



Village of Hastings-on-Hudson Capital Budget Plan Fiscal 23-24 to Fiscal 27-28

September 19, 2023
Submitted
Mary Beth Murphy
Village Manager

Adopted 09.19.2023



VILLAGE OF HASTINGS-ON-HUDSON
Municipal Building
7 Maple Avenue
Hastings-on-Hudson, New York 10706

September 18, 2023

Dear Mayor Armacost and Trustees

Within please find a Five-Year Capital Plan for improvements to Village facilities and purchase of capital equipment as amended after review and comment from the Board of Trustees.. The plan has been developed with a view toward both the immediate and medium-term needs of the Village and the funding available in the form of Assigned Capital Fund, Assigned Parks Fund, Unassigned Fund Balance, ARPA funds, grants and financing availability in accordance with the Village's Debt policy.

As can be seen in the appended spreadsheet the Village has allocated ARPA funds, Assigned Parks Capital Funds and Assigned General Capital Funds as well as grants and other resources to projects completed in 22-23 and currently in progress in varying amounts as necessary. There remains approximately \$170,000 in Assigned Capital and a healthy Undesignated Fund Balance of \$3,934,513 as of May.31,2022. Since that date the Board has added to the Assigned Capital for P&R in the amount of \$200,000 and Assigned Capital in the amount of \$400,000. The Board has also dedicated up to \$150,000 to the Pool Fund.

Even if the Village were to experience no unassigned fund balance growth in Fiscal Year ending May 31, 2023 which is unlikely based on our unaudited records, it should still have \$3,184,513 in fund balance, a healthy amount which well exceeds the minimum set by the Board. The Fund Balance Policy can be found [here](#). Also, as the Board is aware, the borrowing for capital projects done by the Village in 2021 was strategically planned to capture interest rates at historic lows and slightly exceeded the Village's policy cap on debt, although it did not even approach the Village's formal debt ceiling mandated by law. As you can see from Appendix C, the Village's General Fund debt payments will reduce by approximately \$400,000 in FY 25-26 and another \$400,000 in FY 26-27. For this reason, prior to fiscal year 2025-2026 capital expenses are recommended to be paid from Assigned Fund Balance and Unassigned Fund Balance to the extent not covered by other grants, Federal, or State funds for the current and next fiscal years (23-24 and 24-25). The Plan recommends financing through bond anticipation notes in the later years and continued evaluation of the bond market to consider capital financing approaches as are in the best fiscal interest of the Village. The Board may also wish to consider adding funds to assigned capital from unassigned fund balance for projects that are firm. There are several projects for which we await confirmation on whether we will receive a grant that are included in this plan to make provision for the potential need for a match. It should also be noted that several of the projects are expected to span multiple fiscal years.



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The Five-Year Capital Plan includes \$18,447,486 in capital projects and equipment and includes FY2022 projects. A high-level summary of the plan is provided below.

Hastings-on-Hudson 2022-2028 Capital Plan Projects

Amount	Funding Source	Purpose
\$ 1,858,737	Existing Bond	sidewalks, Library roof and stucco, Village Hall roof, parapet and windows, paving and curbing, and H&L truck room floor.
\$ 4,177,500	Proposed BAN	VH windows, interior plaster, patrol & parks vehicles, paving & curbing, carpeting, DPW & FD vehicles
\$ 4,718,764	Grants	sidewalks, Village planning & code changes, Library roof, software and WiFi, geothermal HVAC, ecology, stormwater, PD vehicle, shoreline stabilization
\$ 790,892	Assigned Capital	PD vehicles & equipment, website upgrade, CPU/LWRP planning, security, VH and park improvements
\$ 295,000	Assigned Parks Capital	Uniontown basketball, pickleball and drainage improvements, skatepark, MacEachron erosion stabilization
\$ 805,433	ARPA	Sidewalk engineering, pool leak detection and repair, VH roof, Quarry Park fence
\$ 1,953,920	FEMA	Hillside storm repair, Quarry Park trail and pool
\$ 1,879,420	Unassigned Fund Balance	Paving & curbing, sidewalks, MacEachron potential grant match
\$ 100,000	Library Fund Balance	Carpeting
\$ 700,891	Rebates	VH geothermal, vehicles
\$ 295,158	Assigned Film Fees	sidewalks
\$ 23,037	Operational	Stretch to Zero, PD equipment
\$ 901,427	Other	VH vehicle charging (ConEd Make Ready) Draper fund, (Ambulance and FD Chief vehicles (Ambulance billing), Skate Park (Rivertown Skate fundraising), Quarry Park Fence(Dedicated fund)

General Village wide projects include the update and adoption of a Green Code, Adoption of a Stretch to Zero Code, website upgrade, and sidewalks.

Projects for Village Hall include a Geothermal and Heat Pump and Library Solar project to address heating and cooling needs for the 7 Maple Ave. campus, roof replacement, window restoration, and various safety and security improvements.

Recommended for the Police Department are new patrol cars, safety and other equipment, and an electric Parking Enforcement Officer vehicle.

The Parks and Recreation Department plans for fencing and ecological restoration in Hillside Woods, an electric vehicle, dog park, skate park, and Zinsser Garden improvements.



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The Department of Public Works is focused on paving and curbing and equipment including an asphalt heater that will allow for potholes to be filled in colder temperatures as well as in later years, a sanitation truck and a front loader to replace aging vehicles.

The Fire Department is exploring solar panels for Protection Engine Company No. #1 to reduce electricity expenses. In addition, they are looking to acquire two new Chief's vehicles, a pumper, and an ambulance. A meeting was recently held with the Fire Chief to advance the Ambulance billing project to help pay for some of the capital expenses and another meeting is being scheduled with the Ambulance Corp. It is hoped that ambulance billing can begin this fiscal year.

The library looks to rethink how it delivers services in terms of technology access and the physical reorganization that it will require of the interior of the building as well as necessary interior and exterior refurbishments.

These projects, equipment, and improvements will allow the Village to continue to deliver and to provide enhanced services to residents.

Respectfully,

A handwritten signature in cursive script that reads "Mary Beth Murphy".

Mary Beth Murphy
Village Manager

GENERAL VILLAGE 2023-2024

Green Code.... \$55,000

Hastings-on-Hudson has retained Newport Ventures to assist with the revision of the Green Code for newly constructed buildings or large (>50%) additions being constructed in the Village. Newport is working with the Village to review the current Green Building Code and draft a revised Green Building Code that results in more sustainable building practices, and a more resilient community. In addition, the Code will be harmonized with NYStretch 2020 and the Stretch to Zero Pilot Program standards, as well as the new “All Electric Buildings Law” adopted by New York State which prohibits the installation of fossil fuel equipment and building systems in a phased in timeframe. The prohibition starts in 2026 for new buildings up to 7 stories tall, except for commercial and industrial buildings larger than 100,000 square feet. In 2029, new buildings of all sizes—aside from the exemptions for certain uses listed in the bill—must be built without fossil fuel equipment.

The estimated cost for this work is \$55,000 (this includes \$45,000 for the contract with Newport Ventures and \$10,000 for any potential miscellaneous or legal review expenses). It is recommended that this be funded using the NYSERDA Third-Party Compliance grant as there is no specific cost associated with Third-Party Compliance.

Stretch to Zero.... \$15,000

Hastings-on-Hudson was selected to participate in the Stretch to Zero Pilot Program. The original intent was for the Village to work closely with NYSERDA and other participating municipalities on planning, adopting, and implementing a zero on-site greenhouse gas emissions code by December 2024. This process changes a bit with the States adoption of the All Electric Buildings Law. Through the process, the Village will benefit from technical support from NYSERDA as well as learning from the other participants and will contribute by sharing information. Through this pilot process, obstacles to local implementation will be identified and tools and best practices developed. These efforts will support potential future local and statewide implementation of the zero on-site greenhouse gas emissions code to help New York State meet the goals of the Climate Leadership and Community Protection Act.

While the Village has received substantial grant funding for this project, this line item of \$15,000 is intended to cover incidental costs to this project for legal review or other miscellaneous items that can be absorbed in the operational budget.

Website upgrade.... \$50,131

The Village website needs an upgrade that will allow for more flexibility in design, is easy for residents to navigate and is visually appealing. The timing is ideal for this project because Civic Plus is moving to a new operating system and the Village will be compelled to adopt that new system when it is instituted. The result will be a more attractive newsletter and a redesigned webpage that exceeds our current capabilities. The estimated cost for this work is \$50,131 and can be paid from Assigned Capital.

Sidewalk: Broadway.... \$981,744

The Village successfully applied for a grant from the NYS Transportation Alternative Program (TAP) to install a “bridge sidewalk” on the west side of Broadway from Washington Ave to 445 Broadway. Thereafter the State included the sidewalk in the repaving project on Broadway that will be implemented in 2023. The Village was successful in amending the grant to allocate the funds to the east side of Broadway and will install a new sidewalk from the path into the Burke Estate just south of 400 Broadway to Devon Way. The grant has a 20% match.

The total estimated cost for this project is \$981,744: \$785,395 will be paid with the TAP grant and \$196,349 will be paid with funds already bonded for sidewalks.

Wi-Fi in Downtown.... \$175,260

The Village was awarded \$175,260 in CDBG-CV funding from the County to provide municipal Wi-Fi in the Village downtown area, particularly along Main Street and Warburton Avenue. The project consists of installing fiber cables connected to the Municipal Building, Protection Engine Co. No. 1, and the James Harmon Community Center, as well as along the telephone poles on the outskirts of the downtown and other access points. Hardwired access points will be strategically placed to connect to wireless access points mounted on the decorative streetlamps, creating a mesh network. This will provide wireless internet access in the areas immediately adjacent to the decorative streetlamps, as well as via limited penetration to the apartments above the storefronts. The project is expandable by nature to additional areas by adding additional fiber and access points.

The estimated cost of this project will be paid with the CDBG grant in the amount of \$175,260.

CPU/LWRP.... \$243,427

The Village is working on an update to the Comprehensive Plan and a Local Waterfront Revitalization Plan (LWRP) with the guidance of our consultant, MJ Engineering. A committee was appointed and has been meeting monthly since May 2022. Progress has been made with multiple public workshops, a Village wide survey and draft vision plan. We expect draft portions of the documents to be available in September 2023 for review.

The estimated cost of this project is \$243,427 and will be paid with grant funds in the amount of \$189,236 and Assigned Capital of \$54,191 for the various matches associated with the grants.

Building Dept. Software...\$75,000

The Building Department is in the process of updating its permitting software as the current software is no longer supported by our current provider. The new software is being customized to make for a more seamless on-line process for users.

The project is funded with a NYSERDA grant for \$75,000.

GENERAL VILLAGE 2024-2025

Warburton Sidewalk: Spring to Villard.... \$445,000

The Village received a CDBG grant to install new sidewalks on the west side of Warburton Ave from Spring Street to Villard. Federal funding to the County has been held up and this project has been delayed for 1 year to the summer of 2024. The engineering project management oversight of the project is estimated at \$45,000 and the construction is estimated at \$400,000.

The estimated cost for this project is \$445,000: \$200,000 will be paid with the CDBG grant, \$90,000 will be paid with funds bonded for sidewalks, \$117,158 will be paid with film fees and \$37,842 from unassigned fund balance.

GENERAL VILLAGE 2025-2026

Spring Street Sidewalks \$437,000

The Village received a CDBG grant to install new sidewalks on Spring Street. It is expected to be constructed in the summer of 2025. The engineering project management oversight of the project is estimated at \$45,000 and the construction is estimated at \$392,000.

The estimated cost for this project is \$437,000: \$196,000 will be paid with the CDBG grant, \$241,000 will be paid with Unassigned Fund Balance.

VILLAGE HALL 2023-2024

Improvements to the HVAC systems/Geothermal, Solar

The Village has conducted a Geothermal and Heat Pump Feasibility Assessment of the Village Hall and Library, which has resulted in a report outlining the system options, constraints, costs and benefits, opinion of probable costs (high/low estimates), and opinion of probable energy savings (high/low estimates). This report recommends an implementation strategy of a geothermal well-field and solar panels on the Library roof. The consultant is currently preparing an addendum to address a backup energy source (generator; solar) and other information including the next steps, phasing, and method of proceeding.

The Village currently has a federal grant in the amount of \$750,000, NYSERDA grants in the amount of \$115,000 and \$500,000, as well as a Library chiller grant of \$173,125 available to fund this project. In addition, the Inflation Reduction Act provides for a 30% rebate which amounts to \$683,891 (it is possible this could increase to 40% but it has been estimated conservatively). Because this project is in its infancy, there may be other

costs related to hazardous materials (i.e. asbestos), carpentry and restoration work that are not yet entirely quantifiable (these will likely be covered under “general conditions”).

Village Hall Roof Replacement ...\$880,145

The Village has accepted a bid in the amount of \$803,300 for the full roof replacement and select masonry restoration of the Village Hall roof. The scope of work is detailed in the contract and bid documents and includes asbestos abatement, removal of lead-based paint, removal and disposal of existing roofing, drains, stucco coating, roof hatch and ladder; scarification and repair of structural slab, rebuild of parapet and brick masonry; removal and reinstallation of existing cast stone coping; installation of new Kemper cold-fluid applied roofing membrane system and flashing. Additional cost includes the architect evaluation, design, bid and construction in the amount of \$76,845 (includes evaluation design and bid for windows). Antennas and other cellular communication and electrical equipment are located on the roof and must be temporarily relocated for the work to commence. We have retained Cityscape consultants to assist with negotiating the removal and reinstallation of this equipment in a manner that provides more visual screening and does not compromise the integrity of the roof.

The Village bonded \$358,583 to pay for Village Hall repairs. We plan to allocate ARPA funds to cover the remaining \$521,562. The cost of removal, temporary relocation, and replacement of the antennas on the Village Hall roof will be covered by an abatement in rent for a period. Cityscape will assist in these negotiations.

Electric Vehicle Charging Station...\$110,000

The Village currently owns 3 fully electric vehicles and plans to install 5 charging stations to upgrade the current charging process. PRM Electric won the bid for installation in the amount of \$83,100. The work includes the installation of posts, bollards, conduit, wiring, and electric vehicle charging stations, and installation of upgraded electric service to the Municipal Building for use by the Village's electric vehicle fleet. Additional costs associated with the engineering drawings prepared for the bid (\$10,000), the charging stations themselves (\$5,000), and the engineering for the new power supply from Con Ed will be incurred.

The estimated cost for this work is \$110,000. The Village has applied for and been accepted into the Con Ed Make Ready program which will cover 90% of most costs incurred and has received a grant from then Assemblyman Tom Abinanti for \$25,000 which should cover the Village's 10% and charging stations.

Replace Storm Drain Piping in Basement.... \$13,000.00

In conjunction with running the power from the front to the back of the building for the charging stations, the Village will repair the original horizontal branch of the roof storm drains (almost 100 years old) that run from the west end of the basement to the east, where it then pipes into the subterranean system. The pipe is leaking and must be replaced, and prior repairs have been attempted unsuccessfully. Since the contractor is

working in this portion of the building, it makes sense to do this work now. A portion of the drain is encapsulated in a ceiling that must be cut open for access; the remainder is visible below the ceiling in the basement. The ceiling has also been repaired several times and will need to be repaired again after the leaks are permanently fixed.

The estimated cost for this work is \$13,000 to be paid from Assigned Capital Fund.

Keyless Entry Systems.... \$55,000

The FOB entrance system (keyless entry) for the Municipal Building needs replacement. The system is obsolete and can no longer be repaired because the parts are becoming unavailable. An upgraded system will allow all entrances to be easily tracked and monitored with new computer software. This will aid in employee safety, building security, and accountability of users. User access can be customized to buildings, rooms, and times of access. The Village will also be able to pre-program certain doors to be locked or unlocked at pre-determined times, such as during events or general usage.

The estimated cost for a new keyless entry system is \$55,000 and can be paid from the Assigned Capital Fund.

VILLAGE HALL 2024-2025

Windows... \$200,000

The Village has previously gone to bid for this project; however, the cost was so high that the bid was re-drafted so that the work can be done in phases. This first tranche of work will inform future capital budget needs to complete the work but, based on the original bid that the Village received in the amount of \$1,050,000, windows have been included as a capital project in multiple future years.

The Village previously bonded \$200,000 for this project and this amount will be used in 2024-2025.

Restore/Repair/Rebuild front patio bluestone.... \$60,000.00

The patio at the front entrance to the municipal building is cracked and in disrepair and requires restoration for safety purposes as well as beautification as it is a major part of the “gateway” to this building.

The estimated cost for restoration of the Patio Bluestone is \$60,000 and can be paid from Unassigned Fund Balance.

VILLAGE HALL 2025-2026

Windows... \$200,000

The Village has previously gone to bid for this project; however the cost was so high that it was determined to re-draft the bid such that the work can be done in phases. The bid specifications have been re-drafted.

The estimated cost for phased restoration of the windows is \$200,000 and can be paid from a future Bond Anticipation Note.

Plaster and Molding Repairs.... \$100,000.00

Many interior plaster walls and plaster cast moldings need to be repaired and/or rebuilt and painted after the completion of the roof and parapet work. The water leaks have caused substantial amounts of damage throughout the entire building. Finding an artisan to repair these moldings may be challenging. The total cost is difficult to estimate. It is recommended that the Village complete this work in phases with the most visible and damaged portions first. Again, this first tranche of work will inform future capital budget needs to complete the work.

The estimated cost for beginning this work is \$100,000 and can be paid from a future Bond Anticipation Note.

VILLAGE HALL 2026-2027

Windows... \$200,000

The Village has previously gone to bid for this project; however the cost was so high that it was determined to re-draft the bid such that the work can be done in phases. The bid specifications have been re-drafted.

The estimated cost for phased restoration of the windows is \$200,000 and can be paid from a Bond Anticipation Note.

First Floor Carpets... \$40,000

The carpets in the Clerk's, Building and Copy offices need replacement. They are worn out from pedestrian and desk use. All furniture will have to be moved out and back when the work is done.

The estimated cost for removal and replacement of the carpeting is \$40,000 and can be paid from a future Bond Anticipation Note.

VILLAGE HALL 2027-2028

Windows... \$200,000

The Village has previously gone to bid for this project; however, the cost was so high that it was determined to re-draft the bid such that the work can be done in phases. The bid specifications have been re-drafted. This first tranche of work will inform future capital budget needs to complete the work.

The estimated cost for restoration of the windows is \$200,000 and can be paid from a future Bond Anticipation Note.

VILLAGE HALL FUTURE NEEDS

Windows... \$400,000

The Village has previously gone to bid for this project; however, the cost was so high that the bid was re-drafted to do the work in phases. The bid specifications have been re-drafted. This first tranche of work will inform future capital budget needs to complete the work.

The estimated cost for continued restoration of the windows is \$400,000 and can be paid from a future Bond Anticipation Note.

Reconfiguration of Hallway for Police Access... \$20,000.00

Reconfiguring a small portion of our main public area on the first floor to encompass the basement stairs into the Police Department space will save the police from having to exit into the common space and then re-descend into a secure space from the original secured space on the main floor to go to their lockers, shooting range, evidence room and other police areas. They would be unseen by the public coming on and off shift.

The estimated cost for renovation to the police barracks is \$20,000 and can be financed or paid from fund balance.

New Cameras & Security Systems.... \$50,000.00

We are in need of updated and additional cameras, hardware and software in the Municipal Building and JHCC for security. The Library along with the parking lots should also be outfitted with cameras.

The estimated cost for the new cameras and security system is \$50,000 and can be financed or paid from Unassigned Fund Balance.

Bulletproof Court Clerk's Office.... \$24,000.00

Several years ago, the Village bulletproofed a portion of the Court Clerk's office with a grant. The wall to the Court room is not bulletproofed. Should it be deemed prudent to bulletproof this wall the BOT should consider a methodology that will protect the integrity of the wood and look of the Courtroom.

The estimated cost for renovation to the Court Clerk's office is \$24,000. A grant can be explored for this work.

POLICE DEPARTMENT 2023-2024

Patrol Car...\$83,000

The Police Department requested the purchase of two new electric patrol vehicles. Cars recommended by PD for replacement include Patrol Car # (307) a 2016 Ford Explorer with 104,597 miles and Patrol Car # (309) a 2015 Ford Explorer with 92,872 miles. Police vehicles must tolerate more extreme use than ordinary vehicles, including being pushed to the limits of performance or cruising along at low speeds as the officer patrols a

neighborhood. A police car performs under the relentless summer sun and in the depths of winter nights and is often switched from idle to action in a split second. These 2 vehicles have the highest repair costs at \$6,708 and \$4,739 annually, respectively.

The Village will purchase two patrol vehicles for delivery in fiscal 2023-2024 year of makes and models that are satisfactory to the PD and BOT. There is a strong preference for one fully electric and one plug in hybrid.

The electric vehicle market is evolving, Chevy Blazers suitable for police work are expected to begin manufacture in early 2024.

The cost of each patrol car with outfitting is estimated at \$83,000 for a total of \$166,000 and can be funded with the insurance recovery on the Mache E of \$63,000 and the assigned capital fund for any outfitting that cannot be repurposed from the Mach E that was totaled and unassigned fund balance.

PEO Vehicle.... \$26,708

The PEO vehicle is a 2008 Ford Focus with 53,680 miles. This is an ideal opportunity to replace a combustion engine vehicle with a no emission electric vehicle. A 2023 all electric Chevrolet Bolt on State bid is \$26,708.

The estimated cost for this vehicle is \$26,708. A rebate in the amount of \$2,000 is available from NYSERDA. The remainder of the cost can be paid from Assigned Capital Fund Balance. We can also sell the existing vehicle to offset the cost of the new vehicle.

Speed Alert 24 Message Trailer.... \$17,522

A Speed Alert 24 Radar Message Sign has a 28 x 60 display; Radar; Message Board – (3-line with 12 characters per line) and can store up to 25 pre-programmed messages which can be speed dependent. It has a camera, GPS, and can generate reports on data collected by wireless access. The Board is smaller than our current message Board, can be programed remotely, and trailered to relocate, rather than being transported in the back of a truck.

The estimated cost for this equipment is \$17,522 and can be paid from Assigned Capital Fund Balance.

Bulletproof Vests... \$6,300

The Village of Hastings-on-Hudson Police Department requires 9 bulletproof vests for officers whose vests are expiring this year. Bulletproof vests have a life expectancy of five years. This short period is the direct result of fibers breaking down over time which causes them to lose their ability to perform as expected. Although many recent hires have recently received new vests, 9 of our officers are due for replacements this year. Vests cost \$1,400 each and the PD has obtained a grant to cover half the cost. Moving forward, this expense will be included in the operational budget.

The Village cost for 9 vests is \$6,300 and can be absorbed in the operational budget.

POLICE DEPARTMENT 2024-2025

Patrol Car.... \$90,000

It is recommended to replace Patrol Car # (309) a 2015 Ford Explorer with 92,872 miles, with an electric Chevy Blazer vehicle which is expected to be available in 2024 for police patrol work.

The estimated cost for this vehicle with outfitting is approximately \$90,000. It is recommended that the Village fund the automobile through unassigned fund balance.

Motorcycle...\$36,000

The PD has indicated that the motorcycles in the fleet are at the end of their useful life.

Motorcycle 201 is a 2007 Harley Davidson with 26,269 miles.

Motorcycle 202 is a 2007 Harley Davidson with 29,813 miles.

Motorcycle 203 is a 2012 Harley Davidson with 13,079 miles.

The Department sought and obtained a grant to replace the motorcycles.

The estimated cost of three motorcycles is \$107,000 and can be funded through the grant.

Records Management System.... \$63,000

In 2014, the Department purchased the Police Impact Records Management System. This company was sold in 2019, and the current owner, Central Square Technologies, has informed the Chief that the Police Impact System will no longer be available after 2025. Therefore, PD has started to obtain prices from different vendors. For example: Central Square Technology Police suite initial cost = \$112,244.00 plus \$50,183 annual maintenance / subscription fee. This will impact both the capital and operational budget.

The initial cost for this project of approximately \$63,000 and can be paid from Unassigned Fund Balance.

Police Lockers and Locker Rooms.... \$20,000.00

Refurbishing the Police locker rooms is required to make use of the unused space above and/or below the current lockers. Currently each police officer needs two of the existing small lockers to house all their gear and clothes. The lockers will be replaced with one larger locker which will allow more lockers to fit into the same footprint. We have currently outgrown the existing locker room and some officers have lockers in different parts of the basement. In addition, the female locker room is in need of expansion.

The estimated cost for removal and replacement of the lockers is \$20,000 and can be paid from Unassigned Fund Balance.

POLICE DEPARTMENT 2025-2026

Patrol Car.... \$90,000

It is recommended to replace Patrol Car # (308) a 2016 Ford Explorer currently with 98,947 miles with an electric vehicle that is suitable for police work for all officers.

The estimated cost for this vehicle with outfitting is \$90,000 and can be paid from a future Bond Anticipation Note.

POLICE DEPARTMENT 2026-2027

Patrol Car.... \$90,000

It is recommended to replace Patrol Car # (306) a 2019 Chevy Tahoe currently with 69,655 miles with an electric vehicle that is suitable for police work for all officers. By this time a new generator (part of the Village Hall Geothermal project) with capacity to charge all vehicles during a power outage should be in place.

The estimated cost for this vehicle with outfitting is \$90,000 and can be paid from a future Bond Anticipation Note

POLICE DEPARTMENT 2027-2028

Patrol Car.... \$90,000

It is recommended to replace Patrol Car # (310) a 2019 Chevy Tahoe currently with 60,934 miles with an electric vehicle that is suitable for police work for all officers.

The estimated cost for this vehicle with outfitting is \$90,000 and can be paid from a future Bond Anticipation Note.

POLICE DEPARTMENT FUTURE NEEDS

Patrol Car.... \$90,000

It is anticipated that new patrol cars will be needed on at least a bi-annual basis.

The estimated cost for this vehicle with outfitting is \$90,000

Radios...\$120,000

Police Department Radios are currently in good working order. However, as technology continues to change, new radios may be needed.

The exact cost for new radios is not known, but it is expected to be approximately \$120,000.

Handguns

The current Department handguns (Glocks G22 & LE 23) were purchased in 2014 and may be required to be replaced. Department Policy States that during January of every calendar year, the authorized firearm will be examined by a Department Armorer or certified Gunsmith, and any necessary maintenance will be performed. If the authorized firearm requires replacement, a committee consisting of the Chief of Police, the Patrol Division Commander, and the Department Armorer will search for a replacement firearm and submit the finding to the Board of Trustees for approval. The Department is hopeful that by following the procedure listed above, the life expectancy of the Glock handguns will be extended.

The estimated cost for this equipment is \$11,000.

PARKS & RECREATION 2023-2024

Hillside Woods Fencing and Ecological Restoration... \$350,000

This is an ongoing project emanating from the Hillside Woods and Park Inventory and Urban Forest Management Plan developed in 2019 to restore the forest. Over the last few years there have been numerous efforts by volunteers to remove invasives and plant trees protected by tubes from deer over browsing. Currently a deer fencing enclosure of approximately 30 acres is being installed to keep deer out of a significant portion of the woods. This will be followed by removal of invasives in the enclosure and planting of native trees, shrubs, and flora. This project will likely continue to be underway in 2024-2025 and beyond.

This cost for this project is funded by two grants: \$250,000 DASNY grant obtained through the offices of then Assemblyman Tom Abinanti and a \$100,000 grant obtained through the offices of then Westchester County Legislator MaryJane Shimsky.

All Terrain Electric Vehicle... \$31,500

The purchase of an electric gator utility vehicle for use in all parks would greatly support efforts to restore Hillside Woods. It would allow for easy transport of water and materials for maintaining the native trees and plants proposed for the site and will make monitoring of the fencing currently being installed much easier. It will assist with clean-up of the woods and could potentially be used to support the Fire Department should medical aid be needed by someone who becomes injured in the woods.

The cost of this vehicle is \$31,510 with a heated cab if purchased by Oct. 31, 2023 and \$34,410 after Oct. 31, 2023. The cost without a heated cab is \$24,760 if purchased by Oct. 31, 2023 and \$27,660 after Oct. 31, 2023

The cost of \$31,510 is proposed to be funded by Assigned Capital Fund Balance.

Draper Park Landscaping and Historical Society Building Improvements... \$19,655

The Parks Department will make cosmetic improvements to the park including landscaping, new benches, and maintenance to the Historical Society Building including painting, window repair and exterior and interior brick work. The Doll House also needs restoration including painting and carpentry.

The cost of this project is anticipated to be \$19,655 and will be funded from the Draper Park Fund and the Historical Society.

Quarry Park Fence... \$85,000

A fence needs to be installed to keep deer out of Quarry Park. This will also allow the fencing currently protecting the rose bushes and the newly planted trees to be removed.

The estimated cost for this work is \$85,000 and can be paid from ARPA funds and the remainder of the dedicated Quarry Fund.

Dog Park...\$100,000

The Village has been searching for a location for a dog park for several years and all known potential locations have been evaluated. Most recently P&R has identified Graham Park just west of the OCA and north of the driveway to the Graham School. The Parks and Recreation Commission plans to recommend this new location to the Board of Trustees in the near future.

It is estimated that the cost of clearing and necessary improvements for the dog park will be approximately \$100,000 and can be paid from the Assigned Capital Fund Balance.

Park and Street Tree Inventory...\$21,525

The Village has applied for an Urban Forestry grant to inventory the remainder of the trees in parks and on streets in the Village and add them to the existing inventory software.

The cost for this project is \$21,525 and the plan is to obtain a grant to cover these costs.

PARKS & RECREATION 2024-2025

Skate Park... \$500,000

This project was initiated by a group of children in the Village who are passionate about skating. They have advocated for the park for several years and have received the promise of a donation of land from the Schol District in the Burke Estate and the promise of a contribution of \$150,000 from the Village if they can raise the remainder of the funds to build the park. HOH Skate, now called Rivertown Skate, has been holding fundraisers to reach their goal. To effectuate the transfer of the parcel on the Burke Estate to the Village, HOH Skate is working on obtaining a subdivision map that clearly identifies the land being transferred.

The cost of this project is anticipated to be approximately \$500,000 and will be funded from multiple sources including \$150,000 from the Parks Assigned Capital Fund Balance, private donations and possibly grants.

JHCC Window Treatments.... \$10,000

The window treatments in the main room are continuously breaking and requiring repair because they are pull chain shades. The plan is to replace them with a more modern system for raising and lowering the blinds.

The cost of this project is estimated at \$10,000 and is proposed to be funded by the Assigned Capital Fund Balance.

MacEachron Park... \$1,221,578

Erosion has long been occurring at MacEachron Park eating away at the shoreline and reducing the usable area of the park. This, combined with the ever-increasing heavy storms, has caused the park to both flood and erode. The Village obtained a grant from the Hudson River Estuary Fund, which was used to hire the Mott MacDonald engineering firm to prepare a design to make the park more resilient. The total project cost is \$3,000,000. The Village has submitted a grant (\$500,000) to begin implementing a long-term solution to address erosion at MacEachron Park, it has a match of \$500,000 and an additional \$221,578 will be required to pay for the first phase of the restoration which includes restoring the southeast portion of the shoreline and building a kayak launch.

The cost will be paid with a grant of \$500,000 and \$721,578 match in Unassigned Fund Balance.

PARKS & RECREATION 2025-2026

Zinsser Park Gardens.... \$10,000

The P&R department plans to add plots to the gardens so more residents can participate. Evaluation of the site for the additional plots revealed that the proposed area may be too wet even for raised beds and should be observed for a period before a decision is made. This project may be implemented earlier if the information gathered suggests that it can be accomplished.

The cost of this project is estimated at \$10,000 and is proposed to be funded by Assigned Capital Fund Balance or alternatively from the Assigned Parks Capital Fund should that fund be increased.

Zinsser Park Garage Roof Replacement... \$15,000

The Zinsser Park Garage is where the Village stores much of its parks equipment, such as the field maintainer for grooming the infield, irrigation system, tiller, blower etc. The 30-year-old roof has been patched multiple times and needs replacement.

The estimated cost for the replacement is \$15,000 and can be funded from the Assigned Capital Fund Balance or alternatively from the Assigned Parks Capital Fund should that fund be increased.

PARKS & RECREATION 2026-2027

Recreation Vehicle.... \$32,500

The P&R vehicle is primarily used to attend to various park needs. The current vehicle is a 2008 Ford Focus with approximately 55,000 miles and it has been regularly maintained. In the future, this could be replaced by an all-electric vehicle such as the Nissan Leaf (cost approximately \$38,000). Rebates have been periodically available, and the Village will make every effort to obtain one for this vehicle to offset the cost.

The cost of \$32,500 can be funded with a future Bond Anticipation Note.

PARKS & RECREATION FUTURE CAPITAL PROJECTS

Zinsser Park Playground Renovation... \$150,000

The playground in Zinsser Park is aging and the Parks Department believes the equipment will need to be replaced in the coming years. Our annual playground inspections indicate that necessary replacement parts are getting more difficult to obtain with each passing year. Also, playground equipment has evolved over the years to be safer and more accessible to children with disabilities and when existing playgrounds are altered, or new ones are built, they must comply with the Americans with Disabilities Act. Playgrounds of today are full of color and variety and include amenities such as climbing walls, nets, walking bridges, speaker devices, and tic-tac-toe activities.

The cost of this project is estimated at \$150,000 and is proposed to be funded by Unassigned Fund Balance. Alternatively, if rates are favorable at this time the Village can consider bonding.

Other

Park & Recreation included a series of other items in their capital needs document including repair Rowley Bridge Extension trail; replace JHCC floor; replace JHCC HVAC if necessary (\$250,000); develop 9A parcel; improve beach and kayak access at Kinnally Cove; dredge Sugar Pond; design and build new pool bathhouse; purchase Senior Van and Parks truck. These items are not yet sufficiently developed or their need is not currently certain to include specifics. We will continue to refine and assess the projects from year to year as the projects are fleshed out and/or the need for them becomes more apparent.

DEPARTMENT OF PUBLIC WORKS 2023-2024

Paving and Curbing

The updated road assessment recommends \$500,000 annually for paving and curbing. Paving of Chemka Pool Rd and the top of Hillside and S. Clinton has been completed. Curbing on Prince, Curry and Ronny is underway. The work above amounts to approximately \$500,000. The DPW Superintendent in conjunction with Hahn Engineering has recommended curbing limited to discreet areas on certain streets to alleviate flooding including Euclid, Flower, Hamilton, Overlook, Lincoln, Clinton and Horner. This additional work estimate is approximately \$225,000.

Paving and Curbing will be funded through the 2021 Bond in the amount of \$500,000 and Unassigned Fund Balance for the additional work in the amount of \$225,000.

Asphalt Heater Box Trailer... \$60,000

This equipment will allow DPW to fill potholes in colder temperatures because asphalt must be hot to effectively fill the potholes. This trailer can be filled at the asphalt plant in the morning and the asphalt will remain usable through the day because it stays hot. It is used with a crew of 4: driver, shoveler, wheelbarrow pusher, and roller.

The estimated cost for this equipment is \$60,000 and can be funded from Assigned Capital Fund Balance.

North Broadway/Zinsser Drainage Study...\$97,500

The Village has applied for a grant to provide the necessary planning and preliminary design to implement a stormwater management system to control flooding of Broadway (Route 9), Riverview Place, Edgars Lane, the Old Croton Aqueduct State Historic Park, and of adjacent private properties. The new stormwater system will be designed with the capacity to convey the 100-year storm event of the future.

The project area is in a 130-acre watershed from Villard Avenue in the south to Main Street, Dobbs Ferry in the north with steep slopes. The existing stormwater infrastructure, some of it dating back close to a hundred years is overwhelmed during even moderate rain events, due to the large size of the watershed, the topography and the ratio of impervious surface. There are an insufficient number of adequately sized catch basins and conveyances. The project will include topographic surveys of Zinsser and Edgars Lane, Broadway, Riverview Place, and the sloped parcels between the Riverview Place cul-de-sac and the Hudson River to identify existing catch basins and pipes. Inspection of select manholes and video analysis of stormwater mains will add to the understanding of the existing system, determining the size, inverts and condition of the piping. If successful in the grant application the study will be funded by a \$75,000 grant and a \$22,500 match from the Assigned Capital Fund Balance.

Fenwick Drainage Study

The Village is applying for a grant from the Westchester Community Foundation to fund a study that will help design a solution to the Fenwick Area Flooding. The project will conduct the necessary planning and preliminary design of drainage improvements to control flooding around Fenwick Road, Branford Road, Ashley Road and on adjacent private properties.

The project will include hydrologic analysis to determine volume of flows from different size rain events, and hydraulic analysis to calculate capacity for pipe sizing. Detailed topographic surveys will identify existing catch basins and pipes, utilities, property lines and elevations, and support feasibility calculations for installation of new drainage. Existing easements will be identified. CCTV inspections will determine size, inverts and condition of existing pipes. Alternative designs will be evaluated. Once the preferred solution is selected, a conceptual design will be developed and submitted to the Department of Health. Upon completion, the project will provide the technical data necessary to submit competitive applications to state and federal grant rounds for funding to construct the project, thus accelerating this important climate adaptation project. The Village anticipates applying to the following grant programs for implementation assistance: NYSDEC Climate Smart Community, NYSDOS Local Waterfront Revitalization Program, and the Westchester County Stormwater Management Law Flood Mitigation.

The estimated cost of this project is still being determined and will be fully funded by the grant.

DEPARTMENT OF PUBLIC WORKS 2024-2025

Paving and Curbing... \$500,000

The updated road assessment recommends \$500,000 annually for paving and curbing.

Paving and Curbing in the amount of \$500,000 will be funded through Unassigned Fund Balance.

DEPARTMENT OF PUBLIC WORKS 2025-2026

Paving and Curbing

The updated road assessment recommends \$500,000 annually for paving and curbing.

Paving and Curbing will be funded through a future Bond Anticipation Note.

Sanitation Truck (25 yard Rear Packer) ...\$360,000

Currently the Village owns 3 sanitation trucks (2009, 2016, 2021) that cover 3 routes and one 2001 truck that is used as a spare. Sanitation Trucks typically last approximately 15

years on the road and an additional 5 years as a spare. The 2009 truck is currently 16 years old and typically it takes several years between when the truck is ordered and when it is received. The proposal is to purchase a truck with a toter lift on the back resulting in less strain on the crew and less injury from heavy lifting.

The Sanitation Truck cost \$360,000 and will be funded through a future Bond Anticipation Note.

DEPARTMENT OF PUBLIC WORKS 2026-2027

Paving and Curbing... \$500,000

The updated road assessment recommends \$500,000 annually for paving and curbing.

Paving and curbing will be funded through a future Bond Anticipation Note.

Front End Loader... \$325,000

The 1997 Kawasaki front end loader in use today for many smaller jobs around the yard including removal of yard waste, tree debris and millings and other waste material removal is in poor condition. The cab is rusting away from the remainder of the vehicle and has been resoldered.

A new front loader costs \$325,000 and will be funded through a future Bond Anticipation Note.

DEPARTMENT OF PUBLIC WORKS 2027-2028

Paving and Curbing

The updated road assessment recommends \$500,000 annually for paving and curbing.

Paving and Curbing will be funded through a Bond Anticipation Note.

DEPARTMENT OF PUBLIC WORKS FUTURE NEEDS

Heavy Duty Dump Truck with Lift Gate... \$250,000

Our current heavy duty dump truck used for metal recycling and appliances and electronic pick up is a 1998 vehicle which had the entire rack body replaced about 10 years ago. It is also used to haul yard waste that accumulates at the DPW. Although the 1998 vehicle remains at this time functional, lead times on the purchase of heavy-duty vehicles can be 2 to 3 years.

Medium Duty Dump truck with Salt Plow Equipment... \$150,000

The current vehicle is a 2012 model, and the underside is seriously impacted by the salt spread each winter season.

Woodchipper... \$60,000

Although much of our tree work is performed by an outside contractor, the woodchipper is particularly important in times of significant storms when trees are cleared from the roads. Our current woodchipper is a 1989 model and parts have become very difficult to find.

Salt Shed... \$200,000

The DPW Salt Shed is in need of replacement. A replacement strategy will be developed in the context of discussion with Metro North on the use of their property.

Construction of the project developed by the Westchester Community Foundation Fenwick Engineering Study... \$ unknown

If the 2023-2024 Fenwick Engineering Study grant application is successful, and engineering plans are developed for improvements to the stormwater conveyance system for the Fenwick area, the Village will then aggressively pursue grants to pay for implementation.

Construction of the project developed by the Huson River Estuary grant for Engineering of Zinsser stormwater... \$ unknown

If the 2023-2024 Zinsser Engineering Study grant application is successful and engineering plans are developed for improvements to the stormwater conveyance system for the Zinsser area, the Village will then aggressively pursue grants to pay for implementation.

FIRE DEPARTMENT 2023-2024**Fotokite Drone... \$40,000**

This is a tethered unmanned drone that can be used for search and rescue.

Chief Schnibbe is looking into grant opportunities to obtain this technology.

Hook & Ladder Garage Floor.... \$75,000

The Village has unearthed and repaired pipes in the truck room floor. We await design plans to replace the floor with a new one designed to hold the weight of the truck.

The Village previously bonded \$75,000 for this work.

FIRE DEPARTMENT 2024-2025**Solar Panels for Protection**

As an alternative to a natural gas generator Chief Schnibbe is exploring solar panels on the roof with power battery back-up that could run the generator in times of power outage.

Chief Schnibbe is looking into costs and feasibility.

FIRE DEPARTMENT 2025-2026

Replace the 62B ambulance... \$225,000

This ambulance was purchased in 2008, has over 41,670 thousand miles on it and has undergone major repairs in 2022. It is anticipated that it will continue to need extensive repairs as it has reached the end of its useful life.

The cost for this vehicle can be paid from Ambulance billing revenue.

FIRE DEPARTMENT 2026- 2027

Command Chief Vehicle... \$75,000

The current 2012 chief vehicle has outlasted its useful life and may be retired to use as a utility (non-emergency response) vehicle or sold to offset the cost of the new vehicle.

The cost of this vehicle can be paid from Ambulance billing revenue or alternatively a future Bond Anticipation Note.

Replace the 2004 Seagrave Pumper (Engine 45)... \$950,000

The pumper is ending the period of its useful life and will need to be replaced. Currently there is a nearly 3-year lead time on this kind of vehicle. The Fire Department will monitor lead times to see if they improve or potentially adjust the order date to accommodate.

The cost of this equipment will be paid for with a future Bond Anticipation Note.

FIRE DEPARTMENT 2027-2028

Command Chief Vehicle... \$75,000

The current 2012 chief vehicle has outlasted its useful life and may be retired to use as a utility (non-emergency response) vehicle or sold to offset the cost of the new vehicle.

The cost of this vehicle can be paid from Ambulance billing revenue.

LIBRARY 2023-2024

Stucco and Window Repairs...\$100,000

In 2022 the Village conducted a structural review of the Library to evaluate the cause of the staining to the stucco on the sides of the building. The scope was to investigate the

roofing and roof assembly and the concrete spandrel beams on the Library in order to better understand the existing construction, materials, and to help inform the cause of deterioration due to the development of recurring problems on the building. There is substantial cracking, displacement and staining on the concrete spandrels. Easton architects concluded that the staining *is primarily* (but not exclusively) from water dripping from the parapet flashing on the spandrel and partially due to leeching of iron from the rusting rebars. Easton recommended that all window head/concrete spandrel junctions have copper flashing installed, and all concrete spalling be chiseled and removed, mill scaling and brushing of all exposed rebars performed, application of waterproof coating, and repair as necessary to the spandrel.

The Village had previously bonded \$100,000 for this work.

Picture Book Room and The Director's Office

The Picture Book Room and the Director's Office do not have any windows that open, limiting the amount of air circulation in both areas and requiring the use of air conditioning/heating on days when some fresh air would be preferable and cost effective. The Picture Book Room has 9-12 feet plate glass windows but a 3-foot panel of windows just below the ceiling which could be replaced with panels that open. This would require replacing the four window shades as well. In the Director's office, there are four 3x5 foot panes of glass near the floor that could be replaced with windows that open. The window shades would not need to be replaced.

It is recommended that this work be incorporated in the stucco and window repair work identified above.

HVAC.... 346,250

The Library has applied for a grant from NYS Library Construction to replace the 30-year old chiller on the Library roof. The Board of Westchester Library System (WLS) approved the recommended award amount, \$173,125, and this was recently approved by Albany. This represents half the cost of replacing the chiller. This project is incorporated into the Village Hall geothermal project and the chiller will be integrated into that project.

Carpeting...\$100,000

The carpeting, which was installed in the Library in 2002, needs to be replaced. It is a tripping hazard in some places, it is badly worn and faded, and is patched in other places. The Village has received a replacement cost estimate of \$125,000 from the vendor who installed the carpeting in 2002. It is recommended that the Library select the most trafficked areas and fund the replacement cost using the Library Fund Balance.

The Library can use \$100,000 of Library Fund Balance to pay for carpet replacement.

LIBRARY 2024-2025

AV Equipment in the Orr Room

The Library reports that the AV equipment in the Orr Room needs to be updated and streamlined. With the use of more streaming possibilities, the Library wishes to invest in laptops with all the appropriate connections so that material can be streamed, presentations can include power points, podcasts, etc. Updating the receiver CD/DVD player is also desired so that older materials from the collection can still be used.

It is recommended that the Library Director work with IT Director Rafeal Zaratzian to develop a plan and cost estimates for this work.

Children's and Young Adult Area

The Library reports that the children's and young adult area needs an update. More teenagers are using the Library for individual and programming reasons. Since the space is small, a reconfiguration of the space for optimal usage would require an architect, contractor, and new furniture.

This may be a project that is suitable for the donations from Friends of the Library.

LIBRARY 2025-2026

Wiring, Computers and Space

An assessment and possible upgrade of wiring and computers throughout the Library is desired. Public computer usage has changed due to the pandemic and so has the need to regulate the space between patrons. The Library would like to purchase laptops and tablets (to replace the public PCs) and replace the fax machine with a scanner. This would require a renovation of the space where the public PCs are currently situated. The space in that area also contains "Reference" books which are rarely used since everything is online; CD's, DVD's and CD Audiobooks are also in this area. With streaming services, eBooks, and online music sources, this entire area will need to be reassessed and updated.

It is recommended that the Library Director work with IT Director Rafael Zaratzian to develop a plan and cost estimates for this work.

Furniture

The desks, armchairs, coffee tables and end tables in the back of the Library get a tremendous amount of use and may need to be replaced or repaired.

This may be a project that is suitable for the donations that the Library regularly receives from Friends of the Library.

LIBRARY 2026-2027

The ramp leading to the downstairs/ADA entrance to the library will need repaving. Either side of the path has about 2 feet of flagstones that are cracked and will need to be replaced.

It is recommended that an estimate be obtained for this work and that it be incorporated into the capital plan to be paid for with a future Bond Anticipation Note.