

2009-2010 CAPITAL FUND APPROPRIATION SCHEDULE

| PROJECT: | | TOTAL | FUNDING | | | | | |
|-----------------|----------------------------------------------------------------|--------------------|------------------|---------------|------------------|------------------|------------------|------------------|
| I. | Comprehensive Infrastructure Maintenance | COST | 2009-2010 | SOURCE | 2010-2011 | 2011-2012 | 2012-2013 | 2013-2014 |
| a | Streets, Sidewalks and Parking Lots | | | | | | | |
| | 1.)General Road Repairs | \$500,000 | 100,000 | BOND | 100,000 | 100,000 | 100,000 | 100,000 |
| | 2.)Sidewalk Replacement Fund | \$350,000 | 150,000 | BOND | 50,000 | 50,000 | 50,000 | 50,000 |
| | 3.)Curb Replacement | \$250,000 | 50,000 | BOND | 50,000 | 50,000 | 50,000 | 50,000 |
| | 4.)Olcott Ave and Larkin Place Sidewalk Improvements | \$300,000 | | | | | 300,000 | |
| | 5.)Croton-Harmon Train Station parking lot pay stations | \$100,000 | 100,000 | BOND | | | | |
| b | Stormwater Management Plan: | | | | | | | |
| | 1.) Brook Street | \$500,000 | | | | 500,000 | | |
| | 2.)Old Post Road Stormwater Improvements | \$50,000 | 50,000 | BOND | | | | |
| | 3.)Albany Post Road Drainage Improvements | \$250,000 | | | | | 250,000 | |
| | 4.)Prospect Place - drainage improvements | \$25,000 | 25,000 | BOND | | | | |
| c | Comprehensive Projects | | | | | | | |
| | 1. Elliott Way Phase I and II culvert replacement and widening | \$300,000 | 300,000 | BOND | | | | |
| | 2. Farrington Rd - Phase I - design - CDBG project | \$400,000 | 50,000 | BOND | 350,000 | | | |
| d | Bridges | | | | | | | |
| | 1.)Half Moon Bay Bridge Rehabilitation | \$250,000 | | | 250,000 | | | |
| I. | Comprehensive Infrastructure Maintenance | \$3,275,000 | \$825,000 | | \$800,000 | \$700,000 | \$750,000 | \$200,000 |

| PROJECT: | | TOTAL | FUNDING | | | | | |
|-----------------|------------------------|------------------|------------------|---------------|------------------|------------------|------------------|------------------|
| II. | EQUIPMENT | COST | 2009-2010 | SOURCE | 2010-2011 | 2011-2012 | 2012-2013 | 2013-2014 |
| a | 4X4 Pickup | \$170,000 | 32,000 | B.A.N. | 33,000 | 34,000 | 35,000 | 36,000 |
| b | 25 CY Sanitation Truck | \$360,000 | 180,000 | BOND | | | 180,000 | |
| c | 4x4 Lo-Boy | \$105,000 | | | | 50,000 | | 55,000 |
| d | Brush Chipper | \$26,000 | | | | 26,000 | | |
| e | Pool Car | \$25,000 | | | | | | 25,000 |
| II. | EQUIPMENT TOTAL | \$686,000 | \$212,000 | | \$33,000 | \$110,000 | \$215,000 | \$116,000 |

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|-----------------------------|-------------------------------------------|------------------|------------------|----------------|------------------|------------------|------------------|------------------|
| III. FIRE DEPARTMENT | | COST | 2009-2010 | SOURCE | 2010-2011 | 2011-2012 | 2012-2013 | 2013-2014 |
| a | Cascade system for refilling SCBA bottles | \$100,000 | 100,000 | BOND | | | | |
| b | Chief's Car | | | | | 43,000 | | |
| c | Thermal Imaging Cameras (1) | \$24,000 | | | 12,000 | 12,000 | | |
| d | Grand Street FH apron repair | \$170,000 | | | 170,000 | | | |
| e | Tanker 10 Replacement | \$580,000 | | | 580,000 | | | |
| III. | FIRE DEPARTMENT EQUIPMENT TOTAL | \$917,000 | \$100,000 | | \$762,000 | \$55,000 | \$0 | \$0 |

| PROJECT: | | TOTAL | | FUNDING | | | | |
|-------------------------------------|--------------------------------|--------------------|------------------|----------------|--------------------|------------------|------------------|------------------|
| IV EMERGENCY MEDICAL SERVICE | | COST | 2009-2010 | SOURCE | 2010-2011 | 2011-2012 | 2012-2013 | 2013-2014 |
| a | Ambulance Headquarters | \$1,000,000 | | | 1,000,000 | | | |
| b | Duty EMT Vehicle | \$35,000 | | | | | | 35,000 |
| IV | EMERGENCY MEDICAL TOTAL | \$1,035,000 | \$0 | | \$1,000,000 | \$0 | \$0 | \$35,000 |

| PROJECT: | | TOTAL | | FUNDING | | | | |
|-----------------|---------------------------------|------------------|------------------|----------------|------------------|------------------|------------------|------------------|
| V POLICE | | COST | 2009-2010 | SOURCE | 2010-2011 | 2011-2012 | 2012-2013 | 2013-2014 |
| a | Police Headquarters Renovations | \$575,000 | 75,000 | BOND | 500,000 | | | |
| V | POLICE TOTAL | \$575,000 | \$75,000 | | \$500,000 | \$0 | \$0 | \$0 |

| PROJECT: | | TOTAL | | FUNDING | | | | |
|-----------------------------|---------------------------------------------|--------------------|------------------|----------------|--------------------|--------------------|------------------|------------------|
| VI. MUNICIPAL GARAGE | | COST | 2009-2010 | SOURCE | 2010-2011 | 2011-2012 | 2012-2013 | 2013-2014 |
| a | Purchase of 1A Croton Point Avenue | \$2,500,000 | | | 2,500,000 | | | |
| b | New and relocated Municipal Garage & office | \$2,500,000 | | | | 2,500,000 | | |
| VI. | TOTAL MUNICIPAL GARAGE RENOVATIONS | \$5,000,000 | \$0 | | \$2,500,000 | \$2,500,000 | \$0 | \$0 |

| PROJECT: | | TOTAL | | FUNDING | | | | |
|--------------------------------------------|----------------------------------------------------|------------------|------------------|----------------|------------------|------------------|------------------|------------------|
| VII. MUNICIPAL BUILDING RENOVATIONS | | COST | 2009-2010 | SOURCE | 2010-2011 | 2011-2012 | 2012-2013 | 2013-2014 |
| a | Brick Façade Pointing and recaulking | \$100,000 | 100,000 | BOND | | | | |
| b | Community Room, Kitchen, and entry way renovations | \$30,000 | | | 30,000 | | | |
| VII. | TOTAL MUNICIPAL BUILDING RENOVATIONS | \$130,000 | \$100,000 | | \$30,000 | \$0 | \$0 | \$0 |

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|--------------------------------|----------------------------------------------------------|------------------|------------------|---------------|------------------|------------------|------------------|------------------|
| VIII. RECREATION | | COST | 2009-2010 | SOURCE | 2010-2011 | 2011-2012 | 2012-2013 | 2013-2014 |
| a | Silver Lake Dam Repair | \$150,000 | 150,000 | BOND | | | | |
| b | Engineering study for Yacht Club and Senasqua Boat Basin | \$75,000 | 75,000 | BOND | | | | |
| c | Duck Pond park improvements | \$175,000 | | | 175,000 | | | |
| d | Silver Lake Park Improvements | \$80,000 | | | | | 80,000 | |
| e | AWD Replacement Car | \$25,000 | | | | 25,000 | | |
| f | Vassallo Park | \$14,000 | | | | 14,000 | | |
| g | Dobbs Park Playground | \$200,000 | | | | | | 200,000 |
| h | Black Rock improvements | \$160,000 | | | | | 100,000 | 60,000 |
| VIII. RECREATION TOTALS | | \$619,000 | \$225,000 | | \$175,000 | \$39,000 | \$180,000 | \$260,000 |

| PROJECT: | | TOTAL | FUNDING | | | | | |
|---------------------------------|-------------------------------------------------------------------------------|------------------|------------------|---------------|------------------|------------------|------------------|------------------|
| IX. PLANNING INITIATIVES | | COST | 2009-2010 | SOURCE | 2010-2011 | 2011-2012 | 2012-2013 | 2013-2014 |
| a | Planning Studies | \$60,000 | 60,000 | BOND | | | | |
| b | Traffic/engineering study - dummy light intersection/Grand St & Old Post Rd N | \$50,000 | 50,000 | BOND | | | | |
| c | Croton-Harmon Train Station parking structure studies | | 100,000 | BOND | | | | |
| d | Comprehensive Plan - Phase 3 Zoning Updates | | 30,000 | BOND | | | | |
| e | Village's share of engineering costs for TEP Grant | | 30,000 | BOND | | | | |
| f | Recycling/Garbage Pickup Planning Study | | 30,000 | | | | | |
| IX. PLANNING - TOTAL | | \$110,000 | \$300,000 | | \$0 | \$0 | \$0 | \$0 |

| | TOTAL | 2009-2010 | 2010-2011 | 2011-2012 | 2012-2013 | 2013-2014 |
|------------------------------------|---------------------|--------------------|--------------------|--------------------|--------------------|------------------|
| | COST | | | | | |
| TOTAL GENERAL CAPITAL COSTS | \$12,797,000 | \$1,837,000 | \$5,800,000 | \$3,404,000 | \$1,145,000 | \$611,000 |

2009-2010 CAPITAL FUND APPROPRIATION SCHEDULE

2009-2010 CAPITAL FUND APPROPRIATION SCHEDULE - WATER FUND

| PROJECT: | | TOTAL | FUNDING | | | | | |
|-----------------|--------------------------------------------------------|--------------------|------------------|---------------|--------------------|------------------|------------------|------------------|
| X | WATER SYSTEM IMPROVEMENTS | COST | 2009-2010 | SOURCE | 2010-2011 | 2011-2012 | 2012-2013 | 2013-2014 |
| a | Water Source and Well Field Improvements | | | | | | | |
| | 3.)Connection of Well #5 | \$375,000 | 375,000 | BOND | | | | |
| | 4.)SCADA - computer system upgrades | \$200,000 | | | 200,000 | | | |
| b | Water Treatment System Improvements | | | | | | | |
| c | Water Distribution System Improvements | | | | | | | |
| | 1.)Valve Replacement and Installation | \$200,000 | | | 100,000 | | 100,000 | |
| | 2.)Water Main Upgrade (Van Cortlandt Place) | \$200,000 | | | \$200,000 | | | |
| | 3.)Water Main Replacement and Extension (Hunter) | \$300,000 | | | 300,000 | | | |
| | 4.)Water Main Replacement (Farrington) - CDBG | \$350,000 | | | 350,000 | | | |
| | 5.)Replacement of Galvanized Mains-Piney Pnt Arlington | \$750,000 | | | 750,000 | | | |
| X | TOTAL WATER SYSTEM IMPROVEMENTS | \$2,375,000 | \$375,000 | | \$1,900,000 | \$0 | \$100,000 | \$0 |

PROJECT:

| | | | | | | | | |
|------------|------------------------------------------------------------|------------------|------------------|------|------------------|------------------|------------|------------|
| XI. | Sanitary Sewer System Improvements | | | | | | | |
| | 1.)Sanitary Sewer Collection System Rehabilitation | \$400,000 | 200,000 | BOND | | 200,000 | | |
| | 2.)Nordica Sewer Pump Station Phase 2: Pumps and Forcemain | \$400,000 | | | 400,000 | | | |
| | 3. Stevenson Place Manhole Installation | | | | 40,000 | | | |
| XI. | TOTAL SEWER SYSTEM IMPROVEMENTS | \$800,000 | \$200,000 | | \$440,000 | \$200,000 | \$0 | \$0 |

| |
|--------------------------------------------|
| FUNDING SOURCE RECAP FOR 2009-20010 |
|--------------------------------------------|

| | |
|--------------------|-------------------|
| \$1,805,000 | BOND |
| \$32,000 | B.A.N. |
| \$375,000 | Water Fund |
| \$200,000 | Sewer Fund |

CAPITAL IMPROVEMENT PLAN 2009-2010

I. Comprehensive Infrastructure Projects

a. Streets, Sidewalks and Parking Lots

1. **General Road Repairs** - It is recommended that \$100,000 be expended during FY 2009-2010.
2. **Sidewalk Replacement Fund** - Continuation of the sidewalk improvement program.
3. **Curb Replacement** - To replace deteriorated or low curbs that contribute to drainage run-off problems on the Village Streets that may affect private property. The curb replacement program is coordinated with the Sidewalk Program.
4. **2012-2013 - Olcott Ave and Larkin Place Sidewalk Improvements** – The installation of sidewalks on Olcott Ave from Wells Ave to Glen Place and on Larkin Place from Olcott Ave to the PVC middle school.
5. **Train Station Parking Lot Improvements** – Once the construction project has been completed automated pay stations will be installed. This will improve efficiency, increase revenue, and reduce costs. .

b. Stormwater Management Plan The Dvirka & Bartilucci Stormwater study completed in 2003 recommended several improvements to the drainage basins (1-3) below. Other improvements have been recommended by DPW and Engineering

1. **2011-2012 - Brook Street** –Improvements to the Brook Street drainage system as per the Dvirka & Bartilucci Stormwater study are proposed for future years at an estimated additional cost of \$500,000. \$25,000 for the preliminary engineering field and design work to develop the next phase of the storm water improvements was borrowed in fiscal year 2008-09. .
2. **Old Post Road North Storm System Improvements** – Storm drainage system improvements at the intersection of Old Post Road North and Stevenson Place will be installed to improve drainage flow off the road and into an existing culvert opening.
3. **2012-2013 - Albany Post Road Drainage Improvements** - The area between Old Post Road North and Skyview Nursing Home has little or no positive drainage. This area needs a storm drainage system. This would be more desirable than the current situation whereby drainage runoff travels along the roadside in the gutter. This project would involve installation of catch basins and culvert pipe.
4. **Prospect Place Drainage Improvements** – Improvements are being proposed to eliminate the ground water seepage onto the lower portion of Prospect Place.

c. Comprehensive Projects

1. **Elliott Way Road Improvements** – This project would include replacement and extension of the existing culvert and widening and paving the section of road between Senasqua Park and Croton Landing.

**CAPITAL IMPROVEMENT PLAN
2009-2010**

2. **Farrington Road**–The Village has been awarded CDBG funds of \$200,000. The Village had asked for \$350,000 to complete a project expected to total \$700,000. The proposed project includes new sidewalks, curbs and street trees along with infrastructure replacements and upgrades. The \$50,000 for this year will be for survey and engineering design work.

d. Bridges

1. **2010-2011 - Half Moon Bay Bridge Rehabilitation** – Painting and other maintenance will be required.

II. EQUIPMENT other than Fire Dept

2009-10

- a 4X4 Pickup scheduled replacement of fleet #49 1997 48,987.
- b 25 CY Sanitation Truck (1) replacement of Packer #16 1998 11,990 Hours

2010-11

Scheduled replacement of 4X4 pickup truck.

2011-12

Scheduled replacement of s4X4 pickup truck
Scheduled replacement of 4X4 Lo-Boy
Replacement of Brush Chipper.

2012-13

Scheduled replacement of 4X4 pickup truck.
Scheduled replacement of 25 CY Sanitation Truck

2013-14

Scheduled replacement of 4X4 pickup truck
Scheduled replacement of 4X4 Lo-Boy
Scheduled replacement of pool car

**CAPITAL IMPROVEMENT PLAN
2009-2010**

III. FIRE DEPARTMENT

- a **Cascade system for refilling SCBA bottles** This is a replacement for a system that was purchased in 1989 that is becoming more difficult and more costly to maintain as parts become less available.
- b **2010-2011 Chief's car replacement** - This is a replacement vehicle for one of 2 vehicles purchased in 2001.
- c **2010-2011 Thermal Imaging Cameras** - We currently operate with Thermal Imaging Cameras on Rescue 18 and Engine 119. Adding imagers on Engines 118 and 120 and Tower Ladder 44 would allow each Company to operate autonomously in the event of multiple incidents as often happens during major weather events.
- d **2010-2011 Grand Street Apron Repair** – LynStaar has provided the Village with a conceptual cost estimate of \$169,440 for the replacement and repair of the Grand Street Apron. The poor condition of the concrete apron in the front is causing the ladder truck to scrape on the concrete.
- e **2010-2011 – Tanker 10 Replacement** - This is a replacement for a vehicle purchased in Jan. of 1989 which is reaching a projected life expectancy of 20 yrs. It must also be mentioned that major work was performed on this apparatus as the result of an accident in 2003 & there has since been issues with the quality of the work provided at that time.

IV. Emergency Medical Service

- a. **2010-2011 Ambulance Headquarters** -
- b. **2013-2014 - Duty EMT Vehicle** - We are requesting the purchase of an Officer's vehicle. The purpose of this vehicle is to be used by officers/supervisors for meetings, events, emergency calls.

V. Police Department

CAPITAL IMPROVEMENT PLAN 2009-2010

- a. \$75,000 will be for the plans and specifications of renovating and expanding the Police Headquarters. The actual construction will begin the following fiscal year.

VI. Municipal Garage

- a. Purchase of 1A Croton Point Avenue. If the Village decides to purchase a portion of 1A Croton Point Avenue with Metro North it is estimated that the share owed by the Village will be \$2,500,000. The cost of building a new Municipal Garage & Office is estimated to be approximately \$2,500,000.

VII. Municipal Building Renovations

a Exterior surface repairs and maintenance

The brick mortar joints on the building walls and chimneys are in need of repair on many parts of the building; repairs to the roof overhang are also needed.

b 2010-2011 Community Room, Kitchen, and entry way renovations

VIII. RECREATION

a Silver Lake Dam Repair

b Engineering study for Yacht Club and Senasqua Boat Basin – engineering design plans to rehabilitate the bulk head, remove or cap the old barges, improve drainage at the Yacht Club and repair of the dock at the Senasqua Boat Basin

c 2010-2011 - Duck Pond Improvements. New Playground to replace existing playground. Add signage, benches, plantings, path on south side.

d 2012-2013- Silver Lake Park Improvements - Design and construct path from pavilion to park, currently unsafe and eroded

e 2011-2012 – AWD Car to replace Ford Taurus wagon

f 2011-2012 – Vassallo Park - Add picnic tables, benches, waste containers, and plantings.

g 2013-2014 – Dobbs Park. New playground to replace existing one

h 2012-2013 - Black Rock - create picnic area with rest room and pavilion. **2013 – 2014** - improve parking area with item 4.

IX. PLANNING INITIATIVES

CAPITAL IMPROVEMENT PLAN 2009-2010

- a. Planning Studies** – the Village intends to continue the work which began in the Harmon area and explore zoning options for the other commercial areas in the Village as well as feasibility plans for Village owned property.
- b. Traffic/Engineering Study** – The intersection by the dummy light at Old Post Road South and Grand Street and the intersection of Old Post Road North and Grand Street are problematic areas. We would like to request proposals for a Traffic/Engineering study which would make recommendations for improvements at these two intersections.
- c. Croton-Harmon Train Station Parking Structure studies** – the Village intends to undertake two studies, one for the feasibility and conceptual development of a parking structure and the second for construction design development and financing.
- d. Comprehensive Plan Phase 3 Zoning Updates** – The Comprehensive Plan recommended a number of zoning changes which have not yet been implemented. This work should be completed in the 2009-2010 fiscal year.
- e Engineering Costs for implementation of TEP Grant** – The Village is responsible for 20% of the costs of this project. This represents the engineering design costs.
- f Recycling/Garbage pickup study** – The Village would like to undertake a study to see if the efficiency of the garbage and recycling pickup could be increased

X. WATER SYSTEM IMPROVEMENTS

a. Water Source and Well Field Improvements

- 1. Connection of Well #5** - The next phase will be the connection of the new well to the distribution and installation of a disinfection system for the well.
- 2 SCADA - computer system upgrades**

b Water Treatment System Improvements

- 1. Corrosion Control – Implementation**

c. Water Distribution System Improvements

- 1. 2010-2011 - Valve Replacement and Installation** – Old valves in the water distribution system need to be replaced with new valves. This will be an ongoing project.
- 2. 2010-2011 - Water Main Upgrade (Van Cortland Place)** - Currently there are two water mains that “dead end” on Van Cortland Place. This project would connect the two dead ends and create a loop in the water distribution system. This loop will greatly increase the quality and pressure of water service in that area, as well as have a positive incremental effect on the rest of the Village’s water system.

CAPITAL IMPROVEMENT PLAN 2009-2010

- 3. 2010-2011 - Water Main Replacement (Hunter)** To address increasing brown water problems in this area this project will extend the existing dead end water main on Hunter Place to connect to the water mains on Old Post Road North creating a loop and providing better water quality and flow in this area. This work will be coordinated with any CDBG streetscape improvements; see I(d)(4) above.
- 4. 2010-2011 - Water Main Replacement (Farrington Road)** - The water mains on these streets are approaching 110 years of age and should be replaced. This work will be coordinated with any CDBG streetscape improvements; see I(d)(3) above.
- 5. 2010-2011 - Replacement of Old Galvanized Mains** – Sections of the Village’s water system are made up of galvanized and pit cast mains. The purpose of this project is to replace the old lines with new cement lined ductile iron pipe. This phase would replace the water mains on Piney Point, Arlington Drive, Franklin Avenue and the southern portion of Cleveland Drive.

XI Sanitary Sewer System Improvements

- 1. Sanitary Sewer Collection System Rehabilitation** - Sections of the Village’s sanitary sewer system are over 70 years old. Rehabilitation of the sanitary system was begun a few years ago. The new trenchless technology affords the opportunity to rehabilitate the sewer lines without excavating. This state of the art method adds structural strength to the existing sewer mains and will extend the life of the sewer mains for many years. This project also includes rehabilitation of sanitary sewer manholes. Some of the streets where the sanitary sewer mains have been rehabilitated are Old Post Road North, Stevenson Place, Palmer Avenue and Grand Street. Future projects include completing Grand Street, Van Wyck Street, Old Post Road North & South. Closed circuit television inspection of the exiting sewer pipes will also be conducted.
- 2. 2010-2011 - Nordica Sewer Pump Station Phase 2: Pumps and Forcemain** – Replacement of the existing sewage pumps with submersible dry well pumps, replacement of old valves and relocation of force main discharge location to lower system pumping head.
- 3. 2010-2011 - Stevenson Place Manhole Installation** - Installation of a sanitary sewer system manhole on Stevenson Place at a pipe junction that currently has no sewer manhole.