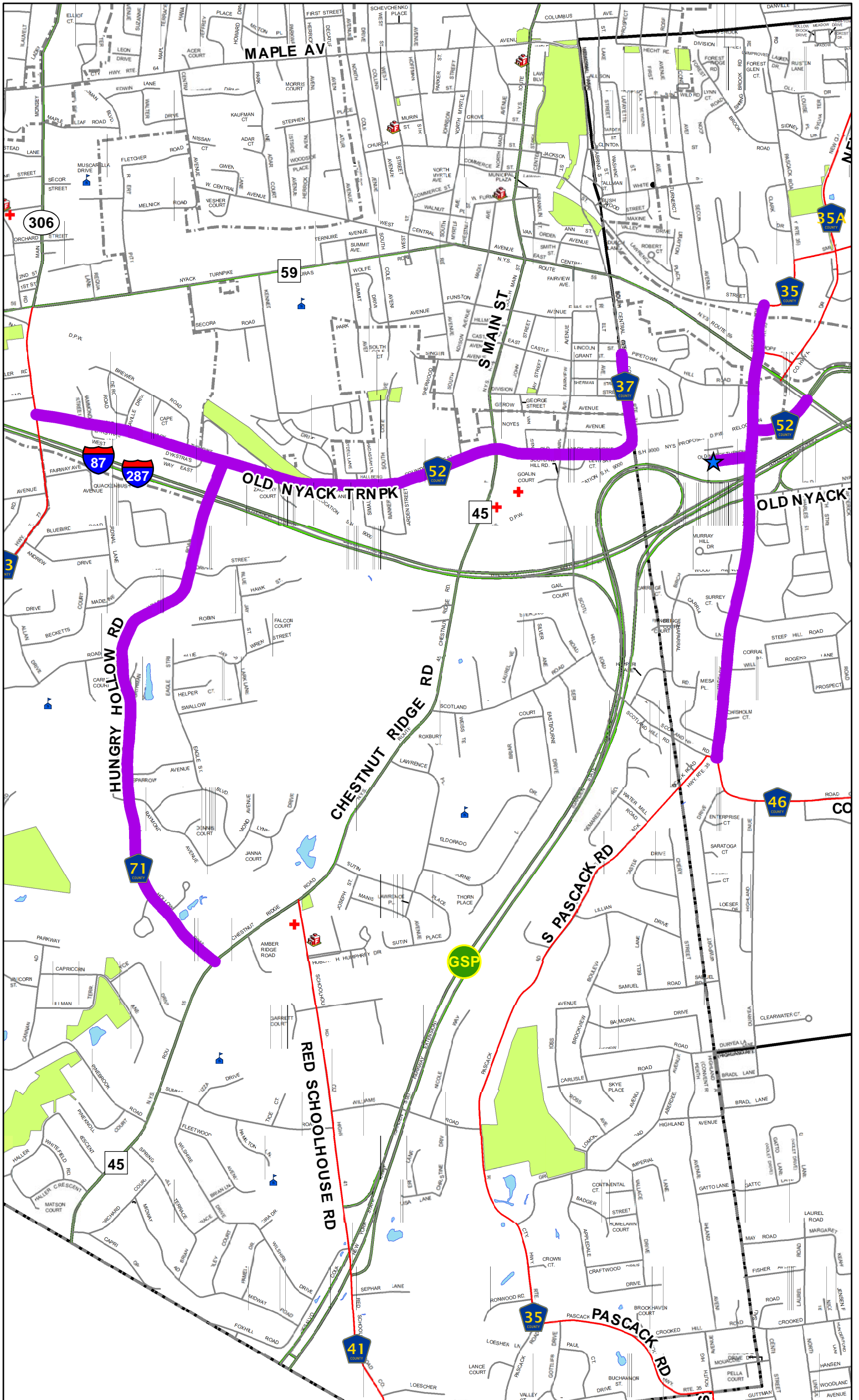
# Chestnut Ridge

## Route #16

- Proceed along the following County roads to get to the start of the route: From Old Nyack Turnpike (County Route 52) turn North towards South Pascack Road (County Route 35) until reaching Forman Drive (County Route 52). Make a right onto Forman Drive (County Route 52), followed by a left onto NYS Route 59. Going West on NYS Route 59 to New Clarkstown Road (County Route 35A) intersection and turn right onto New Clarkstown Road (County Route 35A).

**Below is the start of the route.**

- Take New Clarkstown Road (County Route 35A) north towards the Perlman Drive (County Route 35C) intersection.
- Turn left onto Perlman Drive (County Route 35C) and go to the intersection of Pascack Road (County Route 35).
- Turn around and head back east to the intersection of New Clarkstown Road (County Route 35A)
- Turn left and head north on New Clarkstown Road (County Route 35A) to the intersection of Smith Road (County Route 60).
- Turn left onto Smith Road (County Route 60) head west to the intersection of Pascack Road (County Route 35).
- Turn left onto Pascack Road (County Route 35) head west to the traffic light at the tunnel.
- Turn around at the tunnel and head back east along Pascack Road (County Route 35) and Smith Road (County Route 60) to the intersection of Middletown Road (County Route 33).
- Turn around at Middletown Road (County Route 33) head back west along Smith Road (County Route 60) to the intersection of New Clarkstown Road (County Route 35A).
- Turn right onto New Clarkstown Road (County Route 35A) and head north to the Eckerson Road (County Route 74) intersection and turn left to head west to the intersection of NYS Route 45.
- Turn around and head back east on Eckerson Road (County Route 74) to the intersection of West Clarkstown Road (County Route 35A).
- Turn left onto West Clarkstown Road (County Route 35A) and head north towards the intersection of New Hempstead Road (County Route 80).
- Turn around and head back south down West Clarkstown Road (County Route 35A) to the NYS Route 59 intersection.
- This completes the route.



**Plowing and Salting Routes 17 (Chestnut Ridge)**  
 Rockland County Highway Department

Prepared By: RCHD - Engineering/GIS Division  
 March 2023

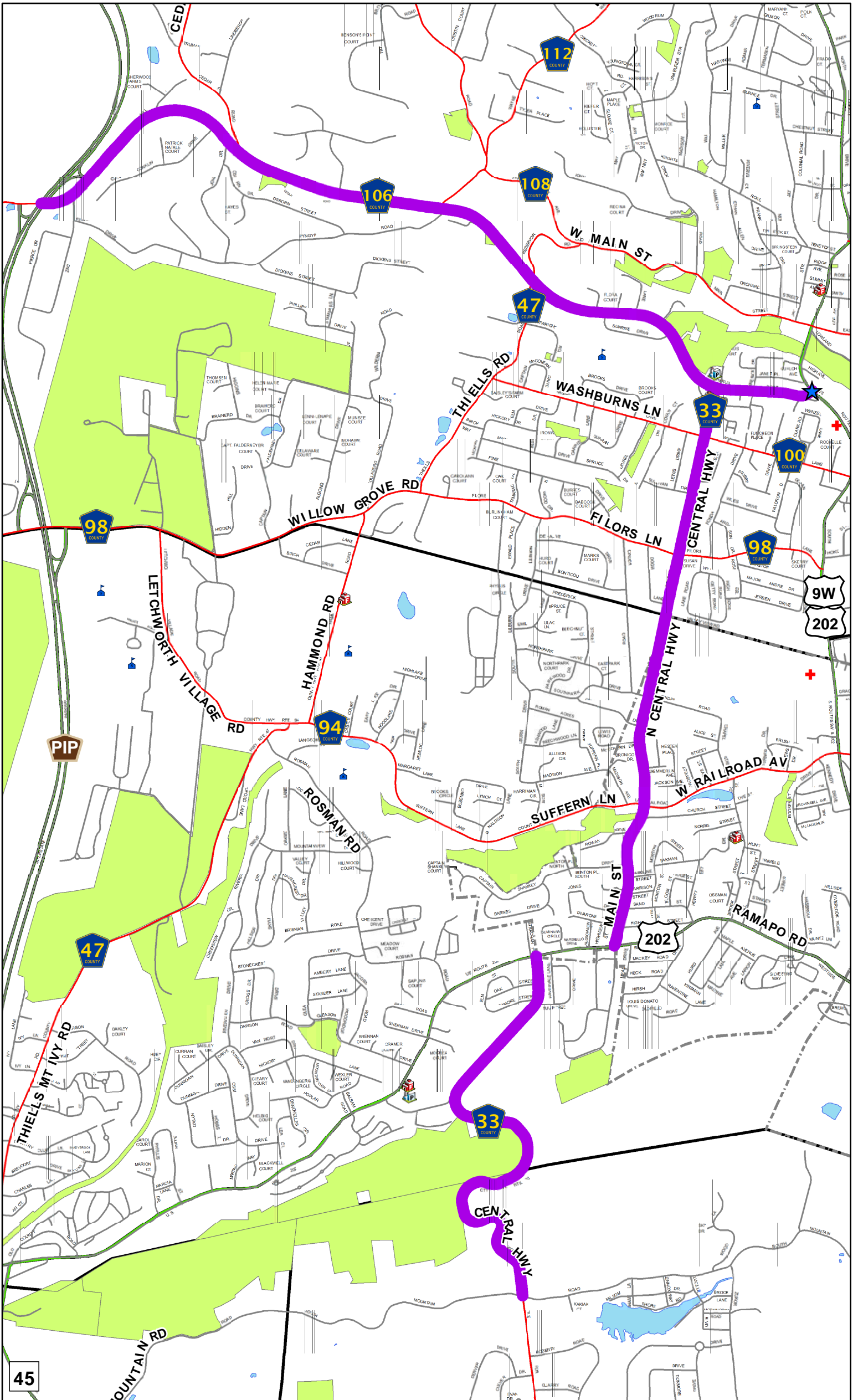
# Chestnut Ridge

## Route #17

- Proceed along the following County roads to get to the start of the route: Start at the beginning of Old Nyack Turnpike (County Route 52), out from highway site entrance.

### **Below is the start of the route.**

- From the beginning of Old Nyack Turnpike (County Route 52). head east to the end of Old Nyack Turnpike (County Route 52) towards the South Pascack Road (County Route 35) intersection
- Turn right and head south on Pascack Road (County Route 35) to the intersection of Convent Road (County Route 46).
- Turn around and head north on Pascack Road (County Route 35) to the intersection of Forman Drive (County Route 52).
- Turn right and head east on Forman Drive (County Route 52) to the intersection of NYS Route 59.
- Turn around and head west on Forman Drive (County Route 52) to the intersection of Pascack Road (County Route 35).
- Turn right and head north on Pascack Road (County Route 35) to the north side of the tunnel.
- Turn around and head south on Pascack Road (County Route 35) and head south to Pipetown Hill Road intersection.
- **Stop plowing and turn right and take Pipetown Hill Road head west to the intersection of S. Central Ave. (County Route 37).**
- Turn left onto S. Central Ave. (County Route 37) and head south to the intersection of Old Nyack Tpke (County Route 52).
- Turn right at Old Nyack Tpke (County Route 52) and head west to the intersection of Saddle River Road (County Route 73)
- Turn around and head east on Old Nyack Turnpike (County Route 52) to the intersection of Hungry Hollow Road (County Route 71).
- Turn right onto Hungry Hollow Road (County Route 71) and head south to the intersection of NYS Route 45/Chestnut Ridge Road.
- Turn around and head north on Hungry Hollow Road (County Route 71) to the intersection of Old Nyack Turnpike (County Route 52).
- Turn right onto Old Nyack Turnpike (County Route 52) and head east to the intersection of Pipetown Hill Road.
- **Stop plowing and turn right and take Pipetown Hill Road head east to the intersection of the Pascack Road (County Route 35).**
- Turn right onto Pascack Road (County Route 35) and travel south towards the Old Nyack Turnpike (County Route 52) intersection.
- Turn right onto Old Nyack Turnpike (County Route 52) and head west to the beginning of the Old Nyack Turnpike (County Route 52).
- This completes the route.



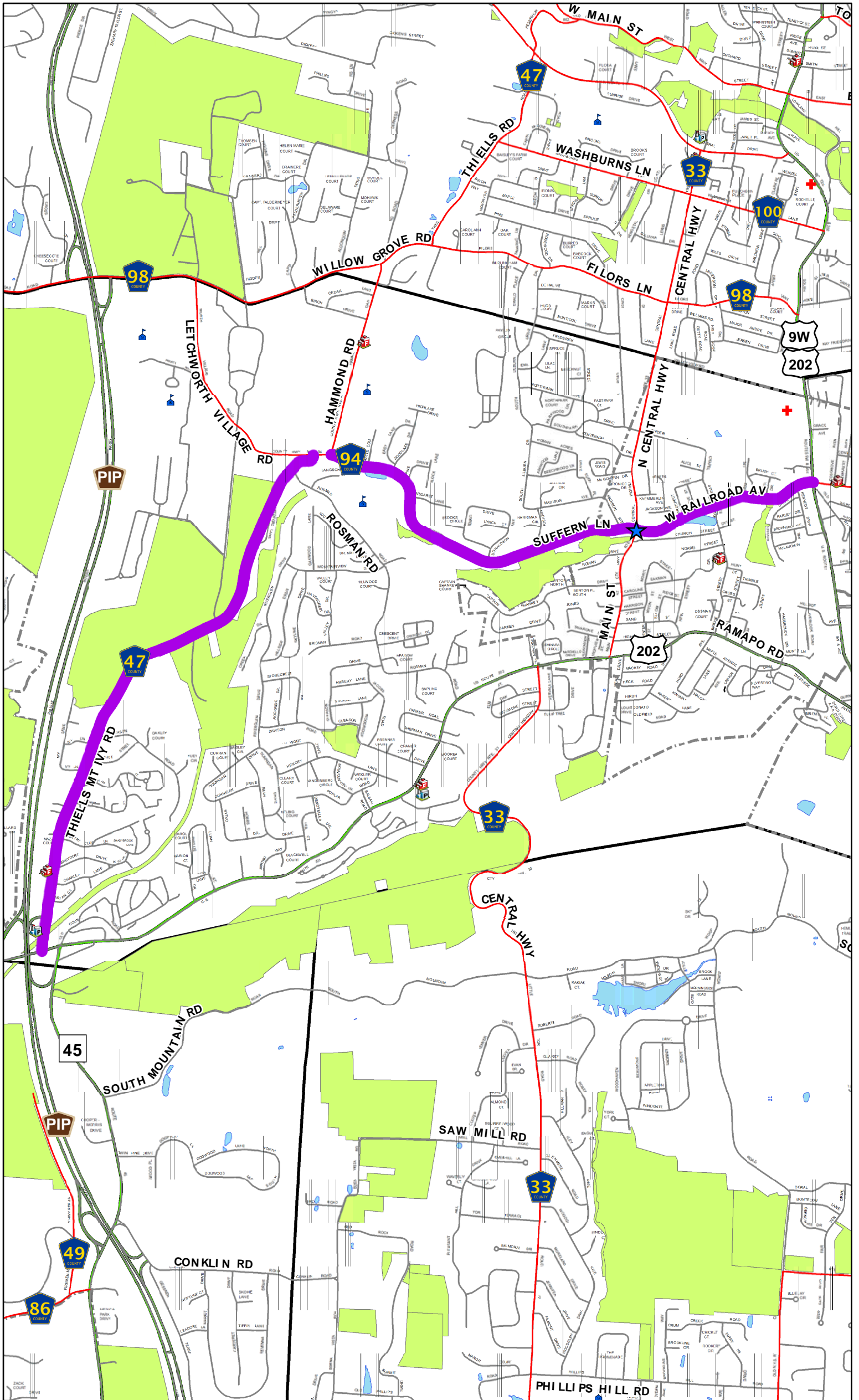
**Plowing and Salting Routes 1 (Stony Point)**  
 Rockland County Highway Department

Prepared By: RCHD - Engineering/GIS Division  
 March 2023

# **Stony Point**

## **Route #1**

- Start at NYS Route 9W and New Route 210 (County Route 106) head west along New Route 210 (County Route 106) to the intersection of Central Highway (County Route 33).
- Turn left onto Central Highway (County Route 33) heading south to the intersection of NYS Route 202.
- Turn right onto NYS Route 202 heading west to the intersection of Central Highway (County Route 33).
- Turn left onto Central Highway (County Route 33) heading south to the intersection of South Mountain Road.
- Turn around at South Mountain Road and head back north along Central Highway (County Route 33) to NYS Route 202.
- Turn right onto NYS Route 202 heading east to the intersection of Central Highway (County Route 33).
- Turn left onto Central Highway (County Route 33) heading north to the intersection of New Route 210 (County Route 106).
- Turn left onto New Route 210 (County Route 106) heading west to the Palisades Parkway Exit 14 interchange.
- Turn around at the Palisades Parkway Exit 14-interchange head back east along New Route 106 to the intersection of NYS Route 9W.
- This completes the route.



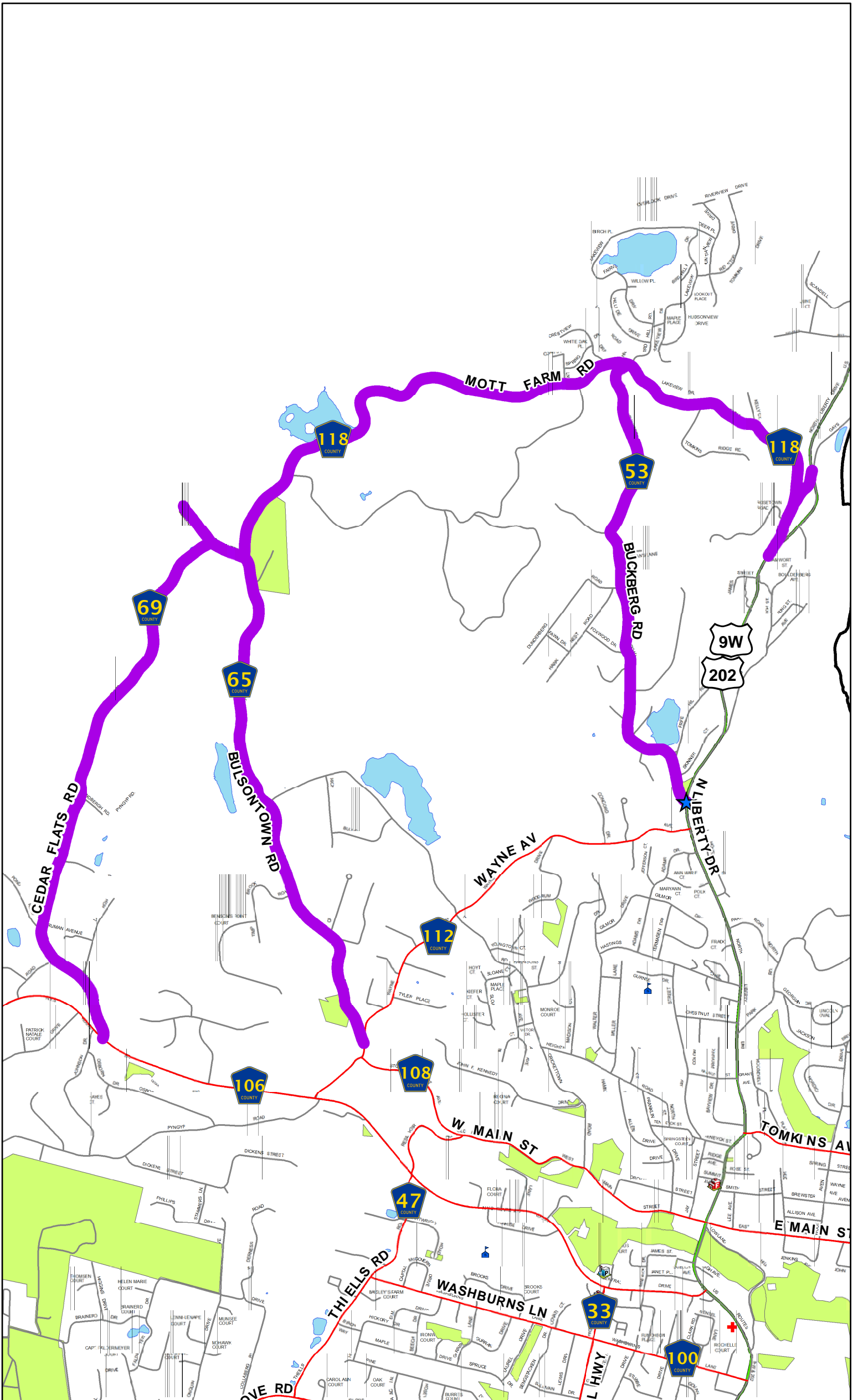
**Plowing and Salting Routes 2 (Stony Point)**  
 Rockland County Highway Department

Prepared By: RCHD - Engineering/GIS Division  
 March 2023

# **Stony Point**

## **Route #2**

- Start at the intersection of Railroad Avenue (County Route 94) and Main Street (County Route 33).
- Head east towards the intersection of Railroad Avenue (County Route 94) and NYS Route 9W.
- Turn around and head back west along Railroad Avenue (County Route 94) through the intersection of Main Street (County Route 33) and continue towards the intersection of Thiells Mount Ivy Road (County Route 47).
- Turn left heading south to the intersection of NYS Route 202.
- Turn around at the NYS Route 202 intersection and head back north along Thiells Mt. Ivy Road to the intersection of Suffern Lane (County Route 94).
- Turn right onto Suffern Lane (County Route 94) and head east to the intersection of Main Street (County Route 33), Garnerville.
- This completes the route.

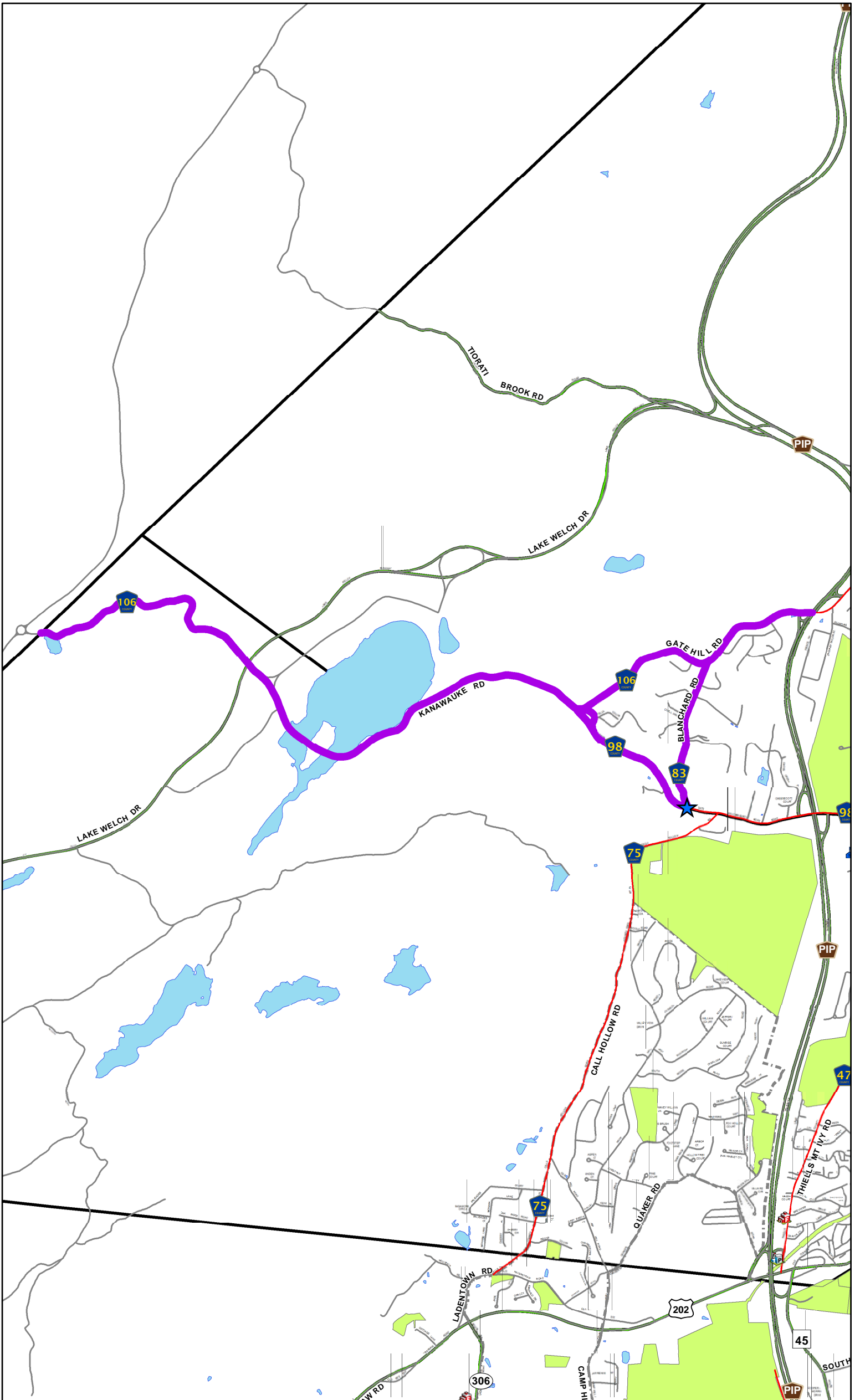


**Plowing and Salting Routes 3 (Stony Point)**  
 Rockland County Highway Department

# **Stony Point**

## **Route #3**

- Start at NYS Route 9W and Buckberg Road (County Route 53)
- Head north along Buckberg Road (County Route 53) to the intersection of Mott Farm Road (County Route 118).
- Turn right onto Mott Farm Road (County Route 118) head east to the intersection of Gay's Hill Road (County Route 118A).
- Turn right head south along Gay's Hill Road (County Route 118A) to the intersection of NYS Route 9W.
- Turn around at NYS Route 9W and head back north along Gay's Hill Road (County Route 118A) to the intersection of NYS Route 9W.
- Turn around at NYS Route 9W and head back south along Gay's Hill Road (County Route 118A) to the intersection of Mott Farm Road (County Route 118).
- Turn right onto Mott Farm Road (County Route 118) head west to the intersection of Bulsontown Road (County Route 65).
- Turn left onto Bulsontown Road (County Route 65) head south to the intersection of Wayne Avenue (County Route 112).
- Turn around at the intersection of Wayne Avenue (County Route 112) head back north along Bulsontown Road (County Route 65) to the intersection of Cedar Flats Road (County Route 69).
- Turn left onto Cedar Flats Road (County Route 69) head west to the intersection of Queensboro Road (County Route 69A).
- Continue straight through the intersection onto Queensboro Road heading west to the end of Queensboro Road (County Route 69A).
- Turn around at the end of Queensboro Road (County Route 69A) and head back east to the intersection of Cedar Flats Road (County Route 69).
- Turn right onto Cedar Flats Road (County Route 69) head south to the intersection of New Route 210 (County Route 106).
- Turn around at New Route 210 (County Route 106) and head back north along Cedar Flats Road (County Route 69) to the intersection of Mott Farm Road (County Route 118).
- Turn left onto Mott Farm Road (County Route 118) head east to the intersection of Buckberg Road (County Route 53).
- Turn right onto Buckberg Road (County Route 53) head south to the intersection of NYS Route 202.
- This completes the route.



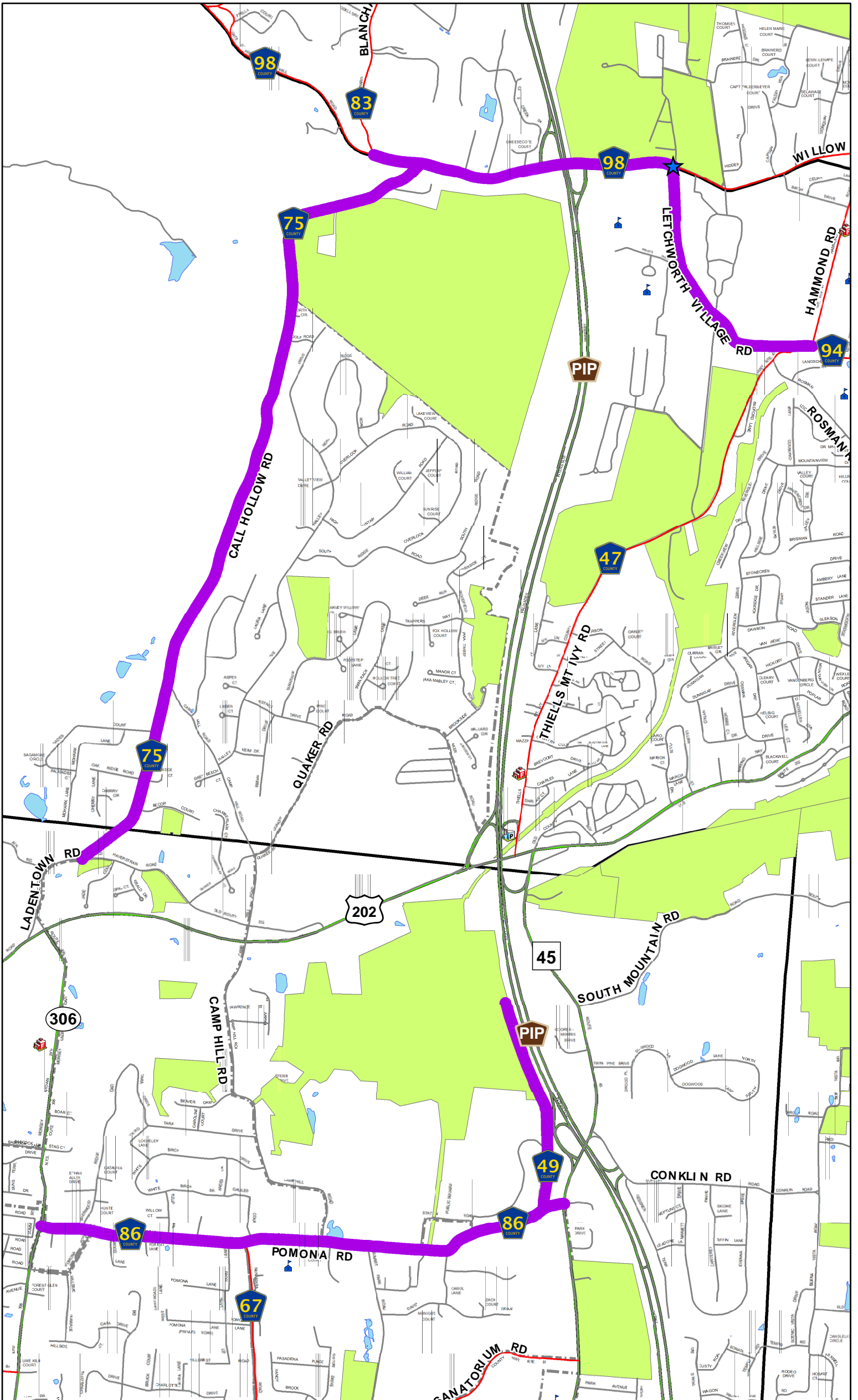
**Plowing and Salting Routes 4 (Stony Point)**  
 Rockland County Highway Department

Prepared By: RCHD - Engineering/GIS Division  
 March 2023

# Stony Point

## Route #4

- Start at the intersection of Blanchard Road (County Route 83) and Gate Hill Road (County Route 98).
- Head west along Gate Hill Road (County Route 98) to the intersection of Kanawauke Road (County Route 106).
- Continue west onto Kanawauke Road (County Route 106) to the Rockland County / Orange County line.
- Turn around at the Rockland County / Orange County line head back east along Kanawauke Road (County Route 106) to the intersection of Gate Hill Road (County Route 106).
- Turn left onto Gate Hill Road (County Route 106) head east to the intersection of Palisades Interstate Parkway Exit 15 Ramp.
- Turn around at the Palisades Interstate Parkway Exit 15 Ramp go west back along Gate Hill Road (County Route 106) to the intersection of Blanchard Road (County Route 83).
- Turn left onto Blanchard Road (County Route 83) head south to the intersection of Gate Hill Road (County Route 106).
- Turn around at Gate Hill Road (County Route 106) head back north along Blanchard Road (County Route 83) to the intersection of Gate Hill Road (County Route 106).
- Turn left onto Gate Hill Road (County Route 106) head west to the intersection of Kanawauke Road (County Route 106).
- Turn left onto Route 98A
- Turn left into Stella Court (Town of Stony Point) go to end turn around and go back to Route 98A.
- Turn left onto Route 98A head south to the intersection of Gate Hill Road (County Route 98).
- Turn left onto Gate Hill Road (County Route 98) head east to the intersection of Blanchard Road (County Route 83).
- This completes the route.

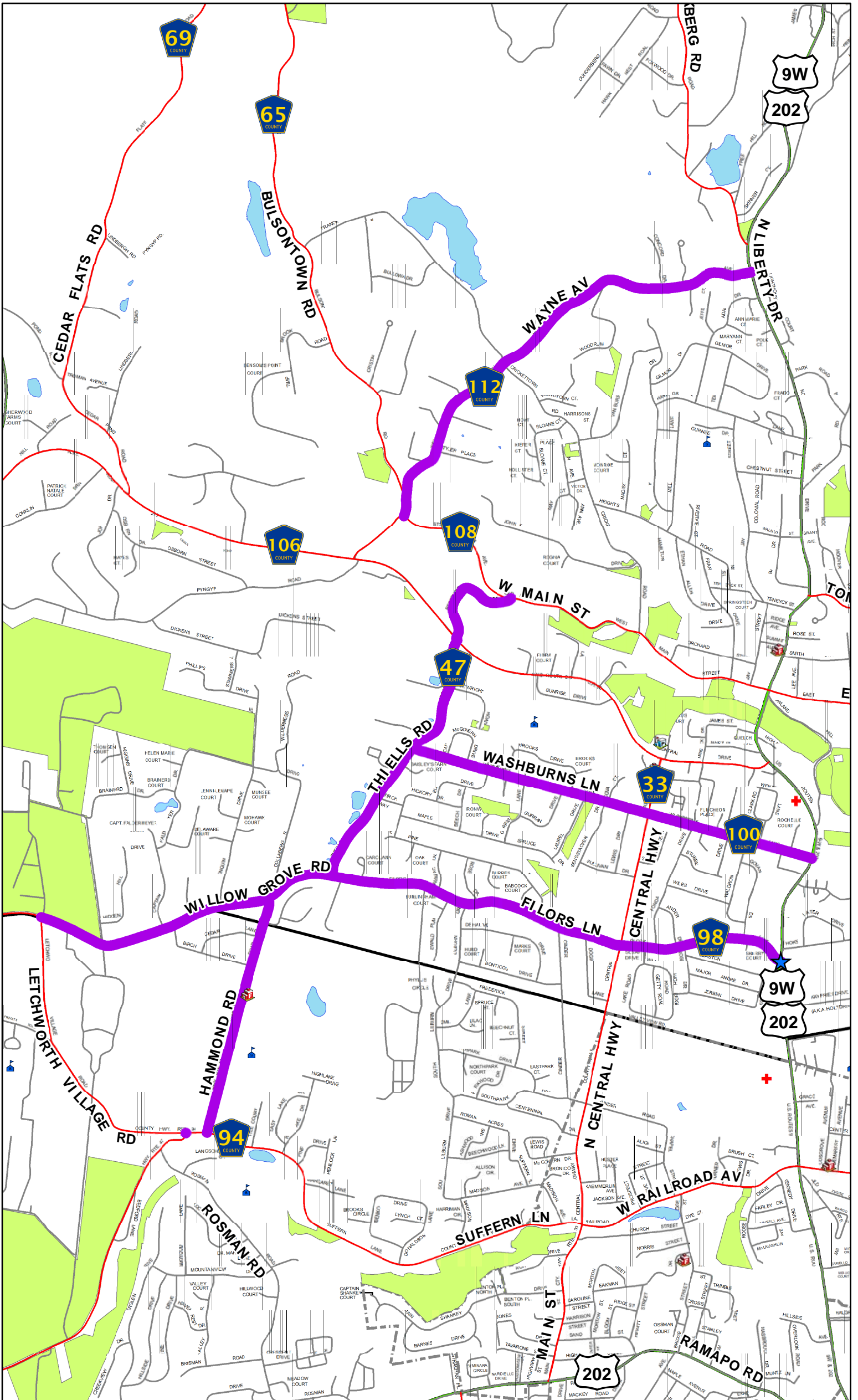


**Plowing and Salting Routes 5 (Stony Point)**  
 Rockland County Highway Department

# **Stony Point**

## **Route #5**

- Start at the intersection of Willow Grove Road (County Route 98) and Letchworth Village Road (County Route 94).
- Head south on Letchworth Village Road (County Route 94) to the intersection of Hammond Road (County Route 47).
- Turn around and head back north along Letchworth Village Road (County Route 94) to the intersection of Willow Grove Road (County Route 98).
- Turn left onto Willow Grove Road (County Route 98) and head west to the intersection of Blanchard Road (County Route 83).
- Turn around and head back east along Willow Grove Road (County Route 98) to the intersection of Calls Hollow Road (County Route 75). Turn right and head south on Calls Hollow Road (County Route 75) to the intersection of Old Haverstraw Road.
- Stop plowing and continue to Pomona Road (County Route 86) along the following roads: Old Route 202 to NYS Route 306.
- Turn left onto Pomona Road (County Route 86) and head east to the intersection of NYS Route 45.
- Turn around and head back west along Pomona Road (County Route 86) to the intersection of Fireman's Memorial Drive (County Route 49).
- Turn right onto Fireman's Memorial Drive (County Route 49) and head north to the end.
- Turn around and head south along Fireman's Memorial Drive (County Route 49) to the intersection of Pomona Road.
- Turn right onto Pomona Road (County Route 86) head west to the intersection of NYS Route 306. Stop plowing and continue to Calls Hollow Road along the following roads: NYS Route 306 to Old Route 202.
- Head back north along Calls Hollow Road (County Route 75) to the intersection of Willow Grove Road (County Route 98).
- Turn right onto Willow Grove Road (County Route 98) and head east to the intersection of Letchworth Village Road (County Route 94).
- This completes the route.

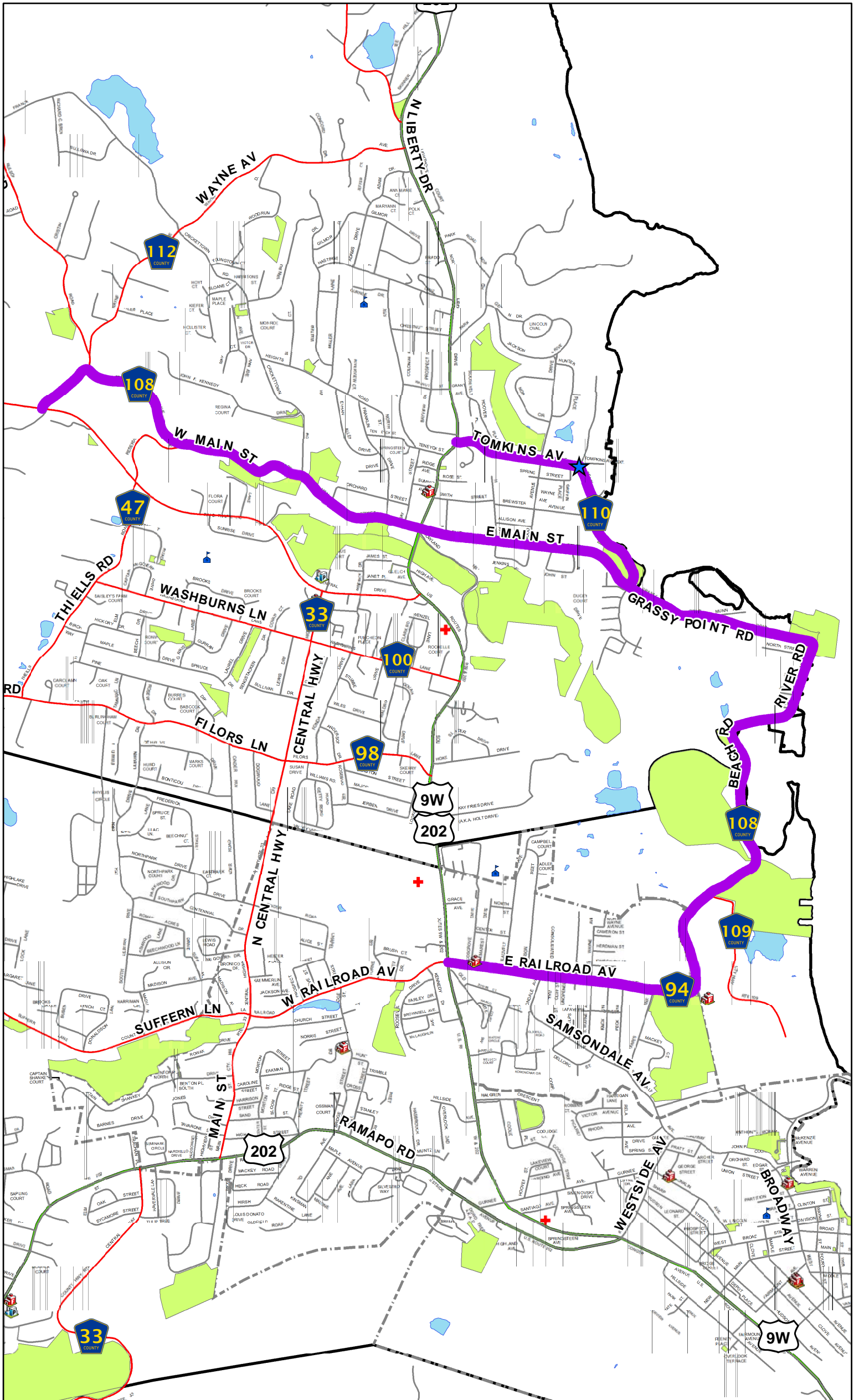


**Plowing and Salting Routes 6 (Stony Point)**  
 Rockland County Highway Department

# Stony Point

## Route #6

- Start at the intersection of Filors Lane (County Route 98) and NYS Route 9W.
- Head west onto Filors Lane (County Route 98) to the intersection of Willow Grove Road (County Route 98).
- Turn left onto Hammond Road (County Route 47) head south to the intersection of Suffern Lane (County Route 94).
- Turn around at Suffern Lane (County Route 94) head back north along Hammond Road to the intersection of Willow Grove Road (County Route 98).
- Turn left onto Willow Grove Road (County Route 98) head west to the intersection of Letchworth Village Road (County Route 94).
- Turn around at Letchworth Village Road (County Route 94) head back east to the intersection of Thiells Road (County Route 47).
- Turn left onto Thiells Road (County Route 47) head north to the intersection of Washburns Lane (County Route 100).
- Turn right onto Washburns Lane (County Route 100) head east to the intersection of NYS Route 9W.
- Turn around at NYS Route 9W head back west along Washburns Lane (County Route 100) to the intersection of Thiells Road (County Route 47).
- Turn right onto Thiells Lane (County Route 47) head north to the intersection of New Route 210 (County Route 106).
- Continue through the intersection of New Route 210 (County Route 106) onto Reservoir Road (County Route 47) to the intersection of West Main Street (County Route 108).
- From here head west along West Main Street (County Route 108) to the intersection of Wayne Avenue (County Route 112).
- Turn right onto Wayne Avenue (County Route 112) and head north to the intersection of NYS Route 9W.
- Turn around and head back south along Wayne Avenue (County Route 112) to the intersection of West Main Street (County Route 108).
- Turn left and head east to the intersection of Reservoir Road (County Route 47).
- Continue south onto Reservoir Road (County Route 47) through the intersection of New Route 210 (County Route 106) onto Thiells Road (County Route 47) and continue to the intersection of Filors Lane (County Route 98).
- Turn left onto Filors Lane (County Route 98) head east to the intersection of NYS Route 9W.
- This completes the route.



**Plowing and Salting Routes 7 (Stony Point)**  
 Rockland County Highway Department

Prepared By: RCHD - Engineering/GIS Division  
 March 2023

# Stony Point

## Route #7

- Start at the intersection of Tomkins Avenue (County Route 110) and Depot Plaza.
- Head west on Tomkins Avenue (County Route 110) to the intersection of NYS Route 9W.
- Turn around and head back east along Tomkins Avenue/Beach Road (County Route 110) to the intersection of Grassy Point Road (County Route 108). **Safety Note: Truck must go through a tunnel at the end of Beach Road (County Route 110), exercise extreme caution and check for clearance around vehicle.**
- Turn left onto Grassy Point Road-River Road (County Route 108) head east and south to the intersection of Railroad Avenue (County Route 94).
- Continue westerly onto Railroad Avenue (County Route 94) to the intersection of NYS Route 9W.
- Turn around and head back along Railroad Avenue (County Route 94) and Grassy Point Road-River Road (County Route 108) to the intersection of East Main Street (County Route 108) and Beach Road (County Route 110)
- Continue westerly onto East Main Street (County Route 108) to the intersection of NYS Route 9W.
- Continue through the intersection heading west onto West Main Street (County Route 108) towards the intersection of Old Route 210 (County Route 108).
- Turn left onto Old Route 210 (County Route 108) and head south to the intersection of New Route 210 (County Route 106).
- Turn around at New Route 210 (County Route 106) and head back along Old Route 210 (County Route 108) and West Main Street (County Route 108) to the intersection of NYS Route 9W.
- Continue easterly along East Main Street (County Route 108) to the intersection of Beach Road-Tomkins Avenue (County Route 110).
- Turn left onto Beach Road-Tomkins Avenue (County Route 110) and head north to the intersection of Depot Plaza. **Safety Note: Truck must go through a tunnel at the end of Beach Road (County Route 110), exercise extreme caution and check for clearance around vehicle.**
- This completes the route.